

Department/Discipline	Thesis title	Degree	Author	Details
Anaesthesiology	Discover the underlying mechanism in diabetic cardiac dysfunction by integrating knowledge from genomic and genetic studies	Doctor of Philosophy	Liu, Zipeng	http://hub.hku.hk/mmsid/991043953695203414
Anaesthesiology	Role and mechanism of endothelin in the central nervous system in neuropathic pain	Doctor of Philosophy	Tai, Wai, Lydia	http://hub.hku.hk/mmsid/991043962783703414
Anatomy	The role of PAK4 in extracellular matrix degradation	Master of Philosophy	Kwan, Kwun-ki	http://hub.hku.hk/bib/B53879454
Applied English Studies	The L2 motivational trajectories, academic choices, and possible future selves of local and international English majors in mainland China	Doctor of Philosophy	Doyle, Aaron Thomas	http://hub.hku.hk/mmsid/991044014363503414
Applied English Studies	Metadiscursive nouns in disciplinary writing	Doctor of Philosophy	Jiang, Feng	http://hub.hku.hk/mmsid/991043976386903414
Applied English Studies	Promoting learner autonomy through a self-access language learning (SALL) component of a taught English course	Doctor of Philosophy	Law, Yuen-yi	http://hub.hku.hk/mmsid/991043976599503414
Applied English Studies	Chinese scientists writing for international publication : the use of mediation services	Doctor of Philosophy	Luo, Na	http://hub.hku.hk/mmsid/991043976390703414
Applied English Studies	Evaluation in newspaper discourse : a corpus-based study	Doctor of Philosophy	Ngai, Bo-wan, Jonathan	http://hub.hku.hk/mmsid/991043962677703414
Architecture	Architectures of coevolution : second-order cybernetics and architectural theories of the environment, c. 1959-2013	Doctor of Philosophy	Perera, Senanayaka Vithanalage Dulmini	http://hub.hku.hk/mmsid/991043962784203414
Architecture	The architectural origins of Hong Kong's public housing : the pioneering "Mark" series and its development	Doctor of Philosophy	Wai, Chui-chi, Rosman	http://hub.hku.hk/mmsid/991043962779903414
Architecture	Beyond low carbon : long-lasting housing evaluation system study in Pearl River Delta, China	Doctor of Philosophy	Wang, Qing, Ivor	http://hub.hku.hk/mmsid/991043982883303414
Biochemistry	Genetic analysis of the role of MMP14 during endochondral ossification	Master of Philosophy	Chu, Tsz-long	http://hub.hku.hk/mmsid/991043979540203414
Biological Sciences	Bioinformatic study in profiling the gut microbial community of giant panda (<i>Ailuropoda melanoleuca</i>) from metagenomic shotgun data	Doctor of Philosophy	Bai, Yinqi	http://hub.hku.hk/mmsid/991043982881303414
Biological Sciences	Regulation of spermatogenesis : the roles of planar cell polarity proteins, basement membrane and the downstream signalling molecules	Doctor of Philosophy	Chen, Haiqi	http://hub.hku.hk/mmsid/991044014360403414
Biological Sciences	Assessing shallow marine biodiversity patterns and climate change using micropaleontological records	Doctor of Philosophy	Chiu, Wing-tung	http://hub.hku.hk/mmsid/991043982884103414
Biological Sciences	The interplay of antibiotic resistance and bacterial stress responses in phosphate starvation condition	Doctor of Philosophy	Deng, Ziqing	http://hub.hku.hk/mmsid/991043979551403414
Biological Sciences	Functional analysis of cytosolic acyl-coenzyme a-binding proteins in floral and seedling development	Doctor of Philosophy	Hsiao, An-shan	http://hub.hku.hk/mmsid/991043962784603414
Biological Sciences	Characterizing the function of coxsackievirus and adenovirus receptor (CXADR) in the testis	Doctor of Philosophy	Huang, Kun	http://hub.hku.hk/mmsid/991044014362603414
Biological Sciences	Recent and quaternary deep-sea ostracoda from the sub-polar North Atlantic : paleoecological and paleoceanographical applications	Doctor of Philosophy	Jöst, Anna Beate	http://hub.hku.hk/mmsid/991044014364703414
Biological Sciences	Conservation and population biology of the Hong Kong newt (<i>Paramesotriton hongkongensis</i>)	Doctor of Philosophy	Lau, Yin-kun, Anthony	http://hub.hku.hk/mmsid/991043962783403414

Titles of Theses 2018

Department/Discipline	Thesis title	Degree	Author	Details
Biological Sciences	Development and application of targeted lipidomics of oxygenated polyunsaturated fatty acids in different oxidative damage study models	Doctor of Philosophy	Lee, Yiu-yiu	http://hub.hku.hk/mmsid/991043962783803414
Biological Sciences	Identification and functional analysis of leaf chlorosis-related genes essential for chlorophyll biosynthesis and chloroplast development in rice	Doctor of Philosophy	Li, Qingzhu	http://hub.hku.hk/mmsid/991044014367703414
Biological Sciences	Overexpression of wild-type and mutant Brassica juncea 3-hydroxy-3-methylglutaryl-CoA synthase1 in Solanaceae	Doctor of Philosophy	Liao, Pan	http://hub.hku.hk/mmsid/991043979533203414
Biological Sciences	Novel aspects of spexin functions in fish models	Doctor of Philosophy	Ma, Ani	http://hub.hku.hk/mmsid/991044014360203414
Biological Sciences	Molecular analysis of nitrogen cycling related microorganisms in forest soils and engineering systems	Doctor of Philosophy	Meng, Han	http://hub.hku.hk/mmsid/991043979523503414
Biological Sciences	Integrative analysis of the human genome, metagenome and exposome	Doctor of Philosophy	Ni, Yueqiong	http://hub.hku.hk/mmsid/991044014366803414
Biological Sciences	Socio-spatial ecology of Indo-Pacific humpback dolphins (Sousa chinensis) in Hong Kong and the Pearl River Estuary	Doctor of Philosophy	Or, Ka-man	http://hub.hku.hk/mmsid/991043962782003414
Biological Sciences	Energy production in chloroplast and mitochondrion	Doctor of Philosophy	Voon, Chia Pao	http://hub.hku.hk/mmsid/991043962675903414
Biological Sciences	Secretin modulates the postnatal development of mouse cerebellar cortex via PKA- and ERK- dependent pathways	Doctor of Philosophy	Wang, Lei	http://hub.hku.hk/mmsid/991044014362903414
Biological Sciences	Integrative computational and experimental characterisation of endometrial cancer alternations	Doctor of Philosophy	Wong, Chi-fat	http://hub.hku.hk/mmsid/991043962675703414
Biological Sciences	Anticancer effects of selected natural products on human colon cancer cells	Doctor of Philosophy	Zhao, Yueliang	http://hub.hku.hk/mmsid/991043976597703414
Biological Sciences	Effects of biodiversity of larval amphibians on ecosystem functioning : a mesocosm approach	Master of Philosophy	Kit, Tsz-ki	http://hub.hku.hk/mmsid/991043982879903414
Biological Sciences	Regulatory role of orexin on postnatal maturation of the central vestibular system in rats	Master of Philosophy	Lam, Tsz-fung, Ulysses	http://hub.hku.hk/mmsid/991043953696203414
Biological Sciences	Deciphering the role of RbAp46/48lin-53 in centromere function in Caenorhabditis elegans	Master of Philosophy	Lee, Chi-hang, Bernard	http://hub.hku.hk/mmsid/991044014367103414
Biological Sciences	Clark's anemonefish, Amphiprion clarkii, local distribution, group composition, sex change, agonistic behaviour and growth : a study of anemonefish under natural and captive environments	Master of Philosophy	See, Chun-lung	http://hub.hku.hk/mmsid/991044014365903414
Biological Sciences	Characterization of a universal stress protein UspA1171 of Burkholderia caribensis MBA4	Master of Philosophy	Wang, Shimeng	http://hub.hku.hk/mmsid/991043962784003414
Biomedical Sciences	Toward exploring cellular metastates through light-induced tuning of Oct4 Expression	Doctor of Philosophy	Fan, Weimin	http://hub.hku.hk/mmsid/991044014369203414
Biomedical Sciences	Induction and activation of cGAS DNA sensor by Sindbis virus	Doctor of Philosophy	Fung, Sin-yee	http://hub.hku.hk/mmsid/991043982883203414
Biomedical Sciences	Regulatory role of perineuronal chondroitin sulfates and semaphorin 3A in developing vestibular circuitry	Doctor of Philosophy	Kwan, Pui-yi	http://hub.hku.hk/mmsid/991043982881003414

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Biomedical Sciences	The role of autophagy in enterovirus-71 infection and the therapeutic effect of autophagy inhibition by Saikosaponin D	Doctor of Philosophy	Li, Chang	http://hub.hku.hk/mmsid/991043982879403414
Biomedical Sciences	Modulation of extracellular and intrinsic pathways as strategies to promote axonal regeneration after spinal root avulsion	Doctor of Philosophy	Li, Heng	http://hub.hku.hk/mmsid/991043953698203414
Biomedical Sciences	Clinicopathological investigations of the cholinergic basal forebrain in Lewy body disorders and ageing	Doctor of Philosophy	Liu, King-lun	http://hub.hku.hk/mmsid/991043962782403414
Biomedical Sciences	Transplantation of embryonic spinal cord-derived cells to prevent muscle atrophy after various peripheral nerve injuries	Doctor of Philosophy	Ruven, Carolin	http://hub.hku.hk/mmsid/991043982881403414
Biomedical Sciences	Glucose-regulated expression of PDZD2/sPDZD2 : functional relevancy in islets, insulinoma cells and adipocytes	Doctor of Philosophy	So, Hon-fai	http://hub.hku.hk/mmsid/991043982877703414
Biomedical Sciences	Apical fluid sensing mechanism of cultured pig tracheal epithelia	Doctor of Philosophy	Xu, Weiyi	http://hub.hku.hk/mmsid/991043982880003414
Biomedical Sciences	The role of Uhrf1 ring domain in B cell differentiation and apoptosis	Doctor of Philosophy	Zhang, Weiyi	http://hub.hku.hk/mmsid/991043962675803414
Biomedical Sciences	The interaction of berberine with chemodrugs for treating EBV-associated nasopharyngeal carcinomas (NPC)	Master of Philosophy	Chan, Man-hei Matthew	http://hub.hku.hk/mmsid/991043982881603414
Biomedical Sciences	Lysosomal Ca ²⁺ disruption induces autophagy impairment in familial Alzheimer's disease	Master of Philosophy	Dong, Rui	http://hub.hku.hk/mmsid/991044014368203414
Biomedical Sciences	Maturation of human pluripotent stem cell-derived cardiomyocytes in three dimensional tissue constructs	Master of Philosophy	Wong, Cho-sing, Nicodemus	http://hub.hku.hk/mmsid/991043962678003414
Buddhist Studies	Cognition in Buddhist psychology : a study of the cognitive functions in the teaching of causality in early Buddhism	Doctor of Philosophy	Han, Tao	http://hub.hku.hk/mmsid/991043979521003414
Buddhist Studies	Integrating Buddhism into moral and value education : ideas and practice of developing Buddhist teaching materials for Hong Kong primary and secondary students	Doctor of Philosophy	Wang, Bing	http://hub.hku.hk/mmsid/991043979526703414
Business	Consumer engagement : theoretical foundations, conceptualizations and empirical validations	Doctor of Philosophy	Chan, Hon-ying, Terri	http://hub.hku.hk/mmsid/991043962676203414
Business	Managing institutional environment in emerging economy : longitudinal investigation of foreign firms in China	Doctor of Philosophy	Du, Jialin	http://hub.hku.hk/mmsid/991043962676403414
Business	Three essays on firm innovation strategy and capability in emerging markets	Doctor of Philosophy	Jin, Lu, Jason	http://hub.hku.hk/mmsid/991043976387203414
Business	Financial reporting, auditing, analyst scrutiny, and investment efficiency	Doctor of Philosophy	Liu, Nanqin	http://hub.hku.hk/mmsid/991043976388903414
Business	The impact of social media sentiment on stock performance	Doctor of Philosophy	Lo, Kar-kei	http://hub.hku.hk/mmsid/991043976596103414
Business	Two essays on the impacts of globalization	Doctor of Philosophy	Shao, Xiang	http://hub.hku.hk/mmsid/991043976597003414
Business	Two credibility-enhancing tactics of Twitter disclosure : retweeting and mentioning	Doctor of Philosophy	Sun, Wei	http://hub.hku.hk/mmsid/991043962678303414
Business	Multichannel management in the motion picture industry	Doctor of Philosophy	Yu, Yinan	http://hub.hku.hk/mmsid/991043962783103414

