

Day 4 - 19th December 2018, Wednesday

Time	Program				
08:30-09:15	Auditorium 2				
	Session Chair: Bengang Xing				
	Plenary Session Molecular sensing of tumor microenvironment for broadband detection and precision surgical removal of cancer Samuel Achilefu (10-0458)				
9:15-9:45	Poster Award Presentation				
9:45-9:50	Movement				
09:50-10:25	Session 1	Session 2	Session 3	Session 4	
	Auditorium 2	Lecture Theatre 50	Lecture Theatre 51	Lecture Theatre 52	
	Session Chair: Jie Wu	Session Chair: Wei Wang	Session Chair: Shu Sin Chng	Session Chair: Hongjin Fan	
	Keynote Session Programmable Organic Synthesis Jeffrey Bode (0568)	Keynote Session Optoelectronic Processes in Covalent Organic Frameworks Thomas Bein (03-0382)	Keynote Session Aggregation-Induced Emission: Materials and Biomedical Applications Bin Liu (10-0022)	Keynote Session Flexible and Stretchable Energy Conversion and Storage Pooi See Lee (06-0570)	
10:25-10:50	Tea Break				
	Symposium 1	Symposium 2	Symposium 3	Symposium 4	Symposium 5
	Lecture Theatre 50	Lecture Theatre 51	Seminar Room 5	Lecture Theatre 52	Lecture Theatre 53
	Session Chair: Jie Wu	Session Chair: Yanli Zhao	Session Chair: Da-Wei Wang	Session Chair: Zhe Sun	Session Chair: Yulin Zhong
10:50-11:05	Photoredox Catalysis: Organic Synthesis with Visible Light (I) Burkhard Konig (0178)	Responsive Rotaxane Dendrimers Towards Drug Encapsulation and Delivery (I) Ken Leung (0057)	Porous hypercrosslinked polymer-TiO ₂ -graphene sandwich photocatalysts for visible-light-driven CO ₂ conversion (I) Bien Tan (0224)	Synthesis of Highly Curved Nitrogen-Containing Buckybowls (I) Shingo Ito (0056)	2D heterostructures for high performance gas sensors (I) Xiao Huang (0173)
11:05-11:15					
11:15-11:20					
11:20-11:30	Photoinduced Electron Transfer and Energy Transfer for Chemical Transformation (I) Li Zhu Wu (0220)	Metal-Organic Knots: Synthesis and Application (I) Ali Trabolsi (0196)	Conjugated Porous Organic Polymers for Gas Sorption and Chemical Catalysis (I) Bao-Hang Han (0143)	Synthesis of Monodisperse N-Doped Graphene Nanoribbons Reaching 7.7 Nanometers in Length (I) Aurelio Mateo-Alonso (Koke) (0250)	High-Performance Graphene Materials via Electrochemical Ways (I) Junzhong Wang (0333)
11:30-11:40					
11:40-11:45					
11:45-11:55	Photoredox Catalysis: Fluoroalkylation and Beyond (I) Munetaka Akita (0045)	Buckybowl Corannulene: A Unique Building Block for the Synthesis of Functional Materials (I) Mihaela Stuparu (0424)	Advance of porous organic polymers on photothermal therapy (I) Jia Guo (0236)	Macrocyclic Polyradicaloids with Unusual Super-ring Structure and Global Aromaticity (CL) Chunchen Liu (0305)	Chemical Vapor Deposition Growth of Patterned Graphene and hexagonal Boron Nitride using a "Gettering" Approach (I) Tom Luozheng Tang (0354)
11:55-12:00					
12:00-12:05				Bis(azuleno)indacenes and Their Dications: The Shift of the Local Aromaticity and Antiaromaticity (CL) Qing Jiang (0297)	
12:05-12:10					
12:10-12:15					Detecting magnetic field dependence of bound states in bilayer graphene (CL) Yi-wen Liu (0170)
12:15-12:20	Alkoxy radical-promoted remote C(sp ³)-H activation (I) Chen Zhu (0099)	Chemical Self-Propelled Autonomous Micro/Nano: Towards Sense-and-Act Applications (I) Martin Pumera (0462)		Super-octazethrene (CL) Wangdong Zeng (0292)	
12:20-12:25					
12:25-12:30					Electromagnetic shielding effectiveness of ultra-light reduced graphene oxide aerogels decorated with cobalt ferrite and zinc oxide (CL) Shivam Gupta (0537)
12:30-12:35					
12:35-12:45					
12:45-12:50	Photocatalytic Synthesis via Selective Hydrogen Atom Transfer (HAT) (I) Davide Ravelli (0080)				
12:50-12:55					
13:00-14:00	Foyer				
	Lunch and Departure				

