List of 2017 Hong Kong Principal Investigators

Ref. No	Academic Discipline	Name	Institution	Academic Rank	Department	Research Project
2017-001	0202 應用經濟學	魏向东	LN	Professor	Economics	Educatiom, Human Capital Development and Economic Growth 教育、人力资本和经济增长
2017-002	0402 心理學	林丹	EDUHK	Associate Professor	Psychology	Language Acquisition 語言習得
2017-003	0702 物理學	劉仁保	CUHK	Professor	Physics	Quantum open systems of interacting spins 有相互作用的自旋量子開放系統
2017-004	0702 物理學	余兆豐	PolyU	Professor	Applied Physics	Development of high upconversion efficiency nanoparticles for deep optical applications 開發高上轉換效率納米粒子用於深紫外光學應用
2017-005	0702 物理學	陳子亭	HKUST	Chair Professor	Physics	The physics of exceptional points in non-Hermitian systems 非厄米體系中奇異點的物理研究
2017-006	0702 物理學	黃錦聖	HKUST	Professor	Physics	Time-resolved study of carrier transport and nonlinear properties of perovskite/organic solar cells and plasmonic nanostructures 钙钛矿/有机太阳能电池及等离子体纳米结构中，载流子传输和非线性性质的时间分辨研究
2017-007	0702 物理學	王大军	CUHK	Associate Professor	Physics	Investigation of many-body physics with ultracold polar molecules in optical lattice 超冷极性分子在光晶格中的多体物理问题研究
2017-008	0703 化學	陳冠華	HKU	Professor	Chemistry	Quantum simulation of optoelectronic devices 光电子器件的量子模拟
2017-009	0703 化學	羅錦榮	CityU	Professor	Biology and Chemistry	Strategic Utilization of the Photophysical and Photochemical Properties of Luminescent Transition Metal Complexes as Synthetic Substrates for Protein Tags 發光過渡金屬絡合物的光物理和光化學性質作為蛋白質標記合成基質的策略性利用
2017-010	0703 化學	李紅榮	HKBU	Associate Professor	Chemistry	Development of ultra-sensitive detection assays for the proteins and DNA of exosomes 开发用于外来体的蛋白质和 DNA 的超灵敏检测测定
2017-011	0703 化學	黃文成	HKBU	Professor	Chemistry	Alzheimer’ s Disease: From Detection, Diagnostics to Therapeutics 阿尔茨海默氏病：从检测，诊断到治疗

2017-012	0703 化學	鄺福兒	PolyU	Professor	Applied Biology and Chemical Technology	Design and Development of New Phosphine Ligand for Aromatic C-O bond Cleavage in Palladium-Catalyzed Cross-Coupling Reactions 新型膦配體的設計與發展：於鈀催化的交叉關聯反應及 C-O 鍵切割研究
2017-013	0703 化學	黃維揚	PolyU	Chair Professor	Applied Biology and Chemical Technology	New Molecular Functional Materials for Energy Conversion and Storage 用于能量转化和存储的新型分子功能材料
2017-014	0703 化學	梁士賢	HKBU	Associate Professor	Chemistry	Probing the Environmental Fate of Emerging Contaminants 探索新興污染物的環境歸趨
2017-015	0703 化學	黃嘉良	HKBU	Associate Professor	Chemistry	Lanthanide bioprobes for imaging and inhibition of overexpressed proteins for cancer therapy 镧系荧光探针對腫瘤中高表达蛋白的抑制和成像作用
2017-016	0703 化學	邵敏华	HKUST	Associate Professor	Chemical and Biomolecular Engineering	Advanced Materials for Electrochemical Energy Devices 电化学能源器件先进材料
2017-017	0703 化學	马迪龙	HKBU	Associate Professor	Chemistry	Development of Pin1 inhibitors for the treatment of hepatitis C 抗丙型肝炎 Pin1 抑制剂的研究
2017-018	0703 化學	吳基培	CUHK	Professor	Chemistry	Multi-functional Molecular Theranostic Agents for Cancer Imaging and Therapy 多功能性分子診斷治療藥劑在癌症顯影和治療中的應用
2017-019	0705 地理學	徐袁	CUHK	Associate Professor	Geography and Resource Management	Integrating satellite data for compliance monitoring on CO2, SO2 and NOx in China's emission hotspots: A case study 整合衛星數據來進行中國 CO2, SO2 和 NOx 排放熱點的守法監測：一項案例研究
2017-020	0705 地理學	林珲	CUHK	Professor	Institute of Space and Earth Information Science	Simulation and evaluation on the interactive influence between human activities and global change 人类活动与全球变化相互影响的模拟与评估
2017-021	0706 大氣科學	郭海	PolyU	Professor	Civil and Environmental Engineering	Urbanisation and Atmospheric Secondary Organic Matter: Role of Anthropogenic Processes on its Formation and Consequences on Human Exposure and Health 城市化和大氣二次有機物：人為過程對其形成的作用和其對人類健康的後果
2017-022	0707 海洋科學	朱嘉濠	CUHK	Professor	School of Life Sciences	Marine Genomics: Crustacean Evolution and Aquaculture 海洋基因組學：甲殼類動物進化和水產養殖

