

Yuhua Xue

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5323272/yuhua-xue-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

6,856
citations

28
h-index

54
g-index

54
ext. papers

7,402
ext. citations

9.4
avg. IF

6
L-index

#	Paper	IF	Citations
50	Core-sheath fibers composed of F-doped nickel hydroxide nanorods and graphene fibers for effective fiber-shaped nonenzymatic glucose sensors. <i>Journal of Alloys and Compounds</i> , 2022 , 889, 161608	5.7	1
49	Ultraviolet/ozone treatment for boosting OER activity of MOF nanoneedle arrays. <i>Chemical Engineering Journal</i> , 2022 , 427, 131498	14.7	5
48	Transition Metal (Fe, Ni, Mn) with Heteroatoms B and S Tri-doped Co/C Catalysts for Oxygen Reduction Reaction. <i>Energy & Fuels</i> , 2021 , 35, 16822-16828	4.1	0
47	Metathesis Reaction to Form Nanosheet-Structured Co(OH) ₂ Deposited on N-Doped Carbon as Composite Electrocatalysts for Oxygen Reduction. <i>ACS Applied Energy Materials</i> , 2021 , 4, 4165-4172	6.1	4
46	Flexible fiber-shaped supercapacitors based on graphene/polyaniline hybrid fibers with high energy density and capacitance. <i>Nanotechnology</i> , 2021 , 32,	3.4	6
45	A Highly Active Oxygen Reduction Composite Electrocatalyst of Fe ₃ C with a N, F Dual-Doped Carbon Layer Hide. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 054511	3.9	0
44	Boosting Electrocatalytic Performance of Co(OH) ₂ /NC for Oxygen Reduction Reaction by a Secondary-N-Doping Strategy. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 054520	3.9	3
43	Graphene/tungsten disulfide core-sheath fibers: High-performance electrodes for flexible all-solid-state fiber-shaped supercapacitors. <i>Journal of Alloys and Compounds</i> , 2021 , 858, 157747	5.7	9
42	Preparation of Nitrogen-Doped Cellulose-Based Porous Carbon and Its Carbon Dioxide Adsorption Properties. <i>ACS Omega</i> , 2021 , 6, 24814-24825	3.9	2
41	Rationally designed hierarchical C/TiO ₂ /Ti multilayer core-sheath wires for high-performance energy storage devices. <i>Nanoscale</i> , 2021 , 13, 8658-8664	7.7	1
40	Hierarchical core-shell fibers of graphene fiber/radially-aligned molybdenum disulfide nanosheet arrays for highly efficient energy storage. <i>Journal of Alloys and Compounds</i> , 2020 , 828, 153622	5.7	15
39	Flexible fiber-shaped non-enzymatic sensors with a graphene-metal heterostructure based on graphene fibres decorated with gold nanosheets. <i>Carbon</i> , 2018 , 136, 329-336	10.4	41
38	Fabrication of CdTe QD-rGO composites with different linkers for controlling charge separation and recombination. <i>Materials Research Bulletin</i> , 2018 , 98, 53-58	5.1	8
37	A turn-on fluorescent lysine nanoprobe based on the use of the Alizarin Red aluminum(III) complex conjugated to graphene oxide, and its application to cellular imaging of lysine. <i>Mikrochimica Acta</i> , 2017 , 184, 3521-3528	5.8	9
36	Cytotoxicity and genotoxicity of bacterial magnetosomes against human retinal pigment epithelium cells. <i>Scientific Reports</i> , 2016 , 6, 26961	4.9	21
35	Two-Dimensional Fully Conjugated Polymeric Photosensitizers for Advanced Photodynamic Therapy. <i>Chemistry of Materials</i> , 2016 , 28, 8651-8658	9.6	42
34	Determination of Ag ⁺ ions by a graphene oxide based dual-output nanosensor with high selectivity. <i>RSC Advances</i> , 2016 , 6, 36218-36222	3.7	8

