

Yong Guo

List of Publications by Year in descending order

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26
papers

275
citations

1039880

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all docs

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docs citations

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times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	Cu ₂ O Nanoparticle Hyper-Cross-Linked Polymer Composites for the Visible-Light Photocatalytic Degradation of Methyl Orange. ACS Applied Nano Materials, 2019, 2, 2706-2712.	2.4	35
2	Colorimetric detection of riboflavin by silver nanoparticles capped with β -cyclodextrin-grafted citrate. Colloids and Surfaces B: Biointerfaces, 2016, 148, 66-72.	2.5	34
3	Facile synthesis of polypyrrole nanofiber (PPyNF)/NiO _x composites by a microwave method and application in supercapacitors. RSC Advances, 2019, 9, 6890-6897.	1.7	28
4	Novel single excitation dual-emission carbon dots for colorimetric and ratiometric fluorescent dual mode detection of Cu ²⁺ and Al ³⁺ ions. RSC Advances, 2019, 9, 38568-38575.	1.7	25
5	Efficient synthesis of 2-oxazolidinones from epoxides and carbamates catalyzed by amine-functionalized ionic liquids. RSC Advances, 2015, 5, 71765-71769.	1.7	20
6	Bi ₂ O ₃ modification of HZSM-5 for methanol-to-propylene conversion: evidence of olefin-based cycle. RSC Advances, 2017, 7, 16602-16607.	1.7	16
7	Preparation of Cu ₂ O/exfoliated graphite composites with high visible light photocatalytic performance and stability. Ceramics International, 2016, 42, 13273-13277.	2.3	15
8	Bipolar spin-filtering effect in B- or N-doped zigzag graphene nanoribbons with asymmetric edge hydrogenation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 2860-2865.	0.9	13
9	Preparation of solid superacid S ₂ O ₈ ²⁻ /TiO ₂ @exfoliated graphite (EG) and its catalytic performance. Ceramics International, 2014, 40, 16183-16187.	2.3	12
10	S,N-Co-doped carbon nanoparticles with high quantum yield for metal ion detection, IMP logic gates and bioimaging applications. New Journal of Chemistry, 2018, 42, 20180-20189.	1.4	9
11	Synthesis, characterisation, and evaluation of core-shell Fe ₃ O ₄ /SiO ₂ /polypyrrole composite nanoparticles. Micro and Nano Letters, 2018, 13, 902-906.	0.6	9
12	Large negative differential resistance and rectifying performance modulated by contact sites in fused thiophene trimmer-based molecular devices. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 1920-1924.	0.9	8
13	Preparation of Silver Nanoparticles Reduced by Formamidinesulfonic Acid and Its Application in Colorimetric Sensor. Journal of Cluster Science, 2016, 27, 1203-1212.	1.7	8
14	Nitrogen Doping Position-Dependent Rectification of Spin-Polarized Current and Realization of Multifunction in Zigzag Graphene Nanoribbons with Asymmetric Edge Hydrogenation. Journal of Electronic Materials, 2016, 45, 1165-1174.	1.0	6
15	A highly selective and sensitive fluorescence sensor for the detection of apigenin based on nitrogen doped carbon dots and its application in cell imaging. Analytical Methods, 2017, 9, 6379-6385.	1.3	6
16	Molten salt medium synthesis of wormlike platinum silver nanotubes without any organic surfactant or solvent for methanol and formic acid oxidation. Physical Chemistry Chemical Physics, 2015, 17, 31170-31176.	1.3	5
17	The Effects of Negative Differential Resistance, Bipolar Spin-Filtering, and Spin-Rectifying on Step-Like Zigzag Graphene Nanoribbons Heterojunctions with Single or Double Edge-Saturated Hydrogen. Journal of Electronic Materials, 2017, 46, 535-543.	1.0	5
18	Size dependence rectification performances induced by boron and nitrogen co-doping in rhombic graphene nanoribbons. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 904-908.	0.9	4

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19	Enhanced catalytic activity and stability of SO ₂ -4/ZrO ₂ solid acid catalyst combined with carbon nanotubes. <i>Ceramics International</i> , 2015, 41, 12186-12191.	2.3	4
20	One-step synthesis of PPyNT/NiO _x nanocomposites via microwave method and application for supercapacitor. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019, 27, 661-668.	1.0	4
21	Molecular rectification modulated by alternating boron and nitrogen co-doping in a combined heterostructure of two zigzag-edged trigonal graphenes. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014, 378, 646-649.	0.9	3
22	Facile synthesis of macroporous silicon photocathodes with enhanced photoelectrochemical performance. <i>Materials Letters</i> , 2014, 128, 148-151.	1.3	3
23	Microwave rapid synthesis of Cu _x O@polypyrrole nanofibre (PPyNF) composites for supercapacitors. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019, 27, 947-952.	1.0	3
24	Modulation of Low Bias Negative Differential Resistance in a Molecular Device by Adjusting Anchoring Groups. <i>Advanced Materials Research</i> , 2014, 1070-1072, 479-482.	0.3	0
25	The electronic transport characteristics of hybridized hexagon beryllium sulfide and graphene nanoribbons. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2017, 381, 30-35.	0.9	0
26	Synthesis of SAPO-20 Using Isopropylamine as a Template from a SAPO-34 Precursor. <i>Advances in Transdisciplinary Engineering</i> , 2021, , .	0.1	0