2017-023	0707 海洋科學	陳荔	CityU	Associate Professor	Biomedical Sciences	Benthic and epiphytic toxic algae (BETA): An Emerging Threat to coral ecosystems in Hong Kong Waters 底棲及附生有毒藻類 (BETA): 香港水域珊瑚生態系統的新興威脅
2017-024	0707 海洋科學	王文雄	HKUST	Chair Professor	Life Sciences	Metal ecotoxicology and biogeochemistry, nanotoxicology 重金属生态毒理学，生物地球化学，纳米毒理学
2017-025	0709 地質學	周美夫	HKU	Professor	Earth Sciences	Magmatic/hydrothermal mineral deposits 岩浆(热液)矿床
2017-026	0709 地質學	焦赳赳	HKU	Professor	Earth Sciences	Groundwater and its interaction with surface water 地下水及其與地表水相互作用
2017-027	0710 生物學	黃港住	HKBU	Professor	Biology	Osmosensing and Osmoregulation in Fish 魚類滲透和滲透調節
2017-028	0710 生物學	夏亦荠	HKBU	Professor	Biology	Transcriptional and epigenetic regulation of stress responses in plants 植物胁迫反应的转录和表观调控
2017-029	0710 生物學	叶社平	PolyU	Professor	Health Technology and Informatics	Zebrafish as a model system for the study of human diseases 以斑马鱼作为人类疾病的研究模型系统
2017-030	0710 生物學	潘烈文	HKU	Professor	School of Public Health	Codon bias of influenza virus and its potential application 流行性感冒同義編碼偏差及其應用
2017-031	0710 生物學	蕭明輝	PolyU	Associate Professor	Health Technology and Informatics	Mechanistic study of high-intensity interval training (HIIT) 高強度間歇運動訓練的分子機制研究
2017-032	0710 生物學	禤承恩	HKU	Associate Professor	School of Biomedical Sciences	Understanding Self-Restraining Mechanisms in DNA Damage Surveillance & Repair DNA 損傷監測與修復的自我約束機制
2017-033	0710 生物學	歐慧婷	CityU	Associate Professor	Biology and Chemistry	Vertebral Deformity Induced by Ancestral Exposure to Benzo[a]pyrene Using Unique Transgenic Medaka Bone Model 利用獨特的轉基因青鱂魚骨模型研究親代苯並（a）芘暴露所引起的脊椎畸形
2017-034	0710 生物學	屠承信	PolyU	Associate Professor	Health Technology and Informatics	Establishing the role of phosphoinositde 3-kinase delta isoform in cancer metastasis 確立磷酸肌醇 3 激酶 p110δ亞型在癌症轉移中的作用
2017-035	0710 生物學	鄭淑嫻	CityU	Chair Professor	Biomedical Sciences	developing novel therapeutics to enhance cardiac repair: lessons learned from the zebrafish heart regeneration 开发新型治疗以增强心脏修复：从斑马鱼心脏再生的经验教训

2017-036	0714 統計學	沈海鹏	HKU	Professor	School of Business	Precision Care for Stroke: Healthcare Big Data- Driven Clinical Decision Support 脑卒中精准医疗:基于医疗大数据的临床决策支持
2017-037	0714 統計學	樊晓丹	CUHK	Associate Professor	Statistics	Gastric cancer genomics and beyond – moving from patient samples to 3D organoid cultures for integrative genomics analysis, drug sensitivity assays, cell biological studies and animal models 胃癌基因組學與發展: 以病人活組織培養三維類器官细胞團作整合性基因組分析、藥物敏感測定、細胞生物學及動物模型研究
2017-038	0801 力學	林志华	CityU	Professor	Architecture and Civil Engineering	A Symplectic Elasticity Approach for Large Deformation Nonlinear Mechanics of Topological Gels 基于辛弹性方法的拓扑凝胶非线性大变形力学
2017-039	0801 力學	吕坚	CityU	Chair Professor	Mechanical and Biomedical Engineering	Joint R&D of Biometals as Orthopaedic Implants 聯合研發生物金屬骨科內植物
2017-040	0801 力學	成利	PolyU	Chair Professor	Mechanical Engineering	Structural and Acoustic Waves: Manipulation, Control and Mornitoring 结构及声波的操纵，控制及监测
2017-041	0802 機械工程	廖维新	CUHK	Professor	Mechanical and Automation Engineering	Smart Materials and Structures, Energy Harvesting, Vibration, Mechatronics, Robotic Exoskeleton 智能材料与结构，能量收集，机电一体化，振动， 外骨骼机器人
2017-042	0802 機械工程	劉雲輝	CUHK	Professor	Mechanical and Automation Engineering	Medical robots design and control, human-robot interactions, service robotics, vision-based control of robotic systems, machine intelligence 机器人：医疗机器人设计与控制、人机交互、服务机器人、基于视觉的机器人系统控制、机器智能
2017-043	0802 機械工程	李杨民	PolyU	Professor	Industrial and Systems Engineering	Micro/nano manipulation robot 微纳米操作机器人
2017-044	0802 機械工程	陳達良	PolyU	Professor	Mechanical Engineering	Gaseous and Particulate Pollutants in Combustion 燃燒中氣態及顆粒污染物研究
2017-045	0802 機械工程	张志辉	PolyU	Professor	Industrial and Systems Engineering	An Encoded-light-based Autostereoscopic Metrology System for In-situ Measurement of Three Dimensional (3D) Structured Surfaces 一個用于三維（3D）結構表面原位測量之光編碼自動立體計量系統
2017-046	0803 光學工程	蔡凱威	HKU	Associate Professor	Electrical and Electronic	III-V Electronics and Optoelectronics Integration III-V 電子與光電子集成電路

