

2014 年度用户科技论文汇总目录

文章题目	期刊, 年份, 卷(期), 页码	作者
Alkylphenyl Substituted Naphthodithiophene: A New Two-Dimensional Conjugated Building Unit for Semiconducting Materials	Macromolecular Rapid Commun., 2014,35(21):1886-1889	史少伟
Synthesis and Characterization of Angular-shaped Naphtho-[1,2-b;5,6-b']difuran-Diketopyrrolopyrrole-Containing Copolymers for High-Performance Organic Field-Effect Transistors	Macromolecules, 2014,47:616-625	史少伟
High-Performance Field-Effect Transistors based on Furan-Containing Diketopyrrolopyrrole Copolymer under a Mild Annealing Temperature	Journal of Polymer Science, Part A: Polymer Chemistry, 2014, 52, 1970–1977	陈华杰
Copolymers of benzo[1,2-b:4,5-b']dithiophene and bithiazole for high-performance thin film phototransistors	J. Mater. Chem. C, 2014, 2(44), 9505-9511	刘瑶
Effects of Shortened Alkyl Chains on Solution-processable Small Molecules with Oxo-Alkylated Nitrile End-Capped Acceptors for High-Performanced Organic Solar Cells	Adv. Energy Mater., 2014, 4(17), 1400538	Dan Deng
New Conjugated Molecules with Two and Three Dithienyldiketopyrrolopyrrole (DPP) Moieties Substituted at meta Positions of Benzene toward p- and n-Type Organic Photovoltaic Materials	Chemistry – An Asian Journal, 2014, 9(6), 1570–1578,	虞辰敏
New dithienyl-diketopyrrolopyrrole-based conjugated molecules entailing electron withdrawing moieties for organic ambipolar semiconductors and photovoltaic materials	Journal of Materials Chemistry C, 2014, 2, 10101-10109	虞辰敏
Alternating Conjugated Electron Donor–Acceptor Polymers Entailing Pechmann Dye Framework as the Electron Acceptor Moieties for High Performance Organic Semiconductors with Tunable Characteristics	Macromolecules, 2014,47,2899-2906	蔡政旭
π -Extended Conjugated Polymers Entailing Pechmann Dye Moieties for Solution-Processed Ambipolar Organic Semiconductors	Chinese Journal of Chemistry, 2014,32,788-796	蔡政旭
Characterization of tetragonal distortion in athick Al _{0.2} Ga _{0.8} N epilayer with an ALN interlayer by Rutherford backscattering/channeling	Chin.Phys.B, 2014, 23(9), 096801-096804	Wang Huan

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Enhanced mobility of solution-processed polycrystalline zinc tin oxide thin-film transistors via direct incorporation of water into precursor solution	Applied Physics Letters, 2014, 105, 122105	黄根茂
High-Mobility Solution-Processed Tin Oxide Thin-Film Transistors with High- κ Alumina Dielectric Working in Enhancement Mode	ACS Applied Materials & Interfaces, 2014, 6(23), 20786-94.	黄根茂
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Additive-Assisted Control over Phase-Separated Nanostructures by Manipulating Alkylthienyl Position at Donor Backbone for Solution-Processed Non-Fullerene All-Small-Molecule Solar Cells	ACS App. Mater. & Interface, 2014, 6 (6), 3853-3862	Jianhua Huang
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Structure Dependence of Magnetic Properties for Annealed GaMnN Films Grown by MOCVD	Chinese Physics Letter, 2014 年 31 卷第 6 期 067501 页	JIANG Xian-Zhe(姜显哲)
单一取向 Cu ₂ O 纳米棒的一种工业制备技术	材料科学与工程学报, 2014, 32(3), 339-343	原宏宇

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A unified intermediate and mechanism for soot combustion on potassium supported oxides	Scientific Reports, 2014, 4: 4725	李倩
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