

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Materials Science; Optics	Chen, LC; Yu, CT; Peng, YC; Hung, JJ; Chang, HM; Tzeng, SD; Wang, CM; Lin, CC; Lin, CH	林楚軒*. 曾賢德. 王智明. 林群傑	Antireflection with graphene oxide	OPTICAL MATERIALS EXPRESS	1-Jan	2016
2	Chemistry	Lin, YG; Hsu, YK; Chuang, CJ; Lin, YC; Chen, YC	徐裕奎. 莊沁融	Thermally activated Cu/Cu ₂ S/ZnO nanoarchitectures with surface-plasmon-enhanced Raman scattering	JOURNAL OF COLLOID AND INTERFACE SCIENCE	15-Feb	2016
3	Physics	Ho, YZ; Cheng, BH; Hsu, WL; Wang, CM; Tsai, DP	王智明	Anomalous reflection from metasurfaces with gradient phase distribution below 2 pi	APPLIED PHYSICS EXPRESS	JUL	2016
4	Chemistry; Science & Technology - Other Topics; Materials Science; Physics	Patil, RA; Su, CW; Chuang, CJ; Lai, CC; Liou, Y; Ma, YR	馬遠榮*. 莊沁融. 賴建智	Terahertz spin-wave waveguides and optical magnonics in one-dimensional NiO nanorods	NANOSCALE		2016
5	Chemistry	Lin, YG; Hsu, YK; Lin, YC; Chang, YH; Chen, SY; Chen, YC	徐裕奎*	Synthesis of Cu ₂ O nanoparticle films at room temperature for solar water splitting	JOURNAL OF COLLOID AND INTERFACE SCIENCE	1-Jun	2016
6	Science & Technology - Other Topics; Optics	Lee, MC; Wang, CY; Chen, CC; Wang, CM; Hsiao, TC; Tsai, DP	王智明*	Visible light active photocatalyst from recycled disposable heating pads	JOURNAL OF NANOPHOTONICS	JAN	2016

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7	Chemistry	Chen, YC; Lin, YG; Hsu, LC; Tarasov, A; Chen, PT; Hayashi, M; Ungelenk, J; Hsu, YK; Feldmann, C	徐裕奎*	ss-SnWO ₄ Photocatalyst with Controlled Morphological Transition of Cubes to Spike cubes	ACS CATALYSIS	APR	2016
8	Materials Science; Physics	Yu, YH; Chi, WF; Huang, WC; Wang, WS; Shih, CJ; Tsai, CH	蔡志宏*	High-efficiency counter electrodes using graphene hybrid with a macrocyclic nickel complex for dye-sensitized solar cells	ORGANIC ELECTRONICS	APR	2016
9	Science & Technology - Other Topics; Materials Science	Chen, MH; Tseng, YH; Chao, YP; Tseng, SY; Lin, ZR; Chu, HH; Chang, JK; Luo, CW	陳美杏*	Effects on Organic Photovoltaics Using Femtosecond-Laser-Treated Indium Tin Oxides	ACS APPLIED MATERIALS & INTERFACES	28-Sep	2016
10	Optics	Wang, CM; Tsai, DP	王智明*	Lambertian thermal emitter based on plasmonic enhanced absorption	OPTICS EXPRESS	8-Aug	2016
11	Metallurgy & Metallurgical Engineering	Jhong, YH; Yang, CT; Chang, LK; Huang, DR; Chiang, DY	黃得瑞	Preparation and characterization of ZnO nanorod arrays prepared using wet methods	INTERNATIONAL JOURNAL OF MATERIALS RESEARCH	AUG	2016
12	Electrochemistry	Tsai, CH; Huang, WC; Hsu, YC; Shih, CJ; Teng, IJ; Yu, YH	蔡志宏*	Poly(o-methoxyaniline) doped with an organic acid as cost-efficient counter electrodes for dye-sensitized solar cells	ELECTROCHIMICA ACTA	20-Sep	2016
13	Electrochemistry	Lin, YG; Hsu, YK; Lin, YC; Chen, YC	徐裕奎*	Electrodeposited Fe ₂ TiO ₅ nanostructures for photoelectrochemical oxidation of water	ELECTROCHIMICA ACTA	20-Sep	2016
14	Chemistry; Crystallography	Hsu, YK; Chen, ZB; Lin, YC; Chen, YC; Chen, SY; Lin, YG	徐裕奎*	Room-temperature fabrication of Cu nanobrushes as an effective surface-enhanced Raman scattering substrate	CRYSTENGCOMM		2016

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15	Science & Technology - Other Topics; Materials Science	LO, CT, Kumar, D; Chou, SH; Chen, CH; Tsai, CH; Liu, SH; Chou, PT; Wong, JZT	蔡志宏*	Highly Twisted Dianchoring D-pi-A Sensitizers for Efficient Dye-Sensitized Solar Cells	ACS APPLIED MATERIALS & INTERFACES	19-Oct	2016
16	Optics	Lai, CC; Lo, CY; Nguyen, DH; Huang, JZ; Tsai, WS; Ma, YR	賴建智*, 馬遠榮	Atomically smooth hybrid crystalline-core glass-clad fibers for low-loss broadband wave guiding	OPTICS EXPRESS	5-Sep	2016
17	Electrochemistry	Lin, YG; Hsu, YK; Lin, YC; Chen, YC	徐裕奎*	Hierarchical Fe ₂ O ₃ nanotube/nickel foam electrodes for electrochemical energy storage	ELECTROCHEMICAL ACTA	20-Oct	2016

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1	Chemistry ; Multidisciplinary; Nanoscience & Nanotechnology; Materials Science; Physics, Applied	Pham, DV; Patil, RA; Lin, JH; Lai, CC; Liou, Y.; Ma, YR	馬遠榮*. 賴建智	Doping-free bandgap tuning in one-dimensional Magnéli-phase nanorods of Mo ₄ O ₁₁	NANOSCALE	2月8日	2016
2	Multidisciplinary Sciences	Lai, CC; Lo, CY; Hsieh, TH; Tsai, WS; Nguyen, DC; Ma, YR	賴建智*. 馬遠榮	Ligand-driven and full-color-tunable fiber source: toward next-generation clinic fiber-endoscope tomography with cellular resolution	ACS OMEGA	10月12日	2016