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Business	Two essays on consumer inferences about products and brands : a new perspective of inference-making processes	Doctor of Philosophy	Zhang, Ke	http://hub.hku.hk/mmsid/991043976389803414
Chemistry	Strongly luminescent tetradentate platinum(II) and palladium(II) complexes : structures, photophysics and material applications	Doctor of Philosophy	Ang, Wai-hung	http://hub.hku.hk/mmsid/991044014366603414
Chemistry	Synthesis and excited state dynamics of strongly luminescent gold(III) and gold(I) complexes with long-lived excited states	Doctor of Philosophy	Chan, Kaai-tung	http://hub.hku.hk/mmsid/991043976597603414
Chemistry	Computational studies on stability of components in an aprotic Li-O ₂ battery	Doctor of Philosophy	Chau, Kwok-chung, Vincent	http://hub.hku.hk/mmsid/991043982881203414
Chemistry	Light actuated hierarchical nanotree swimmer	Doctor of Philosophy	Dai, Baohu	http://hub.hku.hk/mmsid/991043979535603414
Chemistry	Synthesis, characterization and catalytic properties of metal porpholactones and cobalt(ii) porphyrin catalyzed alkylcarbene transfer reactions	Doctor of Philosophy	Hao, Fei	http://hub.hku.hk/mmsid/991043962676903414
Chemistry	Tracking and characterization of arsenic(III)-binding proteins : insight into the molecular mechanism of action of arsenic trioxide for leukemia	Doctor of Philosophy	Hu, Xuqiao	http://hub.hku.hk/mmsid/991044014360003414
Chemistry	Molecular nanoplasmionics : origin, simulation and its application	Doctor of Philosophy	Huang, Ying	http://hub.hku.hk/mmsid/991043953695603414
Chemistry	Luminescent tetradentate platinum(II) complexes bearing asymmetric ligands with mixed oxygen, nitrogen and carbon donor atoms : design, syntheses, photophysical studies and applications	Doctor of Philosophy	Ko, Man-ying	http://hub.hku.hk/mmsid/991044014358903414
Chemistry	Developing chemical tools to study fatty-acylation and histone crotonylation	Doctor of Philosophy	Li, Xin	http://hub.hku.hk/mmsid/991043962781203414
Chemistry	Studies towards construction of 9,10-syn-trans-decalin skeletons and synthesis of tricyclic triptolide analogs	Doctor of Philosophy	Li, Zhongliang	http://hub.hku.hk/mmsid/991044014369303414
Chemistry	Reactions of epoxy and aziridinyl enolsilanes with arenes	Doctor of Philosophy	Ling, Jesse	http://hub.hku.hk/mmsid/991043962677303414
Chemistry	Isomerization and dissociation of aromatic-containing radical cationic peptides	Doctor of Philosophy	Mu, Xiaoyan	http://hub.hku.hk/mmsid/991043962782903414
Chemistry	Preparation and study of the photophysical properties of carbon nanotubes functionalized with metal containing polymers	Doctor of Philosophy	Shi, Haiting	http://hub.hku.hk/mmsid/991044014359803414
Chemistry	Luminescent zinc(II), copper(I) and gold(I) complexes : structures, photophysical properties and OLED applications	Doctor of Philosophy	So, Kwok-ming	http://hub.hku.hk/mmsid/991044014360303414
Chemistry	Studies towards enantioselective synthesis of mitomycins A and B series	Doctor of Philosophy	Sui, Yi	http://hub.hku.hk/mmsid/991044014359503414
Chemistry	Nitrene transfer catalyzed by copper complexes of ruthenium-thiolate molecular wheel and tripodal S-chelated ligands and C-H functionalization mediated by ruthenium phthalocyanine ketimido complex	Doctor of Philosophy	Tso, Chi-hang	http://hub.hku.hk/mmsid/991043979551203414

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Chemistry	Holographic current density theorem, neural network bootstrapping algorithm and PPM-GW corrected TDDFT(B)-NEGF method in first-principle calculations	Doctor of Philosophy	Wu, Jiang	http://hub.hku.hk/mmsid/991043953698403414
Chemistry	Study of electron transfer processes in platinum containing conjugated polymers/carbon nanotube and ruthenium complex/zinc oxide hybrids	Doctor of Philosophy	Xiong, Wenjuan	http://hub.hku.hk/mmsid/991044014361003414
Chemistry	NTA-based agents for intracellular labeling of metal binding and His-tagged proteins	Doctor of Philosophy	Yang, Ya	http://hub.hku.hk/mmsid/991043979539903414
Chemistry	Luminescent tungsten and copper complexes photophysical properties, material application and photo-catalysis	Doctor of Philosophy	Yeung, Kwan-ting	http://hub.hku.hk/mmsid/991044014368603414
Chemistry	Density functional theory studies of selected benzophenones and anthraquinones in neutral aqueous solutions	Doctor of Philosophy	Zhang, Xiting	http://hub.hku.hk/mmsid/991043976387803414
Chemistry	Transition metal complexes with pyrazole and bulky salen ligands, catalysis, spectroscopic properties and bioactivity	Master of Philosophy	Chan, Wai-man	http://hub.hku.hk/mmsid/991043953697003414
Chemistry	Gold nanoparticles-assisted laser desorption/ionization mass spectrometry : fundamental study and analytical application	Master of Philosophy	Chau, Siu-leung	http://hub.hku.hk/mmsid/991044014366303414
Chemistry	Incorporation of a poly (ionic liquid) into UiO-66 and UiO-67 for anion exchange applications	Master of Philosophy	Olorunyomi, Joseph Funso	http://hub.hku.hk/mmsid/991043962782803414
Chinese	From chaos to the light beyond : a study of early Chinese civilization using oracle bone scripts as proof = Cong hun dun dao guang ming : yi Yin Shang jia gu bu ci kao zheng Zhonghua wen ming zao qi zong jiao mian mao	Doctor of Philosophy	Jin, Mengyao	http://hub.hku.hk/mmsid/991043976388603414
Chinese	Peony pavilion in the light of carnivalesque = Ni fang chang ba wo deng chang : kuang huan hua shi ye xia de "Mu dan ting"	Doctor of Philosophy	Li, Hoi-ping	http://hub.hku.hk/mmsid/991044014361903414
Chinese	The pursuits and transitions of a modern intellectual : a study of the literary and academic achievements of Liu Bannong = Xian dai zhi shi fen zi de jue se tan suo yu zhuan xing : lun Liu Bannong de chuang zuo yu xue shu	Doctor of Philosophy	Shao, Dong	http://hub.hku.hk/mmsid/991044014364203414
Chinese	The ideological adoption and literary writing of left-wing writers in 1940s : the cases of Ding Lin, Zhao Shuli and Xiao Jun = Si shi nian dai zuo yi zuo jia de si xiang xing tai yu wen xue chuang zuo : yi Ding Ling, Zhao Shuli, Xiao Jun wei li	Doctor of Philosophy	Wang, Lifeng	http://hub.hku.hk/mmsid/991043979529903414
Chinese	A critical study of Ling Shuhua and her literary writings = Ling Shuhua de sheng ping yu chuang zuo yan jiu	Doctor of Philosophy	Yuan, Chan	http://hub.hku.hk/mmsid/991043962781303414
Chinese	Recognition of nanfeng and masculinity in Yichun xxiangzhi and Bian'er chai = Ru sheng de you xi : dui "Yi chun xiang zhi" "Bian er chai" liang bu xiao shuo zhong de nan feng huo dong de zai ren shi	Master of Philosophy	Chen, Yifan	http://hub.hku.hk/mmsid/991043982882703414

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Chinese	A critical study of the representation of women in the Shang dynasty through the lens of oracle bones and other written records = Cong wen zi cai liao kao cha Shang dai nü xing wen hua	Master of Philosophy	Kan, Man-yee	http://hub.hku.hk/mmsid/991043976387703414
Chinese	A study of dowager Empress Liu in the reign of Emperor Song Renzong = Song Renzong chao Liu huang tai hou yan jiu	Master of Philosophy	Lau, Yee Ling	http://hub.hku.hk/mmsid/991043982878603414
Chinese	Anthropophagy beyond anthropology : a Cannibalistic view of Jiu Guo in translation	Master of Philosophy	Ma, Anting	http://hub.hku.hk/mmsid/991043962783003414
Chinese	Women and literature in the early Qing fiction Lin Lan Xiang = "Lin Lan Xiang" zhong de nü xing yu wen xue	Master of Philosophy	Wei, Qimeng	http://hub.hku.hk/mmsid/991043982881103414
Chinese Medicine	Tao of changes and Tao of medicine : the influence of "the thought of Unity of nature and human being" , "the thought of holistic" , "the thought of change" and "the thought of harmonious" in "The book of changes" on traditional Chinese medicine theories = Yi dao he yi dao : "Zhou yi" tian ren he yi guan, zheng ti guan, bian yi guan he zhong he guan dui chuan tong Zhong yi li lun de ying xiang	Doctor of Philosophy	Lo, Kwai-ching	http://hub.hku.hk/mmsid/991043982877603414
Chinese Medicine	The suppressive effect of baicalin on hepatocellular carcinoma through mediating tumour associated macrophages repolarization	Doctor of Philosophy	Tan, Hor Yue	http://hub.hku.hk/mmsid/991043962677103414
Chinese Medicine	Isolation and characterization of the proteins from dioscorea species capable of up-regulating estradiol secretion from ovarian granulosa cells	Master of Philosophy	Lu, Jia	http://hub.hku.hk/mmsid/991043982878103414
Civil Engineering	Behavior and design of cold-formed steel elliptical and semi-oval hollow sections structural members	Doctor of Philosophy	Chen, Mantai	http://hub.hku.hk/mmsid/991043979521203414
Civil Engineering	Biodegradation of emerging pollutants and the functional bacteria in the microbial community	Doctor of Philosophy	Deng, Yu	http://hub.hku.hk/mmsid/991043979553203414
Civil Engineering	Surface treatment and structure optimization of thin film composite membranes for enhanced removal of trace organic contaminants and improved antifouling performance	Doctor of Philosophy	Guo, Hao	http://hub.hku.hk/mmsid/991043979532903414
Civil Engineering	Deciphering activated sludge microbial communities with large-scale metagenomics sequencing	Doctor of Philosophy	Jiang, Xiaotao	http://hub.hku.hk/mmsid/991043979535103414
Civil Engineering	Behaviour and design of tubular structural members under concentrated bearing loads	Doctor of Philosophy	Li, Haiting	http://hub.hku.hk/mmsid/991043979551303414
Civil Engineering	Structural performance of concrete-filled cold-formed stainless steel members	Doctor of Philosophy	Li, Lianghao	http://hub.hku.hk/mmsid/991043979524003414
Civil Engineering	An innovative membrane bioreactor process with iron dosing and side-stream acidogenic sludge co-fermentation for enhanced phosphorus removal and recovery in wastewater treatment	Doctor of Philosophy	Li, Ruohong	http://hub.hku.hk/mmsid/991043979529203414
Civil Engineering	Filler technology for low-carbon high performance concrete	Doctor of Philosophy	Ling, Shao Keat	http://hub.hku.hk/mmsid/991043976387603414

