

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Chemistry ; Science & Technology - Other Topics; Engineering	Chen, YC; Chen, ZB; Lin, YG; Hsu, YK	徐裕奎*	Synthesis of Copper Phosphide Nanotube Arrays as Electrodes for Asymmetric Supercapacitors	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	MAY	2017
2	Engineering; Optics; Physics	Hsu, WL; Cheng, CH; Wu, CL; Pai, YH; Lin, GR	白益豪	Nano-Porous MOSLEDs With Spatially Confined Si Quantum Dots Buried in Anodic Aluminum Oxide Membrane	IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS	SEP-OCT	2017
3	Chemistry ; Electrochemistry; Instruments & Instrumentation	Chen, YC; Hsu, JH; Lin, YG; Hsu, YK	徐裕奎*	Silver nanowires on coffee filter as dual-sensing functionality for efficient and low-cost SERS substrate and electrochemical detection	SENSORS AND ACTUATORS B-CHEMICAL	JUN	2017
4	Chemistry	Tsai, CH; Huang, WC; Wang, WS; Shih, CJ; Chi, WF; Hu, YC; Yu, YH	蔡志宏*	Reduced graphene oxide/macrocyclic iron complex hybrid materials as counter electrodes for dye-sensitized solar cells	JOURNAL OF COLLOID AND INTERFACE SCIENCE	1-Jun	2017
5	Chemistry ; Electrochemistry	Chen, YC; Hsu, JH; Chen, ZB; Lin, YG; Hsu, YK	徐裕奎*	Fabrication of Fe <sub>3</sub> O <sub>4</sub> nanotube arrays for high-performance non-enzymatic detection of glucose	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	1-Mar	2017
6	Chemistry ; Energy & Fuels; Materials Science	Chen, YC; Lin, YG; Hsu, YK	徐裕奎*	Biomimicry of Cuscuta electrode design endows hybrid capacitor with ultrahigh energy density exceeding 2 mW h cm <sup>-2</sup> at a power delivery of 25 mW cm <sup>-2</sup>	JOURNAL OF MATERIALS CHEMISTRY A		2017

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7	Materials Science; Physics	Yu, YH; Teng, IJ; Hsu, YC; Huang, WC; Shih, CJ; Tsai, CH	蔡志宏*	Covalent bond-grafted soluble poly(o-methoxyaniline)-graphene oxide composite materials fabricated as counter electrodes of dye-sensitised solar cells	ORGANIC ELECTRONICS	MAR	2017
8	Science & Technology - Other Topics	Tsai, WT; Wang, CM; Chen, CF; Wu, PC; Chen, YH; Chen, TY; Wu, PR; Chen, YW	王智明*	Material-assisted metamaterial: a new dimension to create functional metamaterial	SCIENTIFIC REPORTS	6-Feb	2017
9	Chemistry; Science & Technology - Other Topics; Materials Science	Wei, W; Nong, JP; Tang, LL; Wang, N; Chuang, CJ; Huang, Y	莊沁融	Graphene-MoS2 Hybrid Structure Enhanced Fiber Optic Surface Plasmon Resonance Sensor	PLASMONICS	AUG	2017
10	Chemistry; Materials Science; Metallurgy & Metallurgical Engineering	Chen, YC; Chang, YC; Hsu, YK	徐裕奎*	Facile synthesis of ZnO nanoparticles on carol-like Cu2O nanowires for photoelectrochemical hydrogen generation	JOURNAL OF ALLOYS AND COMPOUNDS	30-Dec	2017
11	Chemistry; Electrochemistry	Chen, YC; Hsu, JH; Lin, YG; Hsu, YK	徐裕奎*	Synthesis of Fe2O3 nanorods/silver nanowires on coffee filter as low-cost and efficient electrodes for supercapacitors	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	15-Sep	2017
12	Science & Technology - Other Topics; Materials Science; Physics	Huang, ST; Lai, CC; Sheu, FW; Tsai, WS	賴建智	Characterization of long-range plasmonic waveguides at visible to near-infrared regime	AIP ADVANCES	DEC	2017