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10:25-10:50	Tea Break					
	Symposium 6	Symposium 7	Symposium 8	Symposium 9	Symposium 10	Symposium 6
	Seminar Room 1	Global Learning Room	Seminar Room 3	Seminar Room 4	Seminar Room 12	Seminar Room 2
	<i>Session Chair: Won Il Park</i>	<i>Session Chair: Junfa Zhu</i>	<i>Session Chair: Shuangyin Wang</i>	<i>Session Chair: Ohyama Junya</i>	<i>Session Chair: Bengang Xing</i>	<i>Session Chair: Gongming Wang</i>
10:50-11:05	Formation energy control of Si-doped hematite for efficient water splitting (I) Ji-hyun Jang (0119)	On-surface Metal-ligand Coordination for Single-site Heterogeneous Catalysts on High-surface Area Oxide Supports (I) Steve Tait (0383)	Ultrasensitive and Robust Organic Thin-Film Gas Sensors from Squaramides (I) Jing-Hui He (0271)	Catalytic Amino Acid Production from Biomass-Derived Intermediates (CL) Yunzhu Wang (0361)	Developing assays and utilizing chemical probes to study a mycobacterial lipid flippase (I) Shu-Sin Chng	Solid Electrolyte Interphase-free Nanowire Anodes Anchored inside Graphene-based Micro-tubular Potential Sheath (I) Won Il Park (0254)
11:05-11:15				Single-pot transformation of biomass-derived furfural to gamma-valerolactone over solid acid catalysts (CL) Hongwei Zhang (0329)		
11:15-11:20			Significantly Enhancement in the Seebeck Coefficient and Power Factor of Thermoelectric Polymers by Polymer Electrolytes (CL) Xin Guan (0278)			
11:20-11:30	Design of Molecular Solid Catalysts for Energy Conversion (I) Rong Xu (0185)	Multiplication of Active Edge Sites by Controlled Anisotropic Steam Etching of 2D materials (I) Mingdong Dong (0100)		Catalytic Conversion of Levulinic Acid (I) Fuwei Li (0554)	Imaging and Manipulating GPCRs in Live Cells with External Light (I) Takeaki Ozawa (0139)	Regulation of electric behavior in two-dimensional inorganic solids for flexible supercapacitors (I) Changzheng Wu (0252)
11:30-11:40						
11:40-11:45						
11:45-11:55	Surface functionalization of energy-related materials (I) Gongming Wang (0477)	Design of 2D monolayers for hydrogen production (I) Hui Pan (0034)		Study on the Catalyst for Converting Biomass into High Value-added Small Molecules (CL) Chao Zhang (0370)	Engineering Proteins for Multiparameter Optical Imaging and Control of Cellular Signalling (I) Robert Campbell (0060)	
11:55-12:00						
12:00-12:05						
12:05-12:10	Promoting surface charge utilization by incorporating novel ternary ZnCoMn layered double hydroxide nanowall with bismuth vanadate for efficient photoelectrochemical water oxidation (CL) Truong-Giang VO (0471)	Facile Fabrication of Concentrated Polymer Brushes with Complex Patterning via Photo-Controlled Organocatalyzed Living Radical Polymerization (CL) Chen-Gang Wang (0176)				
12:10-12:15						
12:15-12:20					Probe development for systematic molecular imaging of Alzheimer's disease (I) Chongzhao Ran (0096)	
12:20-12:25						
12:25-12:30	Efficient p-i-n perovskite solar cells with improved photovoltage (CL) Rui Su (0367)	Atomically precise bottom-up synthesis of graphene molecules with zigzag edge topology (CL) Jie Su (0239)				
12:30-12:35						
12:35-12:45	High-Performance Inverted Planar Perovskite Photovoltaics via Lead Acetate Precursor and its Crystallization Mechanism Study (CL) Lichen Zhao (0401)	Semiconducting to Metallic Transitions Observed in Polyferrocenylene Nanowires (CL) Vijai Meena Santhini (0564)				
12:45-12:50					Spatiotemporal-controlled Reporter for Cell Surface Proteolytic Enzyme Activity Visualization (CL) Haolun Cheong (0511)	
12:50-12:55						
13:00-14:00	Foyer					
	Lunch and Departure					