					Engineering	
2017-047	0803 光學工程	卫炳江	PolyU	Chair Professor	Electronic and Information Engineering	Research on silicon based optical waveguides and photonic devices 硅基光波导及光子器件研究
2017-048	0803 光學工程	靳伟	PolyU	Chair Professor	Electrical Engineering	Raman and Brillouin sensors with micro and nano structrued optial fibers 微纳结构光纤拉曼和布里渊传感器
2017-049	0803 光學工程	杜雪	PolyU	Associate Professor	Industrial and Systmes Engineering	Ultra-precision machining of hierarchical micro/nano-structures 超精密加工多层次微纳结构
2017-050	0803 光學工程	曾漢奇	CUHK	Professor	Electronic Engineering	Integrated Quantum Photonics 集成量子光学
2017-051	0805 材料科學與工程	Juan Antonio Zapien	CityU	Associate Professor	Physics and Materials Science	Design and optimization of hybrid semiconductor - plasmon nanostructures for sensing and energy applications 混合半导体 - 用于传感和能量应用的等离子体激元纳米结构的设计和优化
2017-052	0805 材料科學與工程	李刚	PolyU	Associate Professor	Electronic and Information Engineering	High performance organic photovoltaic devices 高性能有机光伏器件
2017-053	0805 材料科學與工程	鄧青雲	HKUST	Chair Professor	Institute for Advanced Study	Degradation of OLED devices OLED 器件的退化机理研究
2017-054	0805 材料科學與工程	何頌賢	CityU	Associate Professor	Physics and Materials Science	Development of Semiconductor Nanowire Based Devices for Terahertz Applications 用于太赫兹应用的半导体纳米线器件开发
2017-055	0805 材料科學與工程	王循理	CityU	Chair Professor	Physics and Materials Science	Structure Relaxation and Phase Transition in Metallic Liquids 液态金属玻璃结构弛豫与相变
2017-056	0805 材料科學與工程	李泉	CUHK	Professor	Physics	Intracellular sensing by nanomaterials 细胞内纳米传感探测
2017-057	0805 材料科學與工程	余健文	CityU	Professor	Physics and Materials Science	oxide based photovoltaic materials 氧化物基光伏材料
2017-058	0805 材料科學與工程	陳鏡昌	PolyU	Professor	Industrial and Systems Engineering	Molecular Dynamic Simulations of Deformation Behaviour of Metallic Glasses 金属玻璃变形行为的分子动力学模拟

2017-059	0805 材料科學與工程	華禮生	CityU	Associate Professor	Physics and Materials Science	Safe Physical Sensory Systems for Human-Robot Collaborative Tasks 安全人機協作任務上使用的感應系統
2017-060	0805 材料科學與工程	汪正平	CUHK	Professor	Electronic Engineering	Towards Uniform High-Aspect-Ratio Metal-assisted Chemical Etching of Silicon in Nanoscale 實現矽在納米級的均勻高縱橫比金屬輔助化學蝕刻
2017-061	0805 材料科學與工程	梁国熙	CityU	Professor	School of Energy and Environment	Development of solar photocatalyst for clean energy and environment 用于洁净能源及环境的太阳能光触媒研发
2017-062	0805 材料科學與工程	费宾	PolyU	Associate Professor	Institute of Textiles & Clothing	Study on photocatalytic efficiency of encapsulated perovskite nanoparticles 包覆钙钛矿纳米颗粒的光催化效率研究
2017-063	0805 材料科學與工程	Andrey ROGACH	CityU	Chair Professor	Physics and Materials Science	Optical spectroscopy and devices based on semiconductor nanocrystals 基于纳米晶半导体器件的光谱
2017-064	0805 材料科學與工程	郝建华	PolyU	Professor	Applied Physics	Novel optoelectronic and energy materials for device applications 面向器件应用的新型光电和能源材料
2017-065	0805 材料科學與工程	黃陟峰	HKBU	Associate Professor	Physics	Interfacial Engineering of Wearable Solar Energy Harvesting and Storage 可穿戴太阳能发电和存储的界面调控
2017-066	0805 材料科學與工程	王钻开	CityU	Associate Professor	Mechanical and Biomedical Engineering	Superhydrophobic surface 超疏水界面
2017-067	0807 動力工程與工程熱物理	倪萌	PolyU	Professor	Building and Real Estate	Modeling and simulation of fuel cells/batteries for efficient energy conversion 用于高效能量转换的燃料电池/电池的建模和模拟
2017-068	0808 電氣工程	Ian Ridley	CityU	Associate Professor	School of Energy and Environmnet	Advanced Wireless Power Transfer for Smart Home 智能家居用非接触式能量传输系统
2017-069	0808 電氣工程	李安國	HKU	Chair Professor	Electrical & Electronic Engineering	Smart Grid 智能電網
2017-070	0808 電氣工程	傅為農	PolyU	Professor	Electrical Engineering	Research and Development of Multi-phase High-torque-density Direct-drive Electric Motors 多相高转矩密度直驱电动机的研究和开发

