

Xiaojun Wei

List of Publications by Year in Descending Order

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

21
papers

726
citations

10
h-index

23
g-index

23
ext. papers

911
ext. citations

7
avg, IF

4.24
L-index

#	Paper	IF	Citations
21	Translocation Behaviors of Synthetic Polyelectrolytes through Alpha-Hemolysin (αHL) and Mycobacterium smegmatis Porin A (MspA) Nanopores. <i>Journal of the Electrochemical Society</i> , 2022 , 169, 057510	3.9	
20	Nanopore sensing of β-cyclodextrin induced host-guest interaction to reverse the binding of perfluorooctanoic acid to human serum albumin. <i>Proteomics</i> , 2021 , e2100058	4.8	0
19	Multiplex quantitative detection of SARS-CoV-2 specific IgG and IgM antibodies based on DNA-assisted nanopore sensing. <i>Biosensors and Bioelectronics</i> , 2021 , 181, 113134	11.8	20
18	Biosensing of β-Amyloid Peptide Aggregation Dynamics using a Biological Nanopore. <i>Sensors and Actuators B: Chemical</i> , 2021 , 338,	8.5	7
17	Turning-on persistent luminescence out of chromium-doped zinc aluminate nanoparticles by instilling antisite defects under mild conditions. <i>Nanoscale</i> , 2021 , 13, 8514-8523	7.7	5
16	Continuous Flow Synthesis of Persistent Luminescent Chromium-Doped Zinc Gallate Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 7067-7075	6.4	3
15	N-Terminal Derivatization-Assisted Identification of Individual Amino Acids Using a Biological Nanopore Sensor. <i>ACS Sensors</i> , 2020 , 5, 1707-1716	9.2	7
14	Enabling nanopore technology for sensing individual amino acids by a derivatization strategy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 6792-6797	7.3	7
13	Nanopore Fabrication and Application as Biosensors in Neurodegenerative Diseases. <i>Critical Reviews in Biomedical Engineering</i> , 2020 , 48, 29-62	1.1	3
12	Insight into the effects of electrochemical factors on host-guest interaction induced signature events in a biological nanopore. <i>Nami Jishu Yu Jingmi Gongcheng/Nanotechnology and Precision Engineering</i> , 2020 , 3, 2-8	2.4	6
11	Longer and Stronger: Improving Persistent Luminescence in Size-Tuned Zinc Gallate Nanoparticles by Alcohol-Mediated Chromium Doping. <i>ACS Nano</i> , 2020 , 14, 12113-12124	16.7	21
10	Biocompatible off-stoichiometric copper indium sulfide quantum dots with tunable near-infrared emission via aqueous based synthesis. <i>Chemical Communications</i> , 2019 , 55, 15053-15056	5.8	11
9	Narrowing the Photoluminescence of Aqueous CdTe Quantum Dots via Ostwald Ripening Suppression Realized by Programmed Dropwise Precursor Addition. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 11109-11118	3.8	12
8	Molecular mechanisms for delicately tuning the morphology and properties of Fe ₃ O ₄ nanoparticle clusters. <i>CrystEngComm</i> , 2018 , 20, 2421-2429	3.3	8
7	Magnetically Aligned Co-C/MWCNTs Composite Derived from MWCNT-Interconnected Zeolitic Imidazolate Frameworks for a Lightweight and Highly Efficient Electromagnetic Wave Absorber. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 30850-30861	9.5	211
6	The Yin and Yang of coordinating co-solvents in the size-tuning of FeO nanocrystals through flow synthesis. <i>Nanoscale</i> , 2017 , 9, 18609-18612	7.7	11
5	Differently sized magnetic/upconversion luminescent NaGdF ₄ :Yb,Er nanocrystals: flow synthesis and solvent effects. <i>Chemical Communications</i> , 2016 , 52, 5872-5	5.8	26

4	Porous CNTs/Co Composite Derived from Zeolitic Imidazolate Framework: A Lightweight, Ultrathin, and Highly Efficient Electromagnetic Wave Absorber. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 34686-34698	9.5	306
3	Magnetic-luminescent YbPO ₄ :Er,Dy microspheres designed for tumor theranostics with synergistic effect of photodynamic therapy and chemotherapy. <i>International Journal of Nanomedicine</i> , 2014 , 9, 4879-91	7.3	10
2	ZnO:Er,Yb,Gd Particles Designed for Magnetic-Fluorescent Imaging and Near-Infrared Light Triggered Photodynamic Therapy. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 23716-23729	3.8	30
1	Preparation and characterization of ZnS:Tb,Gd and ZnS:Er,Yb,Gd nanoparticles for bimodal magnetic-fluorescent imaging. <i>Dalton Transactions</i> , 2013 , 42, 1752-9	4.3	22