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Civil Engineering	Laboratory investigation of dynamic properties of sand with fines	Doctor of Philosophy	Liu, Xin	http://hub.hku.hk/mmsid/991044014367203414
Civil Engineering	Seismic axial collapse of short shear span reinforced concrete shear walls	Doctor of Philosophy	Looi, Ting Wee	http://hub.hku.hk/mmsid/991043979536503414
Civil Engineering	Crack analysis of reinforced concrete by finite element method and crack queuing algorithm	Doctor of Philosophy	Ma, Fangjie	http://hub.hku.hk/mmsid/991043976388303414
Civil Engineering	The thermomechanical framework applied to the development of constitutive models for clays : the novel TARC model	Doctor of Philosophy	Miranda Pino, Luis Felipe	http://hub.hku.hk/mmsid/991044014362303414
Civil Engineering	An integrated life cycle-based viable procurement system to enhance the success level of sustainable building	Doctor of Philosophy	Tang, Ziwei	http://hub.hku.hk/mmsid/991043976598203414
Civil Engineering	Estimation methods for fundamental and topological parameters in area-wide macroscopic traffic flow models	Doctor of Philosophy	Wong, Wai	http://hub.hku.hk/mmsid/991044014361503414
Civil Engineering	Measurement and prediction of uproot stability of urban trees in Hong Kong	Doctor of Philosophy	Yeung, Shan-wing	http://hub.hku.hk/mmsid/991043962783903414
Civil Engineering	Analysis of bonded post-tensioned concrete flat slab in and after fire	Doctor of Philosophy	Zhang, Li	http://hub.hku.hk/mmsid/991043953698803414
Civil Engineering	Innovative business models for low or zero carbon buildings	Doctor of Philosophy	Zhao, Xiaojing	http://hub.hku.hk/mmsid/991044014364003414
Civil Engineering	Graphene oxide based composites for organic pollutant removal and polymer modification	Doctor of Philosophy	Zhou, Zhengyuan	http://hub.hku.hk/mmsid/991043953695803414
Civil Engineering	Static liquefaction of sand-fines mixtures with the presence of initial shear stress	Master of Philosophy	Liang, Libin	http://hub.hku.hk/mmsid/991044014367503414
Clinical Oncology	Integrin $\alpha 7$ is a functional cancer stem cell surface marker in esophageal squamous cell carcinoma	Doctor of Philosophy	Ming, Xiaoyan	http://hub.hku.hk/mmsid/991043962784503414
Clinical Oncology	Identification and characterisation of inhibin beta A in nasopharyngeal carcinoma	Master of Philosophy	Fong, Ho-lam	http://hub.hku.hk/mmsid/991043976599703414
Comparative Literature	Ecology beyond shanshui : comparative ecocriticism in contemporary Chinese cinema and visual culture	Doctor of Philosophy	Chu, Kiu-wai	http://hub.hku.hk/mmsid/991043962676703414
Comparative Literature	The contemporary cinema of the BRIC countries and the politics of change	Doctor of Philosophy	Laukkanen, Tatu-ilari Timoteus	http://hub.hku.hk/mmsid/991043982879503414
Comparative Literature	The birth of nostophobia and the death of nostalgia : cinematic reconstructions of Hong Kong identity	Master of Philosophy	Chau, Ka-yan, Nichol	http://hub.hku.hk/mmsid/991043953698503414
Computer Science	Synthesizing patterned surfaces for 3D printing	Doctor of Philosophy	Chen, Weikai	http://hub.hku.hk/mmsid/991043953695403414
Computer Science	Effective and efficient community search over large attributed graphs	Doctor of Philosophy	Fang, Yixiang	http://hub.hku.hk/mmsid/991043979532303414
Computer Science	Data-driven high-quality 3D model creation from sparse input	Doctor of Philosophy	Han, Xiaoguang	http://hub.hku.hk/mmsid/991043982879103414
Computer Science	Approximation schemes for network design problems in doubling metrics	Doctor of Philosophy	Jiang, Shaofeng	http://hub.hku.hk/mmsid/991043976388703414
Computer Science	Memory- and time-efficient solutions for large-scale metagenomic sequence analysis	Doctor of Philosophy	Li, Dinghua	http://hub.hku.hk/mmsid/991043976596703414

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Computer Science	Coflow scheduling and resource sharing games in congested networks	Doctor of Philosophy	Li, Yupeng	http://hub.hku.hk/mmsid/991043979525003414
Computer Science	Keyword and fact identification and annotation : machine learning approaches	Doctor of Philosophy	Liang, Yuzhi	http://hub.hku.hk/mmsid/991044014362103414
Computer Science	Latent topic mining in social media with probabilistic graphical model	Doctor of Philosophy	Liu, Yu	http://hub.hku.hk/mmsid/991043979535803414
Computer Science	From conventional to search-focused programming environments	Doctor of Philosophy	Tauber, Tomás	http://hub.hku.hk/mmsid/991044014365503414
Computer Science	Cyber attacks and defenses against nonlinear state estimation in cyber-physical systems	Doctor of Philosophy	Wang, Jingxuan	http://hub.hku.hk/mmsid/991043953696403414
Computer Science	Towards secure, privacy-preserving, and trusted analytic about ad hoc network data	Doctor of Philosophy	Yeung, Cheuk-yu	http://hub.hku.hk/mmsid/991043979552603414
Computer Science	Deep learning based automatic colorization and color sketch generation	Doctor of Philosophy	Zhang, Wei	http://hub.hku.hk/mmsid/991043982880503414
Computer Science	Dynamic cloud resource provisioning and pricing	Doctor of Philosophy	Zhang, Xiaoxi	http://hub.hku.hk/mmsid/991043976390803414
Computer Science	Managing the quality of crowdsourced databases	Doctor of Philosophy	Zheng, Yudian	http://hub.hku.hk/mmsid/991043982880403414
Computer Science	Stock market trend prediction using an enhanced financial news classification strategy	Master of Philosophy	Fung, Divine	http://hub.hku.hk/mmsid/991044014359603414
Computer Science	Gems : language modularization, semantically	Master of Philosophy	Li, Huang	http://hub.hku.hk/mmsid/991044014359703414
Computer Science	Experimental work on NDN simulation for privacy related problems	Master of Philosophy	Tsang, Yu-hin	http://hub.hku.hk/mmsid/991043953696003414
Computer Science	Online VNF scaling with network uncertainties	Master of Philosophy	Wang, Xiaoke	http://hub.hku.hk/mmsid/991043953697103414
Computer Science	Top-k SAS : on reliable retrieval of top-k tags	Master of Philosophy	Xu, Yong	http://hub.hku.hk/mmsid/991043953696703414
Dentistry	The diversity of microbial life associated with periodontal health and disease	Doctor of Philosophy	Gao, Wenling	http://hub.hku.hk/mmsid/991043982880103414
Dentistry	Autophagy in periodontal health and disease	Doctor of Philosophy	Hu, Xiang	http://hub.hku.hk/mmsid/991043962780103414
Dentistry	Motivational interviewing in improving oral health of preschool children : a randomized controlled trial	Doctor of Philosophy	Jiang, Shan	http://hub.hku.hk/mmsid/991043976389003414
Dentistry	Theoretical and developmental aspects on dental bond strength tests	Doctor of Philosophy	Jin, Xiaozhuang	http://hub.hku.hk/mmsid/991044014362703414
Dentistry	Longitudinal relationship between adiposity status and oral health among adolescents in Hong Kong	Doctor of Philosophy	Li, Lingwei	http://hub.hku.hk/mmsid/991043953695503414
Dentistry	Effects of lipopolysaccharides on periodontal ligament fibroblasts under compressive force via Eph-ephrin signaling	Doctor of Philosophy	Li, Minjie	http://hub.hku.hk/mmsid/991043976595303414
Dentistry	Mesoporous silica nanoparticle-encapsulated antimicrobials and Chinese herbal extracts : controlling oral microbes, modulating immuno-inflammatory response & perspectives	Doctor of Philosophy	Li, Xuan	http://hub.hku.hk/mmsid/991044014360103414
Dentistry	Effects of silver diammine fluoride in preventing dental caries in removable partial denture wearers : a randomized double-blind, placebo-controlled study	Doctor of Philosophy	Ma, Xiaomin	http://hub.hku.hk/mmsid/991044014363403414
Dentistry	Role of periapical diseases in bisphosphonates-related osteonecrosis of the jaws	Doctor of Philosophy	Rao, Nianjing	http://hub.hku.hk/mmsid/991043976597303414

Department/Discipline	Thesis title	Degree	Author	Details
Dentistry	The effects of low-level laser therapy as a novel adjunctive approach in orthodontic treatment of periodontally compromised patients	Doctor of Philosophy	Ren, Chong	http://hub.hku.hk/mmsid/991043979537703414
Dentistry	Biomechanical aspects of craniofacial sutures	Doctor of Philosophy	Savoldi, Fabio	http://hub.hku.hk/mmsid/991043979526403414
Dentistry	Oral health practice and status, knowledge and attitude, and oral health-related quality of life among pregnant women	Doctor of Philosophy	Wen, Weiye	http://hub.hku.hk/mmsid/991043979523803414
Dentistry	Motivational interviewing to promote oral health in adolescents : a randomized controlled trial	Doctor of Philosophy	Wu, Lingli	http://hub.hku.hk/mmsid/991043979535903414
Dentistry	Screening and characterization of putative gene enhancers during craniofacial development	Doctor of Philosophy	Wu, Zhaoming	http://hub.hku.hk/mmsid/991044014364503414
Dentistry	Investigations into the molecular mechanism of the bacterial stringent response	Doctor of Philosophy	Yang, Ning	http://hub.hku.hk/mmsid/991044014364603414
Dentistry	Human insular cortex : the hub for taste sensation and dental perception processing	Doctor of Philosophy	Yeung, Wai-kan, Andy	http://hub.hku.hk/mmsid/991043976599603414
Dentistry	The microbiota of periodontal and peri-implant niches	Doctor of Philosophy	Yu, Xiaolin	http://hub.hku.hk/mmsid/991043979522603414
Dentistry	Potential cariogenicity of and parental attitudes towards sucrose substitutes	Doctor of Philosophy	Zhan, Jingyu	http://hub.hku.hk/mmsid/99104397953103414
Dentistry	The involvement of dental pulp stem cells in inflammation and regeneration	Doctor of Philosophy	Zhu, Lifang	http://hub.hku.hk/mmsid/991043962781603414
Dentistry	The effect of different viewing media in assessing the patients with dentofacial deformities	Doctor of Philosophy	Zhu, Shiwen	http://hub.hku.hk/mmsid/991043976596003414
Dentistry	Multilevel and mixture modeling of prognostic factors for tooth loss in patients under periodontal maintenance	Master of Philosophy	Chan, Ching-kit	http://hub.hku.hk/mmsid/991043976388003414
Dentistry	Oral health related behaviours and oral health status of Hong Kong institutionalised adults with intellectual disability	Master of Philosophy	Suen, Po-chu	http://hub.hku.hk/mmsid/991043976390903414
Earth Sciences	The Qaidam Basin in north Tibetan Plateau, a Martian analogue : applications for a landing site of Mars missions	Doctor of Philosophy	Anglés Estellés, María Angélica	http://hub.hku.hk/mmsid/991044014364303414
Earth Sciences	Geochemistry and geochronology of plutons from the Siziwangqi area, the northern margin of the North China Craton and their implications	Doctor of Philosophy	Chen, Hui-chun	http://hub.hku.hk/mmsid/991043982881703414
Earth Sciences	Tectono-magmatic evolution of the western Yangtze Block, South China	Doctor of Philosophy	Chen, Qiong	http://hub.hku.hk/mmsid/991043976387403414
Earth Sciences	Tectonic evolution of the middle segment of the southern Central Asian Orogenic Belt : insights from plutonic and sedimentary rocks in the Alxa Terrane and adjacent regions	Doctor of Philosophy	Liu, Qian	http://hub.hku.hk/mmsid/991043979537303414
Earth Sciences	Geochemical processes and solute transport in coastal groundwater mixing zone	Doctor of Philosophy	Liu, Yi	http://hub.hku.hk/mmsid/991043976390203414
Earth Sciences	Growth and differentiation of continental crust in the accretionary orogen : a case study of the Chinese Altai, Central Asian Orogenic Belt	Doctor of Philosophy	Yu, Yang	http://hub.hku.hk/mmsid/991043976389503414