2017-071	0809 電子科學與技術	張世平	HKBU	Associate Professor	School of Chinese Medicine	Wearable Acupoint Diagnostic and Treatment Device Project 戴式穴位診療裝置研發項目
2017-072	0809 電子科學與技術	張澤松	CityU	Associate Professor	Electronic Engineering	Efficient Algorithms and Hardware Accelerators for Tensor Decomposition and Their Applications to Multidimensional Data Analysis 高效的算法和硬件加速器的張量分解及其在多維數據分析中的應用
2017-073	0810 信息與通信工程	梁國華	CityU	Chair Professor	Electronic Engineering	On-Body Antenna for Health Monitoring 用于健康监测的贴身天线
2017-074	0810 信息與通信工程	黃建伟	CUHK	Associate Professor	Information Engineering	Incentive Mechanism Design for Wireless Network Resource Allocation 无线网络资源分配的激励机制设计
2017-075	0810 信息與通信工程	宋之尹	CityU	Associate Professor	Electronic Engineering	Distributed Coded Caching in 5G Wireless Networks 第五代無線網絡中的分布式編碼緩存
2017-076	0810 信息與通信工程	劉伯濤	PolyU	Associate Professor	Electrical Engineering	Low-complexity signal processing techniques for optical communication systems 光纤通信系统中的低复杂度信号处理技术
2017-077	0810 信息與通信工程	胡奕聰	HKU	Associate Professor	Electrical and Electronic Engineering	Integrating signal processing and machine learning 信號處理及機器學習之結合研究
2017-078	0810 信息與通信工程	嚴洪	CityU	Chair Professor	Electronic Engineering	Tensor Computing and Multidimensional Big Analysis 張量計算和多維大分析
2017-079	0810 信息與通信工程	鄺得互	CityU	Professor	Computer Science	Apply learning technqiues to Video Analytics 將學習技術應用於視頻分析
2017-080	0810 信息與通信工程	代琳	CityU	Associate Professor	Electronic Engineering	Interference Management and Video-Streaming Transmission in Caching-Aided Next-Generation Mobile Communication Systems 基于缓存的下一代移动通信系统中干扰管理与视频传输的研究
2017-081	0810 信息與通信工程	蘇慶祥	CityU	Professor	Electronic Engineering	Near-Optimal Robust Beamforming: Algorithms and Analysis 近最優穩健的波束賦形：算法與分析
2017-082	0811 控制科學與工程	陳杰	CityU	Chair Professor	Electronic Engineering	Bode Integrals and Power Gain Bounds for Disturbance Attenuation of MIMO Networked Control Systems 界定多入多出网络控制系统扰动衰减的波得积分及功率增益下界
2017-083	0812 計算機科學與技術	刘际明	HKBU	Chair Professor	Computer Science	Complex Networks & Visual Analytics 复杂网络与可视化分析
2017-084	0812 計算機科學與技術	曹建農	PolyU	Chair Professor	Computing	Urban Computing: Big Data Processing and Analytics 城市計算：大數據處理與分析