33	Multiscale patterning of graphene oxide and reduced graphene oxide for flexible supercapacitors. <i>Carbon</i> , 2015 , 92, 305-310	10.4	56
32	Metal-free catalysts for oxygen reduction reaction. <i>Chemical Reviews</i> , 2015 , 115, 4823-92	68.1	1763
31	Rationally designed graphene-nanotube 3D architectures with a seamless nodal junction for efficient energy conversion and storage. <i>Science Advances</i> , 2015 , 1, e1400198	14.3	152
30	Synthesis and Cytotoxicity of POSS Modified Single Walled Carbon Nanotubes. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-7	3.2	2
29	PAF-derived nitrogen-doped 3D Carbon Materials for Efficient Energy Conversion and Storage. <i>Scientific Reports</i> , 2015 , 5, 8307	4.9	25
28	Nitrogen-doped graphene by ball-milling graphite with melamine for energy conversion and storage. <i>2D Materials</i> , 2015 , 2, 044001	5.9	50
27	N-doped graphene nanoribbons as efficient metal-free counter electrodes for disulfide/thiolate redox mediated DSSCs. <i>Nanoscale</i> , 2015 , 7, 7078-83	7.7	35
26	Highly efficient electrocatalysts for oxygen reduction based on 2D covalent organic polymers complexed with non-precious metals. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2433-7	16.4	363
25	Graphene oxide nanoribbon as hole extraction layer to enhance efficiency and stability of polymer solar cells. <i>Advanced Materials</i> , 2014 , 26, 786-90	24	94
24	Transparent and stretchable high-performance supercapacitors based on wrinkled graphene electrodes. <i>ACS Nano</i> , 2014 , 8, 1039-46	16.7	363
23	Highly Efficient Electrocatalysts for Oxygen Reduction Based on 2D Covalent Organic Polymers Complexed with Non-precious Metals. <i>Angewandte Chemie</i> , 2014 , 126, 2465-2469	3.6	47
22	Reversible Self-Assembly of Terpyridine-Functionalized Graphene Oxide for Energy Conversion. <i>Angewandte Chemie</i> , 2014 , 126, 1439-1443	3.6	3
21	Reversible self-assembly of terpyridine-functionalized graphene oxide for energy conversion. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 1415-9	16.4	71
20	Size- and Shape-Dependent Fluorescence Quenching of Gold Nanoparticles on Perylene Dye. <i>Advanced Optical Materials</i> , 2013 , 1, 581-587	8.1	67
19	Hydrophilic Cucurbit[7]uril-Pseudorotaxane-Anchored-Monolayer-Protected Gold Nanorods. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 2682-2686	2.3	11
18	Three-dimensional B,N-doped graphene foam as a metal-free catalyst for oxygen reduction reaction. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 12220-6	3.6	260
17	Graphene-based materials for energy applications. <i>MRS Bulletin</i> , 2012 , 37, 1265-1272	3.2	113
16	Nitrogen-Doped Graphene Foams as Metal-Free Counter Electrodes in High-Performance Dye-Sensitized Solar Cells. <i>Angewandte Chemie</i> , 2012 , 124, 12290-12293	3.6	60

15	R&Ktitelbild: Nitrogen-Doped Graphene Foams as Metal-Free Counter Electrodes in High-Performance Dye-Sensitized Solar Cells (Angew. Chem. 48/2012). <i>Angewandte Chemie</i> , 2012 , 124, 12300-12300	3.6	1
14	Nitrogen-doped graphene foams as metal-free counter electrodes in high-performance dye-sensitized solar cells. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 12124-7	16.4	535
13	Vertically Aligned Carbon Nanotube Arrays Co-doped with Phosphorus and Nitrogen as Efficient Metal-Free Electrocatalysts for Oxygen Reduction. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 2863-70	6.4	269
12	Sulfated Graphene Oxide as a Hole-Extraction Layer in High-Performance Polymer Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 1928-33	6.4	132
11	Functionalization of Graphene Oxide with Polyhedral Oligomeric Silsesquioxane (POSS) for Multifunctional Applications. <i>Journal of Physical Chemistry Letters</i> , 2012 , 3, 1607-12	6.4	206
10	Hole and electron extraction layers based on graphene oxide derivatives for high-performance bulk heterojunction solar cells. <i>Advanced Materials</i> , 2012 , 24, 2228-33	24	256
9	Graphene Oxide Derivatives: Hole and Electron Extraction Layers Based on Graphene Oxide Derivatives for High-Performance Bulk Heterojunction Solar Cells (Adv. Mater. 17/2012). <i>Advanced Materials</i> , 2012 , 24, 2227-2227	24	5
8	Oxidizing metal ions with graphene oxide: the in situ formation of magnetic nanoparticles on self-reduced graphene sheets for multifunctional applications. <i>Chemical Communications</i> , 2011 , 47, 11689-91	5.8	158
7	Vertically Aligned BCN Nanotubes as Efficient Metal-Free Electrocatalysts for the Oxygen Reduction Reaction: A Synergetic Effect by Co-Doping with Boron and Nitrogen. <i>Angewandte Chemie</i> , 2011 , 123, 11960-11964	3.6	120
6	Durable, self-healing superhydrophobic and superoleophobic surfaces from fluorinated-decyl polyhedral oligomeric silsesquioxane and hydrolyzed fluorinated alkyl silane. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11433-6	16.4	409
5	Vertically aligned BCN nanotubes as efficient metal-free electrocatalysts for the oxygen reduction reaction: a synergetic effect by co-doping with boron and nitrogen. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11756-60	16.4	650
4	Magnet-induced temporary superhydrophobic coatings from one-pot synthesized hydrophobic magnetic nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 1449-55	9.5	53
3	Magnetic liquid marbles: a "precise" miniature reactor. <i>Advanced Materials</i> , 2010 , 22, 4814-8	24	271
2	Superhydrophobic electrospun POSS-PMMA copolymer fibres with highly ordered nanofibrillar and surface structures. <i>Chemical Communications</i> , 2009 , 6418-20	5.8	78
1	Preparation of carbon-coated MnCO ₃ @MnO ₂ hierarchical hollow nanostructure and their application in supercapacitors. <i>Journal of Materials Science: Materials in Electronics</i> , 1	2.1	1