Department/Discipline	Thesis title	Degree	Author	Details
Earth Sciences	Geochemistry and geochronology of Heilongjiang complex : implications for the evolution of the Jiamusi and Songliao blocks, NE China	Doctor of Philosophy	Zhu, Yanlin	http://hub.hku.hk/mmsid/991043976597503414
Earth Sciences	The effects of anthropogenic noise on vocal communication in the oriental magpie-robin (<i>Copsychus saularis</i>) in Hong Kong	Master of Philosophy	Li, Leiguang	http://hub.hku.hk/mmsid/991044014364803414
Earth Sciences	Late Permian -- early Cretaceous igneous events in the Erguna Massif, NE China : constraints on the timing of closure of the Mongol-Okhotsk Ocean	Master of Philosophy	Tsui, Wing-sum, Regine	http://hub.hku.hk/mmsid/991044014362203414
Economics and Finance	Essays on demographic changes and lifecycle behavior	Doctor of Philosophy	Cai, Zhipeng	http://hub.hku.hk/mmsid/991043962781403414
Economics and Finance	Two essays in asset pricing : PEAD anomaly in equity market and arbitrage strategies in fixed income market	Doctor of Philosophy	Hu, Yue	http://hub.hku.hk/mmsid/991043976595203414
Economics and Finance	Essays in empirical corporate finance : analyst and manager decisions	Doctor of Philosophy	Li, Fengfei	http://hub.hku.hk/mmsid/991043962678403414
Economics and Finance	Essays on the analysis of cross-sectional stock returns	Doctor of Philosophy	Lin, Qi	http://hub.hku.hk/mmsid/991043962782703414
Economics and Finance	Incomplete information and macro-finance	Doctor of Philosophy	Shi, Qing	http://hub.hku.hk/mmsid/991043976391003414
Economics and Finance	Essays on investment behavior with information frictions	Doctor of Philosophy	Wang, Xiaowen	http://hub.hku.hk/mmsid/991043976596803414
Economics and Finance	Essays on corporate governance and tax policy	Doctor of Philosophy	Yang, Shijie	http://hub.hku.hk/mmsid/991043976595003414
Economics and Finance	Two essays on economic transition	Doctor of Philosophy	Zhao, Jiuqi	http://hub.hku.hk/mmsid/991043962781803414
Economics and Finance	Asset pricing implications of technological innovation	Doctor of Philosophy	Zhou, Tong	http://hub.hku.hk/mmsid/991043962780003414
Education	Hearing sensitivity and speech perception in Mandarin-speaking children with otitis media with effusion	Doctor of Philosophy	Cai, Ting	http://hub.hku.hk/mmsid/991044014359003414
Education	School education and construction of social consciousness : a comparative case study of rural migrant children in Beijing	Doctor of Philosophy	Chen, Jiabin	http://hub.hku.hk/mmsid/991043976596303414
Education	Exploring academic literacy practices surrounding English academic writing : an ethnographic case study	Doctor of Philosophy	Chen, Qianshan	http://hub.hku.hk/mmsid/991044014364403414
Education	The benefits of passion, perseverance, and adaptability for long-term goals in a collectivist context : qualitative and quantitative studies in the Philippines	Doctor of Philosophy	Datu, Jesus Alfonso Daep	http://hub.hku.hk/mmsid/991044014361403414
Education	Student university outcomes : do personal attributes and environmental factors matter?	Doctor of Philosophy	Fu, Mingchen	http://hub.hku.hk/mmsid/991043979528803414
Education	"Reading to Learn, learning to write" : pedagogy in teaching reading and writing of Chinese personal letter and notice to non-Chinese speaking secondary students in Hong Kong = Xianggang fei Hua yu zhong xue sheng Zhong wen si han yu tong gao du xie jiao xue : "yue du cu jin xie zuo" jiao xue fa yan jiu	Doctor of Philosophy	Hiew, Cha Kie	http://hub.hku.hk/mmsid/991043979525603414
Education	A study on Chinese and English reading abilities of Singaporean Chinese students with bilingual background = Xinjiapo shuang yu bei jing Hua zu xue sheng Zhong Ying wen yue du neng li yan jiu	Doctor of Philosophy	Hu, Xiangqing	http://hub.hku.hk/mmsid/991044014365103414
Education	Age-related changes in executive function and Chinese reading comprehension among primary school students in Hong Kong	Doctor of Philosophy	Hung, On-ying	http://hub.hku.hk/mmsid/991044014366403414

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Education	Teachers' conceptions and practices of assessment and factors that influenced them in Tanzania	Doctor of Philosophy	Kahembe, Joyce Joas	http://hub.hku.hk/mmsid/991044014359303414
Education	Teacher professional development : a case study of mentoring process of new senior secondary liberal studies	Doctor of Philosophy	Leung, Chi-yan	http://hub.hku.hk/mmsid/991043982878403414
Education	Early visual arts education in Hong Kong kindergartens	Doctor of Philosophy	Leung, Kit-ying, Suzannie	http://hub.hku.hk/mmsid/991043979551503414
Education	Chinese teachers' conceptions of writing assessment and feedback practices in second language classrooms	Doctor of Philosophy	Li, Guan-ying	http://hub.hku.hk/mmsid/991043982881903414
Education	Mathematical thinking in the intended curriculum in China and three case studies in the implemented curriculum	Doctor of Philosophy	Li, Na	http://hub.hku.hk/mmsid/991043982882803414
Education	Demystifying gaokao : cultural capital and university access of rural students in China	Doctor of Philosophy	Li, Xiaoliang	http://hub.hku.hk/mmsid/991043976594903414
Education	Individual differences and written corrective feedback : exploring the effects of direct and coded feedback on Chinese EFL learners' writing accuracy	Doctor of Philosophy	Li, Yingying	http://hub.hku.hk/mmsid/991043982880703414
Education	Investigating the relationships between second language test takers' strategy use and reading performance on Chinese proficiency tests	Doctor of Philosophy	Lin, Lin	http://hub.hku.hk/mmsid/991043979536003414
Education	Parental beliefs on play among 2-3-year-olds : a mixed-method study in coastal China	Doctor of Philosophy	Lin, Xunyi	http://hub.hku.hk/mmsid/991043979551703414
Education	Parents as consumers in a marketised educational environment : the demand for private supplementary tutoring at primary and lower secondary levels in China	Doctor of Philosophy	Liu, Junyan	http://hub.hku.hk/mmsid/991043982878503414
Education	Secondary school students' evaluation of evidence from investigations of force and motion	Doctor of Philosophy	Ma, Guanzhong	http://hub.hku.hk/mmsid/991044014365003414
Education	The crisis machine : moral panic, alliances, and agenda-setting in an agricultural non-formal education program	Doctor of Philosophy	Menefee, James Warren	http://hub.hku.hk/mmsid/991044014359903414
Education	Early childhood educational policy, children's learning outcomes, and home learning environments in Tanzania : comparisons between naturalized refugees and local majority groups	Doctor of Philosophy	Ndijuye, Laurent Gabriel	http://hub.hku.hk/mmsid/991044014360703414
Education	The relationship between the writing competence and reading competence of Hong Kong fourth-grade students in the progress in international reading literacy study = Xianggang xiao si xue sheng zai "quan qiu xue sheng yue du neng li jin zhan yan jiu (PIRLS)" de shu xie biao da neng li yu yue du li jie neng li de guan xi	Doctor of Philosophy	Ng, Hung-wai	http://hub.hku.hk/mmsid/991043979523703414
Education	Japan's economic partnership agreement as language policy : creation, interpretation, appropriation	Doctor of Philosophy	Otomo, Ruriko	http://hub.hku.hk/mmsid/991043979529003414
Education	Learning to be urban - migrant students at a vocational secondary school in Beijing	Doctor of Philosophy	Qi, Ji	http://hub.hku.hk/mmsid/991043979530103414

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Department/Discipline	Thesis title	Degree	Author	Details
Education	The effects of deductive instruction and inductive instruction on learners' development of pragmatic competence in teaching Chinese as a second language	Doctor of Philosophy	Qi, Xuedan	http://hub.hku.hk/mmsid/991043979538103414
Education	Exploring task design, implementation procedure and second language oral performance : the effects of topic familiarity, task repetition and task types	Doctor of Philosophy	Qiu, Xuyan	http://hub.hku.hk/mmsid/991043979522403414
Education	Influence of culture on the adaptation of realistic mathematics education in Indonesia	Doctor of Philosophy	Revina, Shintia	http://hub.hku.hk/mmsid/991043976596903414
Education	Travelling theories and early marriage : human rights, feminism and Islam (in North Sudan)	Doctor of Philosophy	Symons, Jayne Louise	http://hub.hku.hk/mmsid/991044014363303414
Education	Exploring relationships among kindergarten teachers' beliefs, reported practices, and observed pedagogy in Singapore : a mixed-method approach	Doctor of Philosophy	Tan, Ching Ting	http://hub.hku.hk/mmsid/991044014362803414
Education	Being and becoming an English for specific purposes (ESP) teacher in a Chinese university : an ethnographic study	Doctor of Philosophy	Tao, Jian	http://hub.hku.hk/mmsid/991043982883803414
Education	Understanding secondary school Nepali students' identities and investments in learning English and Chinese (Cantonese) in Hong Kong	Doctor of Philosophy	Thapa, Chura Bahadur	http://hub.hku.hk/mmsid/991043982883403414
Education	Analysing synergies between assessment and metacognitive knowledge : case studies of three award-winning university teachers' design and implementation of assessment in Hong Kong	Doctor of Philosophy	Wang, Jing	http://hub.hku.hk/mmsid/991043976388803414
Education	Ideological constructions of English in a Chinese university	Doctor of Philosophy	Wang, Weihong	http://hub.hku.hk/mmsid/991043979523303414
Education	Assessment literacy of university English teachers in China : a mixed methods study	Doctor of Philosophy	Xu, Yueting	http://hub.hku.hk/mmsid/991043979535703414
Education	Adolescents' psychosocial adaptation to visual impairment : the roles of perceived social support, perceived societal attitudes, and coping	Doctor of Philosophy	Yuan, Wei	http://hub.hku.hk/mmsid/991043976598603414
Education	Classroom discourse in content-based instruction in higher education : a focus on teachers' use of metadiscourse	Doctor of Philosophy	Zhang, Lei	http://hub.hku.hk/mmsid/991043982883703414
Education	Advanced mathematics knowledge of senior secondary school teachers in China and its influence on classroom teaching	Doctor of Philosophy	Zuo, Haode	http://hub.hku.hk/mmsid/991043979529803414
Education	The effect of social skills training on oral proficiency and foreign language anxiety in Chinese language	Master of Philosophy	Kong, Nga-ki	http://hub.hku.hk/mmsid/991044014365303414
Electrical and Electronic Engineering	Functional magnetic resonance imaging investigation of brain connectivity	Doctor of Philosophy	Chan, Russell Wade	http://hub.hku.hk/mmsid/991044014360803414
Electrical and Electronic Engineering	Room-temperature solution-processed hole transport layer design for high performance organic solar cells	Doctor of Philosophy	Cheng, Jiaqi	http://hub.hku.hk/mmsid/991044014365603414
Electrical and Electronic Engineering	Probabilistic tensor subspace learning : foundations and innovations	Doctor of Philosophy	Cheng, Lei	http://hub.hku.hk/mmsid/991044014366703414