2017-085	0812 計算機科學與技術	郭嵩	PolyU	Professor	Computing	Cloud resource allocation and optimization through advanced machine learning technologies 基于机器学习技术的云资源分配和优化
2017-086	0812 計算機科學與技術	尤佳	PolyU	Professor	Computing	Big Data Analytics for Healthcare 大数据分析及其在医疗保健的应用
2017-087	0812 計算機科學與技術	李文潔	PolyU	Associate Professor	Computing	Deep Learning for Dialogue Generation 基于深度学习的对话生成模型研究
2017-088	0812 計算機科學與技術	張磊	PolyU	Professor	Computing	Efficient and Robust Visual Recognition on Large Datasets 面向大規模視覺數據的高效魯棒識別方法研究
2017-089	0812 計算機科學與技術	黃錦輝	CUHK	Professor	Systems Engineering and Engineering Management	Research and Development of INCOMIRS (Integrated Community-based Microblog Recommendation System) 綜合群組為基礎的推薦系統研究及開發
2017-090	0812 計算機科學與技術	张青富	CityU	Professor	Computer Science	Algorithm and Theory of Evolutionary Computation 进化计算的理论和算法
2017-091	0812 計算機科學與技術	蔡冠球	HKBU	Associate Professor	Computer Science	Privacy-preserving Linear Algebra for Graph Query Algorithms for Massive Networks 查询算法的隐私保护的线性代数框架
2017-092	0812 計算機科學與技術	徐建良	HKBU	Professor	Computer Science Department	Big Data Management 大数据管理
2017-093	0812 計算機科學與技術	楊宗樺	CityU	Professor	Computer Science	Beyond Relevancy: Multimedia Analytics for Exploratory Video Search 超越相關性：探索式視頻搜索中的多媒體內容分析
2017-094	0812 計算機科學與技術	李柏晴	CUHK	Associate Professor	Computer Science and Engineering	Design and Implementation of Dependable In-Memory Storage Clusters for Big Data Analytics 面向大數據分析的可靠內存存儲集群: 設計與實踐
2017-095	0812 計算機科學與技術	張曉明	HKBU	Professor	Computer Science	Research on Key Technologies of Diversified-Incomplete-Information Based Image Retrieval for Big Data 大數據平臺下基於多元非完備信息的圖像檢索關鍵技術研究
2017-096	0812 計算機科學與技術	黃伟强	PolyU	Professor	Institute of Textiles and Clothing	Robust Image Feature Extraction in Big Data Environment 大数据环境下的鲁棒图像特征抽取

2017-097	0812 計算機科學與技術	贾小华	CityU	Chair Professor	Computer Science	Privacy-preserving Task Recommendation for Cloud-based Crowdsourcing 基于云的众包隐私保护任务推荐
2017-098	0812 計算機科學與技術	陳萬師	CityU	Associate Professor	Computer Science	Deep Learning for Computer Vision and Crowd Surveillance 深度学习在计算机视觉以及群体监控的应用
2017-099	0813 建築學	杨洪兴	PolyU	Professor	Building Services Engineering	Study on Indirect Evaporative Cooling Technology for Energy Recovery from Air-conditioning Systems in Hot and Humid Regions 湿热地区空调系统间接蒸发冷却能量回收技术的研究
2017-100	0814 土木工程	李秋勝	CityU	Professor	Architecture and Civil Engineering	Architecture and Civil Engineering Research Centre 建築與土木工程研究中心
2017-101	0814 土木工程	區達光	HKU	Professor	Civil Engineering	Retrofitting strategy of bridges in regions of low to moderate seismicity taking into account life-cycle cost and benefit considerations 于中低地震烈度地区及考虑寿命周期成本与效益的桥梁加固策略
2017-102	0814 土木工程	滕锦光	PolyU	Chair Professor	Civil and Environmental Engineering	High-performance materials and structures 高性能材料及结构
2017-103	0814 土木工程	戴建国	PolyU	Associate Professor	Civil and Environmental Engineering	Durability of Geopolymer Concrete and Reinforced Geopolymer Concrete Structures 地聚物混凝土以及钢筋增强地聚物混凝土结构的耐久性
2017-104	0814 土木工程	夏勇	PolyU	Associate Professor	Civil and Environmental Engineering	Improving construction precision of supertall structures through integration of field monitoring and advanced analysis 综合现场监测和先进数值分析提高超高层结构的施工精度
2017-105	0814 土木工程	王毅遠	HKU	Associate Professor	Earth Sciences	Application of acoustic emission technique to microcracking study in rocks 声发射技术在岩石微裂纹研究中的应用
2017-106	0815 水利工程	周國榮	PolyU	Professor	Civil & Environmental Engineering	Use of contemporary meta-heuristic algorithms in hydrological prediction 在水文预报中的元启发式算法研究
2017-107	0816 測繪科學與技術	丁晓利	PolyU	Chair Professor	Land Surveying and Geo-Informatics	Optimization of SAR/InSAR Data Processing 优化 SAR/InSAR 数据处理
2017-108	0816 測繪科學與技術	李志林	PolyU	Chair Professor	Land Surveying and Geo-Informatics	Automated generation of schematic maps 拓扑示意图的自动生成

