

Yongbin Sun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/946360/publications.pdf>

Version: 2024-02-01

21
papers

882
citations

687220

13
h-index

677027

22
g-index

22
all docs

22
docs citations

22
times ranked

1949
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen, Phosphorus, and Sulfur Co-doped Hollow Carbon Shell as Superior Metal-free Catalyst for Selective Oxidation of Aromatic Alkanes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4016-4020.	7.2	250
2	Nanoscale Magnetic Stirring Bars for Heterogeneous Catalysis in Microscopic Systems. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2661-2664.	7.2	104
3	Hierarchical flowerlike magnesium oxide hollow spheres with extremely high surface area for adsorption and catalysis. <i>Journal of Materials Chemistry A</i> , 2016, 4, 400-406.	5.2	89
4	One-pot synthesis of sandwich-like reduced graphene oxide@CoNiAl layered double hydroxide with excellent pseudocapacitive properties. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10858-10863.	5.2	64
5	Nitrogen, Phosphorus, and Sulfur Co-doped Hollow Carbon Shell as Superior Metal-free Catalyst for Selective Oxidation of Aromatic Alkanes. <i>Angewandte Chemie</i> , 2016, 128, 4084-4088.	1.6	64
6	Graphene-based composite supercapacitor electrodes with diethylene glycol as inter-layer spacer. <i>Journal of Materials Chemistry A</i> , 2014, 2, 7706-7710.	5.2	44
7	Sandwich-like porous TiO ₂ /reduced graphene oxide (rGO) for high-performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 8701-8705.	5.2	38
8	Amines functionalized C60 as solid base catalysts for Knoevenagel condensation with high activity and stability. <i>RSC Advances</i> , 2015, 5, 86082-86087.	1.7	35
9	Highly Active and Stable Palladium Nanoparticles Encapsulated in a Mesoporous Silica Yolk-shell Nanoreactor for Suzuki-Miyaura Reactions. <i>ChemCatChem</i> , 2015, 7, 2475-2479.	1.8	34
10	Improving the electrochemical performance of Fe ₃ O ₄ nanoparticles via a double protection strategy through carbon nanotube decoration and graphene networks. <i>Nano Research</i> , 2015, 8, 1339-1347.	5.8	30
11	Nitrogen-doped hollow carbon spheres derived from amination reaction of fullerene with alkyl diamines as a carbon catalyst for hydrogenation of aromatic nitro compounds. <i>Carbon</i> , 2017, 125, 139-145.	5.4	30
12	Spindle-shaped nanoscale yolk/shell magnetic stirring bars for heterogeneous catalysis in macro- and microscopic systems. <i>Chemical Communications</i> , 2016, 52, 1575-1578.	2.2	29
13	Nanoscale Magnetic Stirring Bars for Heterogeneous Catalysis in Microscopic Systems. <i>Angewandte Chemie</i> , 2015, 127, 2699-2702.	1.6	26
14	Synergistic effect between Ag and Mn ₃ O ₄ in the gas phase oxidation of alcohols. <i>Catalysis Communications</i> , 2018, 113, 15-18.	1.6	12
15	Nanocarbon-based TEMPO as stable heterogeneous catalysts for partial oxidation of alcohols. <i>Science Bulletin</i> , 2016, 61, 772-777.	4.3	11
16	Monolithic Ag-Cu ₂ O/Ti-foam for the gas phase oxidation of alcohols: Synergistic effect between Ag and Cu ₂ O. <i>Catalysis Communications</i> , 2020, 135, 105892.	1.6	6
17	Nitrogen, Sulfur Co-doped Carbon Materials Derived from the Leaf, Stem and Root of Amaranth as Metal-free Catalysts for Selective Oxidation of Aromatic Hydrocarbons. <i>ChemCatChem</i> , 2019, 11, 1010-1016.	1.8	5
18	Self-nitrogen-doped carbon materials derived from the petioles and blades of apricot leaves as metal-free catalysts for selective oxidation of aromatic alkanes. <i>Carbon Letters</i> , 2020, 30, 133-141.	3.3	3

#	ARTICLE	IF	CITATIONS
19	Facile synthesis of nitrogen-doped foam-like carbon materials from purslane stem as efficient metal-free catalysts for oxidative coupling of amines to imines. <i>Journal of Materials Science</i> , 2021, 56, 6124-6134.	1.7	3
20	Cu ₃ Pt ₁ –Cu ₂ O nanocomposites: synergistic effect-dependent high activity and stability for the gas-phase selective oxidation of alcohols. <i>RSC Advances</i> , 2017, 7, 54861-54865.	1.7	2
21	Nitrogen-doped porous carbons synthesized with low-temperature sodium amide activation as metal-free catalysts for oxidative coupling of amines to imines. <i>Journal of Materials Science</i> , 2021, 56, 16865-16876.	1.7	2