Department/Discipline	Thesis title	Degree	Author	Details
Electrical and Electronic Engineering	Large vocabulary automatic chord estimation from audio using deep learning approaches	Doctor of Philosophy	Deng, Junqi	http://hub.hku.hk/mmsid/991043976387303414
Electrical and Electronic Engineering	Surface and composite engineering of iron oxide nanoparticles (IONPs) for biomedical applications	Doctor of Philosophy	Du, Yimeng	http://hub.hku.hk/mmsid/991044014361603414
Electrical and Electronic Engineering	Integral equation based computational methods for complex electromagnetic analysis	Doctor of Philosophy	Fu, Xin	http://hub.hku.hk/mmsid/991043979536103414
Electrical and Electronic Engineering	Mapping mechanical properties of the artery using multi-directional ultrasound guided wave imaging	Doctor of Philosophy	Guo, Yuexin	http://hub.hku.hk/mmsid/991044014366103414
Electrical and Electronic Engineering	Synthesis, assembly, and integration of magnetic nanoparticles for nanoparticle-based spintronic devices	Doctor of Philosophy	Jiang, Chengpeng	http://hub.hku.hk/mmsid/991044014361703414
Electrical and Electronic Engineering	Constructing sustainable power grids : environment-friendly and resilient operation	Doctor of Philosophy	Lei, Shunbo	http://hub.hku.hk/mmsid/991043976389903414
Electrical and Electronic Engineering	Optogenetic functional magnetic resonance imaging investigation of brain-wide long-range projections	Doctor of Philosophy	Leong, Tze-lun	http://hub.hku.hk/mmsid/991044014359403414
Electrical and Electronic Engineering	Advanced temporal imaging systems for ultrafast optical dynamics observation and signal processing	Doctor of Philosophy	Li, Bowen	http://hub.hku.hk/mmsid/991043976598303414
Electrical and Electronic Engineering	Mapping of the full-tensor myocardial deformation using high-frame-rate ultrasound strain imaging	Doctor of Philosophy	Li, He	http://hub.hku.hk/mmsid/991043979523903414
Electrical and Electronic Engineering	Operational and structural optimizations of spin-torque microwave detectors	Doctor of Philosophy	Li, Xu	http://hub.hku.hk/mmsid/991043976598803414
Electrical and Electronic Engineering	Faulty diagnosis and fault-tolerant operation of advanced electric machines	Doctor of Philosophy	Lin, Fei	http://hub.hku.hk/mmsid/991043953697803414
Electrical and Electronic Engineering	A study on the improvement of GaAs MOS devices with high-k gate dielectric	Doctor of Philosophy	Liu, Lining	http://hub.hku.hk/mmsid/991043976598103414
Electrical and Electronic Engineering	Fast magnetic resonance imaging techniques through parallel imaging	Doctor of Philosophy	Lyu, Mengye	http://hub.hku.hk/mmsid/991044014363103414
Electrical and Electronic Engineering	Amorphous InGaZnO thin-film transistor with optimized high-k gate dielectric	Doctor of Philosophy	Song, Jiaqi	http://hub.hku.hk/mmsid/991043953698603414
Electrical and Electronic Engineering	Network-based stability analysis of electric power systems	Doctor of Philosophy	Song, Yue	http://hub.hku.hk/mmsid/991043979523203414
Electrical and Electronic Engineering	High throughput spinning-disk imaging bioassay : from single-cell imaging to whole slide histopathology	Doctor of Philosophy	Tang, Hin-long	http://hub.hku.hk/mmsid/991043979520903414
Electrical and Electronic Engineering	Dispatch of generations and flexible loads in power systems considering renewable energy	Doctor of Philosophy	Tang, Yuchen	http://hub.hku.hk/mmsid/991043976389303414
Electrical and Electronic Engineering	DC electric springs for DC microgrids	Doctor of Philosophy	Wang, Minghao	http://hub.hku.hk/mmsid/991043979522003414
Electrical and Electronic Engineering	Novel electrocardiogram compression and classification algorithms for wearable healthcare system	Doctor of Philosophy	Wu, Jiafei	http://hub.hku.hk/mmsid/991043962783603414
Electrical and Electronic Engineering	Advanced control of grid-connected converters in microgrids with enhanced performances	Doctor of Philosophy	Yang, Yun	http://hub.hku.hk/mmsid/991043979526803414
Electrical and Electronic Engineering	Monolithic integration of light-emitting diode and photodetector for monitoring and regulation of light output	Master of Philosophy	Lu, Haitao	http://hub.hku.hk/mmsid/991043979523403414
Electrical and Electronic Engineering	Advanced applications of optical time-stretch in ultrafast tissue and single-cell imaging	Master of Philosophy	Mok, Tsun-yin	http://hub.hku.hk/mmsid/991043976598503414

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Department/Discipline	Thesis title	Degree	Author	Details
Electrical and Electronic Engineering	Packaging designs for geometrical shaping light emitting diodes	Master of Philosophy	Park, Yonghua	http://hub.hku.hk/mmsid/991043976389103414
English	The question of character : John Ashbery's late lyrics	Doctor of Philosophy	Chung, Fiona	http://hub.hku.hk/mmsid/991044014369503414
English	Transgender identity in law and society : finding the meaning of the words "man", "woman" and "transgender"	Doctor of Philosophy	Tao, Wei-yi, Kimberly	http://hub.hku.hk/mmsid/991044014368503414
English	In search of an everyday heroism : three novels from the 1930s	Master of Philosophy	Lam, Ka-ki, Janice	http://hub.hku.hk/mmsid/991043976595103414
English	The lure of the global : gender and geopolitics in selected novels by transnational Chinese women writers	Master of Philosophy	Tse, Yin-nga	http://hub.hku.hk/mmsid/991043962676503414
English.	Literature and the Anthropocene	Doctor of Philosophy	Gualtieri, Joseph John	http://hub.hku.hk/mmsid/991043962781503414
Family Medicine and Primary Care	What are the barriers to and facilitators of undertaking continuing professional education amongst private non-specialist primary care physicians in Hong Kong?	Doctor of Philosophy	Poon, Man-kay	http://hub.hku.hk/mmsid/991043982883503414
Family Medicine and Primary Care	An investigation of medical student culture and attitudes towards e-learning in Hong Kong and the implications for medical education	Doctor of Philosophy	See, Christopher, Yew-hong	http://hub.hku.hk/mmsid/991043982879803414
Family Medicine and Primary Care	How to promote primary care in Zhejiang, China : a combined qualitative and quantitative study	Doctor of Philosophy	Wu, Dan	http://hub.hku.hk/mmsid/991043962676803414
Geography	Geography of the e-society in China	Doctor of Philosophy	Wang, Bo	http://hub.hku.hk/mmsid/991044014365803414
Geography	Remaking urban logistics space : e-tailing and supply chain revolution in the case city of Shenzhen, China	Doctor of Philosophy	Xiao, Zuopeng	http://hub.hku.hk/mmsid/991043962780803414
Geography	Road safety and land use : different methods in detecting hazardous road locations	Doctor of Philosophy	Yang, Zi	http://hub.hku.hk/mmsid/991043962782503414
Geography	Climate change, geographic factors and plague dynamics in pre-industrial Europe	Doctor of Philosophy	Yue, Pak-hong	http://hub.hku.hk/mmsid/991043962677603414
History	The soft can control the hard : China's soft power in a historical perspective : from the pre-Qin era to the Song dynasty	Doctor of Philosophy	Insisa, Aurelio	http://hub.hku.hk/mmsid/991043962678103414
History	Dengue fever in modern Asia	Doctor of Philosophy	Meerwijk, Maurits Bastiaan	http://hub.hku.hk/mmsid/991044014363903414
Humanities and Medicine	Risk assessment, risk explanation and family decision-making about genetic testing for SADS : a discourse analytic study	Doctor of Philosophy	Au-Yeung, Kai-yin, Gigi	http://hub.hku.hk/mmsid/991043953697703414
Humanities and Social Sciences	From political retreat to cultural resistance : a study on Qing yimin's cultural pursuits in Hong Kong and Macau = Cong zheng zhi tui yin dao wen hua kang ni : Gang Ao liang di Qing yi min de wen hua zhi ye yan jiu	Doctor of Philosophy	Lam, Hoi-yan, Hester	http://hub.hku.hk/mmsid/991043976597403414
Humanities and Social Sciences	Charity is power : a study of Chinese merchants and charitable organizations in Macao, 1849-1949	Doctor of Philosophy	Leung, Kai-chun	http://hub.hku.hk/mmsid/991044014367903414
Humanities and Social Sciences	Reluctant "Maocare" : the shaping and practice of the rural healthcare system in the Wenzhou region : (1949-1978)	Doctor of Philosophy	Sun, Qi	http://hub.hku.hk/mmsid/991044014365403414
Humanities and Social Sciences	Leprosy in Hong Kong (1951-1975)	Master of Philosophy	Biard, Mathilde Evelyne Marie	http://hub.hku.hk/mmsid/991043962784803414

Department/Discipline	Thesis title	Degree	Author	Details
Humanities and Social Sciences	Pilgrimage to prosperity : business trajectories and networking strategies of sub-Saharan African women traders in Guangzhou	Master of Philosophy	Xie, Xin	http://hub.hku.hk/mmsid/991043979521403414
Industrial and Manufacturing Systems Engineering	An imitation learning-based approach to the motion planning of robots : from discrete to continuum robots	Doctor of Philosophy	Chen, Jie	http://hub.hku.hk/mmsid/991043962676303414
Industrial and Manufacturing Systems Engineering	E-commerce city logistics synchronization	Doctor of Philosophy	Shao, Saijun	http://hub.hku.hk/mmsid/991043979522203414
Industrial and Manufacturing Systems Engineering	Operational hedging and coordination for prefabricated construction supply chain management	Doctor of Philosophy	Zhai, Yue	http://hub.hku.hk/mmsid/991043979532603414
Industrial and Manufacturing Systems Engineering	Optimal transportation service trading mechanism in e-commerce logistics	Doctor of Philosophy	Zhang, Mengdi	http://hub.hku.hk/mmsid/991043979522103414
Industrial and Manufacturing Systems Engineering	Real-time indoor object tracking and tracing for supply chain management	Doctor of Philosophy	Zhao, Zhiheng	http://hub.hku.hk/mmsid/991043979522303414
Industrial and Manufacturing Systems Engineering	Cloud-enabled platform for service assignment and control in equipment maintenance	Master of Philosophy	Chen, Yu	http://hub.hku.hk/mmsid/991043953698703414
Journalism and Media Studies Centre	Divide et impera : how cyberbalkanized social media tear apart our society	Doctor of Philosophy	Chan, Chung-hong	http://hub.hku.hk/mmsid/991044014365703414
Law	Unifying space financing through space assets protocol to the Cape Town Convention : a desirable effort for the space sector?	Doctor of Legal Science	Du, Rong	http://hub.hku.hk/mmsid/991043953696803414
Law	The exploitive use of criminal enforcement of copyright in Thailand : causes, consequences, and solutions	Doctor of Philosophy	Atcharawongchai, Worrawong	http://hub.hku.hk/mmsid/991043962780203414
Law	Administrative policymaking procedure reform in China : a failure of success?	Doctor of Philosophy	Huang, Yue	http://hub.hku.hk/mmsid/991043953697203414
Law	Party autonomy in contractual conflict of laws : a Chinese perspective on the adjudication of the enforceability of choice of law clauses	Doctor of Philosophy	Liang, Jieying	http://hub.hku.hk/mmsid/991044014369003414
Law	The rise of multilateral investment treaties : and the development of customary international investment law	Doctor of Philosophy	Repousis, Odysseas	http://hub.hku.hk/mmsid/991044014365203414
Law	The Sino-French controversy over Vietnam 1880-1885 : from tributary system to international legal system	Doctor of Philosophy	Zhang, Xiaoshi	http://hub.hku.hk/mmsid/991043953695303414
Law	An empirical study of US and Chinese perspectives on barriers and possibilities for the expansion of online international commercial arbitration	Master of Philosophy	Wang, Yihan	http://hub.hku.hk/mmsid/991043982879703414
Linguistics	Neural systems and effective connectivity for Chinese reading : mapping between orthography and phonology	Doctor of Philosophy	Xu, Min	http://hub.hku.hk/mmsid/991043979536903414
Mathematics	Mathematical modelling and optimization in biological networks and data	Doctor of Philosophy	Hou, Wenpin	http://hub.hku.hk/mmsid/991043976597803414
Mathematics	Modular local polynomial and vanishing of L-values	Doctor of Philosophy	Kong, Kar-lun	http://hub.hku.hk/mmsid/991044014364903414