2017-109	0817 化學工程與技術	梁耀彰	HKU	Professor	Mechanical Engineering	Development of efficient VUV photocatalysis technology 开发高效之真空紫外光光催化技术
2017-110	0817 化學工程與技術	陈永生	CUHK	Associate Professor	Mechanical and Automation Engineering	Developing durable SCR catalytic converter for advanced diesel engines 为先进柴油引擎技术开发高效低温脱硝催化剂
2017-111	0823 交通運輸工程	葉子良	PolyU	Associate Professor	Logistics and Maritime Studies	Empirical and Theoretical Studies of the Marine Traffic Flow with Mixed Vessels 混合船舶对交通流的實證和理論研究
2017-112	0823 交通運輸工程	黄仕进	HKU	Chair Professor	Civil Engineering	Safety, Reliability, and Disruption Management of High Speed Rail and Metro Systems 高速鐵路和鐵道系統的安全性、可靠性及應急管理研究
2017-113	0823 交通運輸工程	CHEN Anthony	PolyU	Professor	Civil and Environmental Engineering	Advanced Transport Network Models for Smart Transportation Systems 面向智慧交通系统的先进交通网络模型
2017-114	0825 航空宇航科學與技術	温志湧	PolyU	Professor	Mechanical Engineering	Flow Control on Boundary Layer Separation 邊界層分離的控制研究
2017-115	0830 環境科學與工程	李曉岩	HKU	Professor	Civil Engineering	Enhanced Separation and Sludge Refinery for Wastewater Treatment – Solving the Nexus of Pollution Control and Resource Recovery in Mega Cities 高效濃縮分離和污泥精煉協同新技術實現城市水污染控制和資源回收
2017-116	0830 環境科學與工程	张彤	HKU	Professor	Civil Engineering	Core Bacteria Populations in Wastewater Treatment Plants 污水处理厂关键菌群基因解析
2017-117	0830 環境科學與工程	湯初陽	HKU	Associate Professor	Civil Engineering	Superhydrophilic and superolephobic membranes for efficient oil/water separation 超浸潤膜界面及其油水分離應用
2017-118	0830 環境科學與工程	李向東	PolyU	Chair Professor	Civil and Environmental Engineering	Physico-chemical Characterization and Inhalation Toxicity of Urban Ambient Airborne Particulate Matters (PMs) in Subtropical Regions 城市细颗粒的成分及毒性
2017-119	0830 環境科學與工程	林群聲	CityU	Chair Professor	Biology and Chemistry	Environmental Assessment of Chiral Pharmaceuticals in Hong Kong and its Surrounding Region: Occurrence, Fate and Potential Toxicological Significance 手性藥物在香港及其周邊地區的環境評估：分佈，歸趨和潛在毒性的研究
2017-120	0831 生物醫學工程	彭慧芝	CityU	Chair Professor	Electronic Engineering	High Performance Biomedical Microsystems 高效能的生物醫學微系統

2017-121	0831 生物醫學工程	岑浩璋	HKU	Associate Professor	Mechanical Engineering	Droplet microfluidics for biomedical applications 液滴微流控的生物医学应用
2017-122	0831 生物醫學工程	程翼鵬	HKU	Associate Professor	School of Biomedical Sciences	Characterisation of the role of chromosome instability in cancer formation and metastasis 染色体不稳定性在癌症的形成和转移中的作用的描述特性
2017-123	0831 生物醫學工程	Jan W H Schnupp	CityU	Professor	Biomedical Science	Auditory perception through learning statistical structures of sounds 聲音結構的學習與聽覺
2017-124	0831 生物醫學工程	孫雷	PolyU	Associate Professor	Biomedical Engineering	Ultrasound brain stimulation and neuro-modulation 超声介导的脑刺激和脑调控研究
2017-125	0831 生物醫學工程	张明	PolyU	Professor	Interdisciplinary Divison of Biomedical Engineering	Biomechanical Study of Musculoskeletal system for sports sciences, orthopaedics and rehabilitation 运动骨科及康复的肌骨生物力学研究
2017-126	0831 生物醫學工程	莫慕賢	CityU	Associate Professor	Biomedical Sicences	Establishing a resarch platform to study neuropsychiatric lupus in human and murine model 建立一個針對系統性紅斑狼瘡患者和狼瘡小鼠模型的神經精神性狼瘡病的研究平台
2017-127	0831 生物醫學工程	汤启宇	CUHK	Professor	Electronic Engineering	Brainwave Integrated with Exoskeleton Robotic System for Rehabilitation 脑波与外骨骼机器人康复系统
2017-128	0832 食品科學與工程	陳振宇	CUHK	Chair Professor	School of Life Sciences	Diet, Nutrition and Heart Diseases 膳食与心脏病
2017-129	0833 城鄉規劃學	陳漢雲	PolyU	Professor	Building and Real Estate	Integrating Flagship-Led project for Urban Renewal: A Catalyst for Change 旗艦項目的可持續性及其推動的市區重建
2017-130	0835 軟件工程	陳榮光	CityU	Associate Professor	Computer Science	FAVOR: a testing Framework for detecting Atomicity viOlations in concurrent traces FAVOR: 用於檢測併發程序執行中違反原子性的測試框架
2017-131	0835 軟件工程	應天祥	PolyU	Associate Professor	Health Technology and Informatics	Computer-Aided Differentiation of Malignant and Benign Lymph Nodes 電腦輔助鑑別惡性和良性淋巴結
2017-132	1001 基礎醫學	曾淑瑩	CUHK	Associate Professor	School of Life Sciences	Role of TRP channels in regulating the functions of embryonic stem cells TRP 通道在调节胚胎干细胞功能中的作用