Department/Discipline	Thesis title	Degree	Author	Details
Mathematics	Some results on Gaussian feedback channels	Doctor of Philosophy	Liu, Tao	http://hub.hku.hk/mmsid/991043976388503414
Mathematics	Min-max relations on two packing problems	Doctor of Philosophy	Sang, Jiajun	http://hub.hku.hk/mmsid/991043976595403414
Mathematics	On complex geometry and function theory of complex unit balls and their finite volume quotients	Doctor of Philosophy	Wong, Kwok-kin	http://hub.hku.hk/mmsid/991043962677203414
Mathematics	Ranking tournaments with no errors	Doctor of Philosophy	Zhao, Qiulan	http://hub.hku.hk/mmsid/991043976599803414
Mathematics	Shabat-Blaschke products	Master of Philosophy	Chiu, Chung-tak, Kenneth	http://hub.hku.hk/mmsid/991043976598703414
Mathematics	The traveling salesman problem and the subtour linear programming	Master of Philosophy	Feng, Feng	http://hub.hku.hk/mmsid/991043976595703414
Mathematics	Modular forms of small weight and their applications	Master of Philosophy	Fung, King-cheong	http://hub.hku.hk/mmsid/991043962781103414
Mathematics	Hidden Markovian regime-switching models for pricing and investment in financial markets	Master of Philosophy	Lu, Jiejun	http://hub.hku.hk/mmsid/991043976596603414
Mechanical Engineering	Rogue waves in nonlinear evolution systems : application to fluid mechanics	Doctor of Philosophy	Chan, Hiu-ning	http://hub.hku.hk/mmsid/991043976389703414
Mechanical Engineering	Buoyancy-driven flows at the building and city scales	Doctor of Philosophy	Fan, Yifan	http://hub.hku.hk/mmsid/991043979526103414
Mechanical Engineering	Physical understanding of cells and cell-ECM interactions	Doctor of Philosophy	Gong, Ze	http://hub.hku.hk/mmsid/991043976598903414
Mechanical Engineering	Study of silane-assisted electroplating techniques and applications	Doctor of Philosophy	Hau, Nga-yu	http://hub.hku.hk/mmsid/991043953696103414
Mechanical Engineering	Formulation of advanced Lobatto finite elements for structural analyses	Doctor of Philosophy	Hu, Yucai	http://hub.hku.hk/mmsid/991043962783203414
Mechanical Engineering	Multiphase transport : microparticle morphology and heat transfer	Doctor of Philosophy	Kang, Zhanxiao	http://hub.hku.hk/mmsid/991043976599003414
Mechanical Engineering	Novel embedded metal-mesh transparent electrodes : vacuum-free fabrication strategies and applications in flexible electronic devices	Doctor of Philosophy	Khan, Arshad	http://hub.hku.hk/mmsid/991043979526203414
Mechanical Engineering	The surface contamination network and its application in fomite infection studies	Doctor of Philosophy	Lei, Hao	http://hub.hku.hk/mmsid/991043979526503414
Mechanical Engineering	Novel nanostructured plasmonic sensing devices : fabrication, modeling and application	Doctor of Philosophy	Li, Shijie	http://hub.hku.hk/mmsid/991043982882303414
Mechanical Engineering	All-aqueous microfluidic emulsions for templated fabrication of biomaterials	Doctor of Philosophy	Ma, Qingming	http://hub.hku.hk/mmsid/991043976597203414
Mechanical Engineering	Single layer hydraulic model : a theoretical analysis of urban ventilation mechanism in atmospheric boundary layer stratification	Doctor of Philosophy	Ng, Chi-to	http://hub.hku.hk/mmsid/991043953698003414
Mechanical Engineering	Modeling and simulation of cytoskeleton cortex in the studies of intracellular mechanics	Doctor of Philosophy	Sun, Xiaoxuan	http://hub.hku.hk/mmsid/991043982878703414
Mechanical Engineering	Changes in the daily cycle of urban air temperature	Doctor of Philosophy	Wang, Kai	http://hub.hku.hk/mmsid/991043962784403414
Mechanical Engineering	Nanoscale energy transport in organic hybrid materials : combined experimental investigation and molecular dynamics simulation	Doctor of Philosophy	Wang, Xinyu	http://hub.hku.hk/mmsid/991043976387103414
Mechanical Engineering	Urban thermal climate and associated urban heat island circulation	Doctor of Philosophy	Wang, Yi	http://hub.hku.hk/mmsid/991043979539603414
Mechanical Engineering	Novel approaches to liquid/solid-fueled fuel cells	Doctor of Philosophy	Yang, Guandong	http://hub.hku.hk/mmsid/991043976387003414

Department/Discipline	Thesis title	Degree	Author	Details
Mechanical Engineering	Investigation of smart soft robotic grasping with variable stiffness	Doctor of Philosophy	Yang, Yang	http://hub.hku.hk/mmsid/991043976390403414
Mechanical Engineering	New zinc batteries for energy storage	Doctor of Philosophy	Zheng, Dawei	http://hub.hku.hk/mmsid/991043976599203414
Mechanical Engineering	Complex nanofibrous scaffolds encapsulated with growth factors and incorporated with cells for human tissue regeneration	Doctor of Philosophy	Zhou, Yu	http://hub.hku.hk/mmsid/991044014364103414
Mechanical Engineering	Droplet microfluidics : droplet generation and synthesis of superwetting materials	Doctor of Philosophy	Zhu, Pingan	http://hub.hku.hk/mmsid/991043979529603414
Mechanical Engineering	Additive microfabrication of oxide structures by local electrodeposition and its application for fabrication of metallic actuators	Master of Philosophy	Wang, Pingyu	http://hub.hku.hk/mmsid/991043982884303414
Medicine	The role of monoamine oxidase (MAO) and translocator protein (TSPO) on mechanisms linking cigarette smoke to airway injury : in vitro and in vivo	Doctor of Philosophy	Cui, Yuting	http://hub.hku.hk/mmsid/991043982882003414
Medicine	A case-control study on the genetic risks for development of EGFR mutant and wild-type lung adenocarcinoma in never-smoking Chinese population	Doctor of Philosophy	Han, Li	http://hub.hku.hk/mmsid/991043976390103414
Medicine	Therapeutic potential of aldehyde dehydrogenase inhibitor in acute myeloid leukemia	Doctor of Philosophy	Ho, Mun-yung	http://hub.hku.hk/mmsid/991043953698903414
Medicine	Visceral adipose tissue inflammation accelerates atherosclerosis development in obesity through the JNK/A-FABP axis	Doctor of Philosophy	Kwok, Ho-man	http://hub.hku.hk/mmsid/991043976388103414
Medicine	Application of Beers 2012 and STOPP/START criteria : prevalence and health impact on inappropriate prescribing among older adults in Hong Kong	Doctor of Philosophy	Lam, Pui-san, May	http://hub.hku.hk/mmsid/991043953695703414
Medicine	Regulation of PIN1 by microRNAs and its role in hepatocellular carcinoma invasion and metastasis	Doctor of Philosophy	Leong, Ka-wai	http://hub.hku.hk/mmsid/991043962780903414
Medicine	Impaired mouse beta-defensin 4 (mBD4) response to pH1N1 infection associated with high pulmonary viral replication in immunocompromised mice	Doctor of Philosophy	Zhu, Houshun	http://hub.hku.hk/mmsid/991043976595803414
Medicine	Role of Hepatitis B core and X proteins in HBV transcription and recruitment of histone modifying enzymes to HBV covalently closed circular DNA	Master of Philosophy	Chong, Chun-kong	http://hub.hku.hk/mmsid/991043976595503414
Medicine	Mitogen-activated protein kinase (MAPK) pathway aberrations in head and neck squamous cell carcinoma	Master of Philosophy	Ngan, Hoi-lam	http://hub.hku.hk/mmsid/991043976595603414
Medicine	Analysis of efficacy of single agent sorafenib in advanced HCC patients	Master of Philosophy	Nie, Danni	http://hub.hku.hk/mmsid/991043976598403414
Medicine	The roles of nicotinic acetylcholine receptor alpha 7 in mediating effects of smoking in lung cancer	Master of Philosophy	Ning, Ziyu	http://hub.hku.hk/mmsid/991043982884003414
Medicine	Assessment for executive dysfunction in the early stages of Alzheimer's disease : an EEG study using event-related potential analysis	Master of Philosophy	Yang, Congqi	http://hub.hku.hk/mmsid/991043982877903414
Microbiology	Diversity of parvoviruses in bats from China and their evolutionary implications	Doctor of Philosophy	Ahmed, Syed Shakeel	http://hub.hku.hk/mmsid/991043982880303414

Titles of Theses 2018

Department/Discipline	Thesis title	Degree	Author	Details
Microbiology	Study on host adaptation and splicing regulation of NS segment of influenza A viruses	Doctor of Philosophy	Huang, Xiaofeng	http://hub.hku.hk/mmsid/991043953697903414
Microbiology	Characterization of a novel Gammaretrovirus, named TmPV1, infecting thermal dimorphic human pathogenic fungus <i>Talaromyces marneffeii</i> (formerly <i>Penicillium marneffeii</i>)	Doctor of Philosophy	Lo, Chi-shing	http://hub.hku.hk/mmsid/991043982882603414
Microbiology	Vaccination mediates protection against <i>Penicillium marneffeii</i> in BALB/c mice	Doctor of Philosophy	Yang, Fengjuan	http://hub.hku.hk/mmsid/991043982882103414
Microbiology	Functional role of PACT in limiting influenza A virus replication	Doctor of Philosophy	Yuen, Chun-kit	http://hub.hku.hk/mmsid/991043982882203414
Microbiology	First detection of a phylogenetically distinct and highly prevalent human polyomavirus 6 in human bile samples	Master of Philosophy	Tee, Kah Meng	http://hub.hku.hk/mmsid/991043953697403414
Modern Languages and Cultures	Hu Shi's national learning : actualizing the Chinese renaissance by reorganizing national heritage	Doctor of Philosophy	Dramlic, Selena	http://hub.hku.hk/mmsid/991044014367603414
Modern Languages and Cultures	Going public Ueno Chizuko, boundary-work and the diffusion of feminism in Japan	Doctor of Philosophy	Vale, Pui-hung, Jessica	http://hub.hku.hk/mmsid/991043982881803414
Modern Languages and Cultures	A Japanese contest for digital content : an anthropology of state, industry and agent in creative economy	Doctor of Philosophy	Wei, Wei	http://hub.hku.hk/mmsid/991043976597903414
Modern Languages and Cultures	Substantial, symbolic, and supplementary : making sense of the European Parliament's roles in EU relations with China from a role theory perspective	Doctor of Philosophy	Yan, Shaohua	http://hub.hku.hk/mmsid/991043962782603414
Modern Languages and Cultures	Intertextuality of the Nanjing Massacre : the afterlife of missionary writings in transnational literature and cinema	Doctor of Philosophy	Zhang, Pingfan	http://hub.hku.hk/mmsid/991043953698103414
Modern Languages and Cultures	From lawlessness to lawfulness : representation of law and order in Andrew Lau's Young and dangerous series	Master of Philosophy	Li, Chung-tai	http://hub.hku.hk/mmsid/991043976390503414
Modern Languages and Cultures	Effectiveness-risk calculation matters : understanding university students' online rights activism in China	Master of Philosophy	Yu, Haizhou	http://hub.hku.hk/mmsid/991044014360903414
Music	Becoming a tradition : re-inventing the Sanxian	Master of Philosophy	Chan, Hei-tung	http://hub.hku.hk/mmsid/991043962676003414
Music	Sound and nonviolence : music as political action in Hong Kong	Master of Philosophy	Lai, Wan-chi, Winnie	http://hub.hku.hk/mmsid/991043976388203414
Music	The new electric guitarscape in contemporary music	Master of Philosophy	Yip, Chi-chung	http://hub.hku.hk/mmsid/991043976388403414
Nursing Studies	Effect of a Qigong intervention on telomerase activity and psychological well-being of abused Chinese women	Doctor of Philosophy	Cheung, Shuk-ting	http://hub.hku.hk/mmsid/991043982879203414
Nursing Studies	Effectiveness of an adventure-based training programme in promoting physical activity, reducing cancer : related fatigue, enhancing quality of life among Hong Kong Chinese childhood cancer survivors : a randomized controlled trial	Doctor of Philosophy	Ho, Ka-yan, Eva	http://hub.hku.hk/mmsid/991043962781703414
Nursing Studies	Risk prediction of complications and mortality in Chinese patients with type 2 diabetes mellitus	Doctor of Philosophy	Wan, Yuk-fai	http://hub.hku.hk/mmsid/991043982877803414
Nursing Studies	Physical and psychosocial needs of psychiatric patients undergoing discharge : a mixed methods study	Master of Philosophy	Mo, Chor-ha	http://hub.hku.hk/mmsid/991044014367803414
Nursing Studies	The role of pain sensitivity, pain catastrophizing level and personality traits in influencing the pre-hospital delay of acute myocardial infarction patients	Master of Philosophy	Quan, Xiaoli	http://hub.hku.hk/mmsid/991043982879603414

Department/Discipline	Thesis title	Degree	Author	Details
Nursing Studies	The use of the Finnish Diabetes Risk score in a mobile application for identifying persons with hyperglycaemia and predicting type 2 diabetes in the Hong Kong population	Master of Philosophy	Xu, Xinyi	http://hub.hku.hk/mmsid/991043982881503414
Nursing Studies	Economic abuse as a form of intimate partner violence : definition, risk factors, and mental well-being	Master of Philosophy	Yau, Ho-yin Jessie	http://hub.hku.hk/mmsid/991043982878903414
Obstetrics and Gynaecology	Effect of the endocrine disruptor perfluorooctane sulfonate (PFOS) on human pregnancy establishment	Doctor of Philosophy	Li ,Tiantian	http://hub.hku.hk/mmsid/991043962780603414
Obstetrics and Gynaecology	The role of SIRT1 in the induced pluripotent stem cell production	Doctor of Philosophy	Peng, Qian	http://hub.hku.hk/mmsid/991043979552403414
Obstetrics and Gynaecology	The roles of sialyl-Lewis(x)-binding protein and sialidase on spermatozoa-zona pellucida interaction in humans	Doctor of Philosophy	Wang, Ying	http://hub.hku.hk/mmsid/991043982878303414
Ophthalmology	Studies on angiotensin II receptor antagonism in delaying diabetic retinopathy progression in a type 1 diabetic mouse model	Doctor of Philosophy	Qin, Peng	http://hub.hku.hk/mmsid/991043962677803414
Orthopaedics and Traumatology	Role of endothelin-1 in chondrocyte differentiation and cartilage homeostasis	Doctor of Philosophy	Zhao, Weiwei	http://hub.hku.hk/mmsid/991043953697503414
Orthopaedics and Traumatology	Subchondral bone lesions in knee osteoarthritis and its link with vascular pathology	Master of Philosophy	Chan, Pok-man, Boris	http://hub.hku.hk/mmsid/991043982882903414
Orthopaedics and Traumatology	Gestational age, baby-friendly hospital practices and breastfeeding duration in healthy full-term infants in Hong Kong	Master of Philosophy	Fan, Sze-lok	http://hub.hku.hk/mmsid/991043982878203414
Orthopaedics and Traumatology	Directing adult mesenchymal stem cells differentiation towards nucleus pulposus-like lineage by MAP-kinase interference coupled chondrogenic induction	Master of Philosophy	Liu, Di	http://hub.hku.hk/mmsid/991044014367403414
Orthopaedics and Traumatology	Balance control for cervical spondylotic myelopathy : spatial, temporal domain features and compensatory neuroplasticity	Master of Philosophy	Ma, Xin	http://hub.hku.hk/mmsid/991043982879303414
Orthopaedics and Traumatology	High level of endothelin-1 contributes to subchondral bone disturbance in knee osteoarthritis	Master of Philosophy	Yang, Wai-ching	http://hub.hku.hk/mmsid/991043982880603414
Paediatrics and Adolescent Medicine	A new tool for detecting short inversions using next generation sequencing (NGS) data and a systematic comparison of different NGS platforms on detection sensitivities	Doctor of Philosophy	Chen, Ruoyan	http://hub.hku.hk/mmsid/991043982882403414
Paediatrics and Adolescent Medicine	Novel small organic compounds for induction of Epstein-Barr virus (EBV) lytic cycle in EBV-positive epithelial malignancies	Doctor of Philosophy	Choi, Chung-king	http://hub.hku.hk/mmsid/991043962781003414
Paediatrics and Adolescent Medicine	TSPYL2 as a transcription regulator through histone posttranslational modification	Doctor of Philosophy	Liu, Hang	http://hub.hku.hk/mmsid/991044014368803414
Paediatrics and Adolescent Medicine	Comparison of the cytotoxic activity of different human $\gamma\delta$ T cell subsets against influenza virus infected cells	Master of Philosophy	Gao, Yulong, Aaron	http://hub.hku.hk/mmsid/991044014368903414
Paediatrics and Adolescent Medicine	The role of Densin-180 on mouse behavior and synaptic protein distribution	Master of Philosophy	Ng, Chun-pong	http://hub.hku.hk/mmsid/991043976387903414

Department/Discipline	Thesis title	Degree	Author	Details
Pathology	Characterizing novel molecular mechanisms involved in breast cancer tumorigenesis/progression and tamoxifen resistance	Doctor of Philosophy	Gong, Chun	http://hub.hku.hk/mmsid/991043962677903414
Pathology	Identification of enhancers in notochordal cell lineages	Doctor of Philosophy	Ng, Ting-ting	http://hub.hku.hk/mmsid/991044014368303414
Pathology	Transketolase (TKT), a critical enzyme in the pentose phosphate pathway (PPP), counteracts oxidative stress to drive hepatocellular carcinoma (HCC) progression	Doctor of Philosophy	Xu, Mingjing	http://hub.hku.hk/mmsid/991043962678203414
Pathology	Functional characterization and therapeutic role of interleukin-1 receptor-associated kinase 1 (IRAK1) in hepatocellular carcinoma	Master of Philosophy	Cheng, Yik-ling, Bowie	http://hub.hku.hk/mmsid/991043979528603414
Pathology	PAK4 mediated mechanisms contributing to the chemoresistance of ovarian cancer	Master of Philosophy	Du, Yanan	http://hub.hku.hk/mmsid/991044014368003414
Pathology	The functional roles and therapeutic implications of FOXM1 and CENPF in hepatocellular carcinoma	Master of Philosophy	Lam, Wai-ling, Macrina	http://hub.hku.hk/mmsid/991043982880803414
Pathology	Targeting liver-tumor initiation cells via hampering the lipogenesis pathways through stearoyl-CoA desaturase	Master of Philosophy	Ma, Kin-fai	http://hub.hku.hk/mmsid/991044014367303414
Pharmacology and Pharmacy	The association between the use of oral fluoroquinolones and rare cephalic adverse events	Doctor of Philosophy	Chui, Sze-ling, Celine	http://hub.hku.hk/mmsid/991043962780403414
Pharmacology and Pharmacy	Pharmacological activation of biased soluble guanylyl cyclase activity in the blood vessel wall	Doctor of Philosophy	Detremmerie, Charlotte Marie Simonne	http://hub.hku.hk/mmsid/991043962676103414
Pharmacology and Pharmacy	Investigation of intranasal dexmedetomidine : pharmacokinetic-pharmacodynamic characteristics and formulation	Doctor of Philosophy	Li, Aiwei	http://hub.hku.hk/mmsid/991043982878003414
Philosophy	A structuralist reconciliation of the realist and nomological views in Bohmian mechanics	Doctor of Philosophy	Matarese, Vera	http://hub.hku.hk/mmsid/991043976599403414
Philosophy	The morality of harm and risk	Doctor of Philosophy	Song, Fei	http://hub.hku.hk/mmsid/991044014363003414
Philosophy	Evolutionary debunking of moral realism	Doctor of Philosophy	Wang, Qin	http://hub.hku.hk/mmsid/991043982884503414
Philosophy	Happiness, well-being, and the Zhuangzi	Master of Philosophy	Law, Chun-yin	http://hub.hku.hk/mmsid/991043962676603414
Physics	Electrical, optical and magnetic properties of Er-doped ZnO grown by pulsed laser deposition	Doctor of Philosophy	Azad, Fahad	http://hub.hku.hk/mmsid/991043982883903414
Physics	Fast algorithms for large scale quantum transport simulations with applications	Doctor of Philosophy	Cheung, King-tai	http://hub.hku.hk/mmsid/991044014361303414
Physics	BEC-BCS crossover in ultra-cold Fermi gases	Doctor of Philosophy	Ding, Shanshan	http://hub.hku.hk/mmsid/991044014360503414
Physics	Optical transitions and excitonic effects in two-dimensional transition-metal dichalcogenides	Doctor of Philosophy	Gong, Pu	http://hub.hku.hk/mmsid/991044014368403414
Physics	Theoretical studies on disordered topological semi-metals	Doctor of Philosophy	Huang, Xianjia	http://hub.hku.hk/mmsid/991044014359203414
Physics	Single component fermion near a P-wave resonance and few-body problem with correlated disorder potential	Doctor of Philosophy	Liu, Guangcun	http://hub.hku.hk/mmsid/991043979537503414
Physics	Comprehensive defects study of Sb doped ZnO films : the insights of donors and acceptors	Doctor of Philosophy	Luo, Caiqin	http://hub.hku.hk/mmsid/991044014366503414
Physics	Optical studies of luminescence mechanisms and processes in semiconductor functional nanostructures and novel materials	Doctor of Philosophy	Su, Zhicheng	http://hub.hku.hk/mmsid/991044014362503414

Department/Discipline	Thesis title	Degree	Author	Details
Physics	Theoretical studies of PT symmetric topological gapless photonic crystals	Doctor of Philosophy	Xie, Biye	http://hub.hku.hk/mmsid/991044014363203414
Physics	Investigations of time-dependent quantum transport properties in nanoscale structures	Doctor of Philosophy	Yuan, Jiangtao	http://hub.hku.hk/mmsid/991043976390603414
Physics	Search for heavy Higgs bosons in lepton + jets final states with the ATLAS detector at the Large Hadron Collider	Master of Philosophy	Chang, Paulo Irvin Ang	http://hub.hku.hk/mmsid/991044014363603414
Physics	Optical studies of exciton-phonon coupling in nonpolar plane GaN	Master of Philosophy	Wang, Mingzheng	http://hub.hku.hk/mmsid/991043962784703414
Physics	Transport property of infinitely large 2D material	Master of Philosophy	Xia, Fanbing	http://hub.hku.hk/mmsid/991044014363803414
Physics	Multi-fields modulation on transport properties in perovskite manganites	Master of Philosophy	Zeng, Jiali	http://hub.hku.hk/mmsid/991044014362403414
Physiology	Study of mechanisms underlying the effects of brain-derived neurotrophic factor (BDNF) on the developmental acquisition of graviceptive behaviour	Doctor of Philosophy	De Nogueira Botelho, Francisco Paulo	http://hub.hku.hk/mmsid/991043979536703414
Politics and Public Administration	Transparency of foundations in China	Doctor of Philosophy	Nie, Lin	http://hub.hku.hk/mmsid/991043962781903414
Politics and Public Administration	Innovation of manufacturing industries in the Pearl River Delta Region	Doctor of Philosophy	Qiu, Qing	http://hub.hku.hk/mmsid/991043962782303414
Politics and Public Administration	Contentious challenges and state capacity : why do governments respond differently to social protests in contemporary China?	Doctor of Philosophy	Zhou, Kai	http://hub.hku.hk/mmsid/991043962782103414
Psychiatry	Different mechanisms underlying decision making impairment on Iowa gambling task in patients with eating disorders and healthy young female participants	Doctor of Philosophy	Wang, Fan	http://hub.hku.hk/mmsid/991043953696603414
Psychology	Are faster readers also better readers? : exploring the role of reading fluency in Chinese children's reading development	Doctor of Philosophy	Hsu, Shih Ju	http://hub.hku.hk/mmsid/991043982880203414
Psychology	The role of sleep in cognitive and affective biases associated with depression	Doctor of Philosophy	Lau, Nga-ting	http://hub.hku.hk/mmsid/991043979523603414
Psychology	Assessment and evaluation of perceived video game realism as a mediator of internet gaming disorder	Doctor of Philosophy	Li, Yee-lam	http://hub.hku.hk/mmsid/991044014360603414
Psychology	Relationships between visual awareness and approach-withdrawal behaviours	Doctor of Philosophy	Terrighena, Esslin Leona	http://hub.hku.hk/mmsid/991043979529403414
Psychology	The neuropsychological relationships of perceived loneliness and affective functioning	Doctor of Philosophy	Wong, Man-lok, Nichol	http://hub.hku.hk/mmsid/991044014361803414
Psychology	Examining the theoretical determinants of operational momentum	Master of Philosophy	Lau, Tsz-tan	http://hub.hku.hk/mmsid/991044014366903414
Psychology	Visuomotor adaptation of locomotion and generalization across tasks investigated using virtual reality	Master of Philosophy	Xing, Xing	http://hub.hku.hk/mmsid/991043962780703414
Psychology	Impaired self-regulation following ostracism : the moderating role of implicit theories about willpower	Master of Philosophy	Zhang, Enci	http://hub.hku.hk/mmsid/991044014367003414
Psychology	The impact of sleep loss on emotion regulation and emotional perception in young adults	Master of Philosophy	Zhang, Jinxiao	http://hub.hku.hk/mmsid/991044014361103414