2017-133	1001 基礎醫學	陈建萍	HKU	Associate Professor	School of Chinese Medicine	Elucidating critical role of GPR49 in mediating cancer dormancy and activation of breast cancer stem cells by enhancing Wnt signaling 揭示 GPR49 通過激活 β-catenin 通路，調節乳癌干细胞休眠化的机制
2017-134	1001 基礎醫學	李天立	CUHK	Associate Professor	School of Biomedical Sciences	Decoding female germ cell aging by single-cell genomics 以单细胞基因组学解码女性生殖细胞衰老
2017-135	1001 基礎醫學	陳揚超	CUHK	Associate Professor	School of Biomedical Sciences	Identification of Novel Tumor Suppressor Long Non-coding RNAs epigenetically silenced in Hepatocellular Carcinoma 肝癌中表達沉默的新的長鏈非編碼 RNA(lncRNA)的鑒別及功能分析
2017-136	1001 基礎醫學	周铭祥	PolyU	Professor	Applied Biology and Chemical Technology	Reversing cancer drug resistance using small molecules 使用小分子逆转癌症药物抗性
2017-137	1001 基礎醫學	林彬	PolyU	Associate Professor	Optometry	Ectopic expression of the light-sensitive protein melanopsin in rod photoreceptors prevents retinal degeneration. 在桿感光細胞中異位表達黑視素蛋白來防止視網膜變性的機理研究
2017-138	1001 基礎醫學	杜嗣河	PolyU	Professor	Optometry	Myopia Research - from optical inputs to biological signalling 近視研究 - 從光學信息到生物信號
2017-139	1001 基礎醫學	黃聿	CUHK	Chair Professor	School of Biomedical Sciences	Targeting TFEB to reverse endothelial dysfunction in diabetic mice through inhibition of autophagy 激活 TFEB 改善糖尿病小鼠內皮細胞功能的機制研究
2017-140	1001 基礎醫學	陳浩龍	PolyU	Associate Professor	School of Optometry	Switching the progenitor cells program to repair the retinal ganglion cells with glaucomatous damage 切換祖細胞程序修復青光眼受損的視網膜神經節細胞
2017-141	1001 基礎醫學	藍輝耀	CUHK	Chair Professor	Medicine & Therapeutic	a.\tTGF-beta/Smad3 signaling in tissue fibrosis and inflammation related to hypertension, diabetes, drug toxicity, and autoimmunity in heart, Kidney, liver, lung and peritoneum. TGF-β/ Smad3 信號通路在高血壓，糖尿病，藥物毒性，自身免疫相關疾病所致的心臟，腎，肝，肺和腹膜中的組織纖維化和炎症的的基理
2017-142	1001 基礎醫學	鄒翔	PolyU	Associate Professor	Health Technology and Informatics	Depletion of mast cells for the treatment of allergic diseases 誘導肥大細胞雕亡治療過敏類疾病
2017-143	1001 基礎醫學	梁杏媚	PolyU	Associate Professor	Health Technology and Informatics	Dynamic Interactions between pathogens and biofilm microbiota 病原体和生物膜微生物群之间的动态相互作用
2017-144	1001 基礎醫學	陈志伟	HKU	Professor	AIDS Institute, Microbiology	Mechanism of potentiating HIV antigen-specific immune responses

						激發 HIV 抗原特異性免疫反應的機制研究
2017-145	1001 基礎醫學	杨万岭	HKU	Associate Professor	Paediatrics and Adolescent Medicine	Pathway analysis from omics data 组学大数据分析以理解疾病的分子机制和治疗效果
2017-146	1001 基礎醫學	何明亮	CityU	Associate Professor	Biomedical Sciences	Antiviral and Anticancer (Precision medicine and target-based anticancer studies) 抗病毒与抗癌（精准医疗及基于靶标的抗癌研究）
2017-147	1002 臨床醫學	鄭荔英	PolyU	Professor	Rehabilitation Sciences	Management of diabetic associated complications: from basic to clinical reserach 糖尿病相關併發症的管理: 從基礎到臨床研究
2017-148	1007 藥學	楊智鈞	HKBU	Associate Professor	School of Chinese Medicine	Drug nano delivery system 藥物納米遞送系統
2017-149	1007 藥學	張宏杰	CityU	Associate Professor	Teaching and Research Division	To discover small molecule of bioactive compounds from the medicinal plants in Lingnan region 从岭南药用植物中寻找天然小分子活性化合物
2017-150	1007 藥學	張戈	HKBU	Associate Professor	Institute for Advancing Translational Medicine in Bone & Joint Diseases	Translational Medicine & Drug Discovery 轉化醫學與藥物發現
2017-151	1008 中藥學	韓全斌	HKBU	Associate Professor	School of Chinese Medicine	Chemistry and bioactivities of polysaccharides from Chinese medicines 中药多糖的化学和生物活性研究
2017-152	1008 中藥學	荣建辉	HKU	Associate Professor	School of Chinese Medicine	Chinese medicine puerarin regulates mTOR signaling in metabolic stress, aging and cardiovascular diseases via downregulating small GTPase RagA 探讨中药葛根素通过下调 GTP 水解酶 RagA 而调控在代谢应激，老化和心血管疾病中的 mTOR 信号传导
2017-153	1010 醫學技術	胡永祥	PolyU	Associate Professor	Health Technology and Informatics	Monitoring radiation induced anatomical changes and their dosimetric impact in radiotherapy of nasopharyngeal carcinoma 以磁力共振監控鼻咽癌效放射治療的解剖學變化及對劑量影響
2017-154	1010 醫學技術	黃思銓	PolyU	Associate Professor	Health Technology and Informatics	The diagnostic and prognostic usefulness of a targeted plasma nCounter developed non-invasive marker panel in colorectal cancer 血漿 RNA 數碼計算測序在结直腸癌非創傷性標誌组合的診斷和預後作

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2017-155	1010 醫學技術	陳穎志	PolyU	Associate Professor	Health Technology and Informatics	Single-molecule imaging of cancer cell motility and molecular mechanism 癌細胞運動和分子機制的單分子成像
2017-156	1010 醫學技術	林國璋	PolyU	Associate Professor	School of Optometry	Corneal biomechanics and intraocular pressure 角膜生物力學與眼內壓
2017-157	1201 管理科學與工程	方识华	PolyU	Associate Professor	Building and Real Estate	Facilitating Mobile Knowledge Management through Mobile Applications (Apps) or Wearable Computing 基于 APPs 或可穿戴计算设备的分布式知识管理
2017-158	1201 管理科學與工程	廖少毅	CityU	Professor	Information Systems	Advanced Intelligent Information Systems Research Centre 先进交通信息系统研究中心
2017-159	1201 管理科學與工程	赵建良	CityU	Chair Professor	Information Systems	Blockchain Technology and Business Innovation in 区块链技术与商务创新
2017-160	1201 管理科學與工程	方钰麟	CityU	Associate Professor	Information Systems	Competitive Actions, Strategic Group, and Performance of E-Marketplace Sellers - A Longitudinal Study 电子商务市场卖家竞争行为、战略群组与销售业绩之纵向研究
2017-161	1201 管理科學與工程	徐宙	PolyU	Associate Professor	Logistics and Maritime Studies	New Approaches for Large-Scale Optimization Problems in Logistics Management 解决大规模物流管理优化问题的新方法
2017-162	1201 管理科學與工程	罗振雄	PolyU	Professor	School of Hotel and Tourism Management	Evaluation of Hotel Websites using Fuzzy Multiple Attribute Decision Making Model. 利用模糊多屬性決策理論評估酒店網站
2017-163	1201 管理科學與工程	梁美容	CityU	Associate Professor	Architecture and Civil Engineering	Optimizing the Performance of Hong Kong Expatriate Construction Professionals in Mainland China via a Cross-cultural Stress Management Study 通过跨文化压力管理研究优化外派到中国内地工作的香港建筑专业人士的表现
2017-164	1201 管理科學與工程	鄭大昭	PolyU	Chair Professor	Logistics and Maritime Studies	Production and Delivery Scheduling Problems in Supply Chain Management 供应链管理中的生產與配送调度问题
2017-165	1201 管理科學與工程	黎基雄	PolyU	Associate Professor	Logistics and Maritime Studies	Health care service quality in e-commerce 電子商務情景下的醫療健康服務質量
2017-166	1204 公共管理	李芝蘭	CityU	Professor	Public Policy	Hong Kong Professional Services in the Co-evolving Belt-Road Initiative: Innovative Agency for Sustainable Development 香港專業服務與一帶一路：推進可持續發展的創新能動性

2017-167	1204 公共管理	张晓玲	CityU	Associate Professor	Public Policy	How Green Turns into Gold? Optimizing the Dual Effect of 'Price Premium for Green' and 'Cost Premium for Green' of HK-BEAM Plus Certified Housing 如何點綠成金？香港綠色建築（HK-BEAM Plus）的成本與價格溢價最優化研究
2017-168	1204 公共管理	莫家豪	LN	Chair Professor	Sociology and Social Policy	A Study of Contracting Out Social Services and Changing Welfare Governance in China 政府購買服務與轉變中的中國福利治理研究