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Department/Discipline	Thesis title	Degree	Author	Details
Public Health	Tropism and pathogenesis of influenza B virus in human and swine respiratory tracts	Doctor of Philosophy	Bui, Huyen Trang	http://hub.hku.hk/mmsid/991044014369103414
Public Health	Influenza A/H7N9 virus infection of human and swine respiratory epithelium : tissue tropism and pathogenesis	Doctor of Philosophy	Chan, Lok-yung	http://hub.hku.hk/mmsid/991044014369403414
Public Health	Train-the-trainer programmes for community-based intervention projects to enhance family well-being in Hong Kong	Doctor of Philosophy	Lai, Yuen-kwan, Agnes	http://hub.hku.hk/mmsid/991043982883603414
Public Health	Blood viscosity and cardiovascular disease	Doctor of Philosophy	Zhong, Yi	http://hub.hku.hk/mmsid/991043953698303414
Public Health	Assessment of influenza A virus airborne transmission potential under experiment settings and at the human-animal interface	Doctor of Philosophy	Zhou, Jie	http://hub.hku.hk/mmsid/991043982884203414
Public Health	Do health effects of milk involve gut microbiome or branched-chain amino acids?	Master of Philosophy	Yang, Qian	http://hub.hku.hk/mmsid/991044014368703414
Real Estate and Construction	The unintended consequences of regulations : a case study of the Estate Agents Ordinance in Hong Kong	Doctor of Philosophy	Chan, Wai-hong	http://hub.hku.hk/mmsid/991043979521303414
Real Estate and Construction	An investigation of the influence of project complexity on communications in engineering construction projects	Doctor of Philosophy	Chen, Nazhen	http://hub.hku.hk/mmsid/991043979536203414
Real Estate and Construction	The lock-in effects of subsidized homeownership in Hong Kong	Doctor of Philosophy	Cheung, Ka-shing	http://hub.hku.hk/mmsid/991043979525903414
Real Estate and Construction	Intellectual capital and innovation in construction firms : the role of learning capability	Doctor of Philosophy	Duodu, Bismark	http://hub.hku.hk/mmsid/991043962784103414
Real Estate and Construction	Information asymmetry in the first- and second-hand housing market	Doctor of Philosophy	Li, Ling	http://hub.hku.hk/mmsid/991043962780503414
Real Estate and Construction	The impact of real estate developers' pricing strategies on sales outcomes	Doctor of Philosophy	Li, Ye, Joy	http://hub.hku.hk/mmsid/991043979553403414
Real Estate and Construction	Development of a multifunctional building information modelling (BIM) maturity model	Doctor of Philosophy	Liang, Cong	http://hub.hku.hk/mmsid/991043962782203414
Real Estate and Construction	An investigation of how information processing impacts boundary spanning activities in managing construction design changes from the perspective of contractors	Doctor of Philosophy	Liu, Shihuijun	http://hub.hku.hk/mmsid/991043979537103414
Real Estate and Construction	Hong Kong relational contracting : an investigation into the attitudes and behaviours of contractors' project teams	Doctor of Philosophy	Memon, Shoeb Ahmed	http://hub.hku.hk/mmsid/991043979553703414
Real Estate and Construction	Environmental strategies for enhancing the quality of elderly care facilities in an aging society : post-occupancy evaluation on care and attention homes for the elderly in Hong Kong	Doctor of Philosophy	Tao, Yiqi	http://hub.hku.hk/mmsid/991043982878803414
Social Sciences	Bayesian censoring approach to rounded zeros in compositional data	Doctor of Philosophy	Leung, Tak-ching	http://hub.hku.hk/mmsid/991043953697303414
Social Work and Social Administration	Culturally specific resilience processes of health-risk behaviors among Pakistani and Indian youth in the Hong Kong context : a mixed-methods study	Doctor of Philosophy	Arat, Gizem	http://hub.hku.hk/mmsid/991043953696303414
Social Work and Social Administration	The role of coping flexibility with behavioral approach system (BAS) activating life events : a prospective longitudinal study involving people with and without bipolar disorder	Doctor of Philosophy	Chan, Ho-wan, Sunny	http://hub.hku.hk/mmsid/991043953695103414

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Department/Discipline	Thesis title	Degree	Author	Details
Social Work and Social Administration	Characteristics and processes of intergenerational support and its association with elderly life satisfaction in China	Doctor of Philosophy	Chen, Jia	http://hub.hku.hk/mmsid/991043976596203414
Social Work and Social Administration	Ultra-low fertility in high-income Asian societies : a comparison of Hong Kong, Taiwan, Singapore, South Korea, and Japan	Doctor of Philosophy	Chen, Mengni	http://hub.hku.hk/mmsid/991043979552203414
Social Work and Social Administration	Effects of parental migration on Chinese adolescents' mental health : a mixed method study	Doctor of Philosophy	Fu, Yao	http://hub.hku.hk/mmsid/991044014359103414
Social Work and Social Administration	Factors affecting community-dwelling older people's long-term care needs and utilization : a case study in Beijing, China	Doctor of Philosophy	Fu, Yuanyuan	http://hub.hku.hk/mmsid/991043976390003414
Social Work and Social Administration	Government POS contracting and its impact on SWOs development in China	Doctor of Philosophy	Gong, Huihui	http://hub.hku.hk/mmsid/991043962677403414
Social Work and Social Administration	Neighborhood poverty and wellbeing in Hong Kong : a spatial and multilevel analysis	Doctor of Philosophy	Guo, Yingqi	http://hub.hku.hk/mmsid/991043982884403414
Social Work and Social Administration	Neighbourhood effects on mental health in Hong Kong	Doctor of Philosophy	Hsu, Chia-Yueh	http://hub.hku.hk/mmsid/991043953695903414
Social Work and Social Administration	Coexisting sleep disturbances and depressive symptoms : treatment effects and mechanism of the integrative body-mind-spirit group intervention	Doctor of Philosophy	Ji, Xiaowen	http://hub.hku.hk/mmsid/991043976596403414
Social Work and Social Administration	Human patient simulation (HPS) improves nursing students competence in providing nursing care to older adult experiencing acute stroke : a randomized controlled trial	Doctor of Philosophy	Kaur, Baljit	http://hub.hku.hk/mmsid/991043979551603414
Social Work and Social Administration	Return migration of the second-generation Hong Kong Chinese immigrants : decision-making, psychological re-adaptation, and re-emigration Plan	Doctor of Philosophy	Li, Jia	http://hub.hku.hk/mmsid/991043979528303414
Social Work and Social Administration	Governance of social welfare service provision in Hong Kong : an analysis of the social welfare subvention policy	Doctor of Philosophy	Shum, Hei-yan	http://hub.hku.hk/mmsid/991043976599103414
Social Work and Social Administration	Collective psychological ownership : an emerging construct for workplace well-being	Doctor of Philosophy	Su, Xuebing	http://hub.hku.hk/mmsid/991043976598003414
Social Work and Social Administration	Marital quality and three-generational relationships function : the mediating role of child influencing behaviors	Doctor of Philosophy	Sun, Qian	http://hub.hku.hk/mmsid/991043979523103414
Social Work and Social Administration	Quality of life of migrant children in urban China	Doctor of Philosophy	Sun, Xiaoyue	http://hub.hku.hk/mmsid/991043976597103414
Social Work and Social Administration	Hypnotherapy for persons with irritable bowel syndrome	Doctor of Philosophy	Wan, Yuen-ping	http://hub.hku.hk/mmsid/991043976389203414
Social Work and Social Administration	Childhood exposure to family violence increases risk for nonsuicidal self-injury and intimate partner violence : the mediating roles of emotion dysregulation and trait anger	Doctor of Philosophy	Wang, Ling	http://hub.hku.hk/mmsid/991043976389403414
Social Work and Social Administration	The neglected role of post-loss anxiety in bereavement outcomes : a SEM longitudinal study on Hong Kong bereaved Chinese	Doctor of Philosophy	Yan, Bo	http://hub.hku.hk/mmsid/991043962783503414

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Social Work and Social Administration	A study on the concurrent and predictive validity of the concise Chinese level of expressed emotion scale in Chinese persons with schizophrenia	Doctor of Philosophy	Yeung, Chi-hung	http://hub.hku.hk/mmsid/991043982882503414
Social Work and Social Administration	Transcending the horizons : social work case management in services for adults with intellectual disabilities in Hong Kong	Master of Philosophy	Xun, Kangwei	http://hub.hku.hk/mmsid/991043962784303414
Sociology	Labor protest and grassroots trade union reform : a study on the automobile industry in South China	Doctor of Philosophy	Deng, Yunxue	http://hub.hku.hk/mmsid/991043953697603414
Sociology	Popular politics, social movements and the struggle for substantive citizenship in contemporary South Africa	Doctor of Philosophy	Nyawasha, Tawanda Sydesky	http://hub.hku.hk/mmsid/991043979521103414
Sociology	One family, two systems : raising children across the Hong Kong-mainland China border (2003-2012)	Doctor of Philosophy	Yan, Lijun	http://hub.hku.hk/mmsid/991043962677503414
Sociology	Finding place in the liquid city : mobility and identity in Lan Kwai Fong	Master of Philosophy	Jankowski, Krzysztof Zenon	http://hub.hku.hk/mmsid/991043953699003414
Sociology	An investigation on the interrelationship between religious volunteering and volunteer's spiritual attributes	Master of Philosophy	Lü, Yulin	http://hub.hku.hk/mmsid/991043953696903414
Sociology	Cross-border marriage in China : a case study in Fangzheng	Master of Philosophy	Lyu, Tianchi	http://hub.hku.hk/mmsid/991043962783303414
Speech and Hearing Sciences	Perception and production of emotional prosodies in people with Parkinson's disease and associated hypokinetic dysarthria	Doctor of Philosophy	Chen, Li-ying Lorinda	http://hub.hku.hk/mmsid/991043979536303414
Speech and Hearing Sciences	Treatment of chronic post-stroke dysphagia using 5Hz repetitive transcranial magnetic stimulation (rTMS)	Doctor of Philosophy	Cheng, Ka-yu	http://hub.hku.hk/mmsid/991044014366003414
Speech and Hearing Sciences	The production and perception of English lexical stress by Hong Kong Cantonese learners of English	Doctor of Philosophy	Lai, Wing-sze, Wience	http://hub.hku.hk/mmsid/991043979525803414
Statistics and Actuarial Science	Mean field games with imperfect information	Doctor of Philosophy	Chau, Man-ho	http://hub.hku.hk/mmsid/991044014363703414
Statistics and Actuarial Science	Topics in optimal reinsurance design, risk measures, and forward performance processes	Doctor of Philosophy	Chong, Wing-fung	http://hub.hku.hk/mmsid/991044014366203414
Statistics and Actuarial Science	Modeling of high-dimensional realized volatility matrices with financial applications	Doctor of Philosophy	Shen, Keren	http://hub.hku.hk/mmsid/991043976389603414
Statistics and Actuarial Science	Some topics on deep learning and text analytics	Doctor of Philosophy	Tang, Yaohua	http://hub.hku.hk/mmsid/991043976390303414
Statistics and Actuarial Science	Incomplete categorical data, inflated count data analyses and robust modeling with applications	Doctor of Philosophy	Zhang, Chi	http://hub.hku.hk/mmsid/991043979552803414
Statistics and Actuarial Science	Robust methods and quantile inference for econometric models	Doctor of Philosophy	Zheng, Yao	http://hub.hku.hk/mmsid/991043976595903414
Statistics and Actuarial Science	On quantile inference for conditional heteroscedastic models	Doctor of Philosophy	Zhu, Qianqian	http://hub.hku.hk/mmsid/991043976387503414
Statistics and Actuarial Science	Optimality studies for risk models with premium control	Master of Philosophy	Jiang, Xin	http://hub.hku.hk/mmsid/991044014362003414
Statistics and Actuarial Science	Analysis of the calendar year effect in claims reserving : from ultimate to one-year perspectives	Master of Philosophy	Tian, Dongzi	http://hub.hku.hk/mmsid/991043982883003414
Statistics and Actuarial Science	Statistical analysis in genetic imprinting on the X chromosome and DNA forensics	Master of Philosophy	Yu, Kexin	http://hub.hku.hk/mmsid/991043976599303414

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Department/Discipline	Thesis title	Degree	Author	Details
Statistics and Actuarial Science	A study on modeling of the realized covariance matrices	Master of Philosophy	Zhou, Jiayuan	http://hub.hku.hk/mmsid/991043976596503414
Statistics and Actuarial Science	Two insurance/finance risk management problems	Master of Philosophy	Zhu, Wei	http://hub.hku.hk/mmsid/991044014361203414
Surgery	NLRP3 inflammasome induced liver graft injury through activation of telomere-independent repressor activator protein 1/ keratinocyte chemoattractant axis	Doctor of Philosophy	Liu, Hui	http://hub.hku.hk/mmsid/991043962780303414
Surgery	Swallowing function after esophagectomy for esophageal cancer	Doctor of Philosophy	Yuen, Tuen-ying, Margaret	http://hub.hku.hk/mmsid/991043982883103414
Surgery	Investigation of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK)-induced chemoresistance in breast cancer	Master of Philosophy	Guan, Zhong	http://hub.hku.hk/mmsid/991043953696503414
Urban Planning and Design	Economic and social upgrading of the Pearl River Delta, China	Doctor of Philosophy	Wang, Xu	http://hub.hku.hk/mmsid/991043982880903414
Urban Planning and Design	Institutional fit of development zone-led peri-urbanization in China	Doctor of Philosophy	Wei, Xueji	http://hub.hku.hk/mmsid/991043962677003414
Urban Planning and Design	Automatic extraction of indoor navigation graph from building information model	Doctor of Philosophy	Zhong, Teng	http://hub.hku.hk/mmsid/991043982879003414