Shichao Ding

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8997970/publications.pdf

Version: 2024-02-01

35	1,773	279487	360668
papers	citations	23 h-index	35 g-index

36	36	36	1665
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Overcoming bloodâ€“brain barrier transport: Advances in nanoparticle-based drug delivery strategies. Materials Today, 2020, 37, 112-125.	8.3	196
2	Metalâ€“organic framework based nanozymes: promising materials for biochemical analysis. Chemical Communications, 2020, 56, 11338-11353.	2.2	170
3	2D Singleâ€Atom Catalyst with Optimized Iron Sites Produced by Thermal Melting of Metalâ€“Organic Frameworks for Oxygen Reduction Reaction. Small Methods, 2020, 4, 1900827.	4.6	113
4	Aptamer functionalized nanomaterials for biomedical applications: Recent advances and new horizons. Nano Today, 2021, 39, 101177.	6.2	100
5	Highly Dispersive Cerium Atoms on Carbon Nanowires as Oxygen Reduction Reaction Electrocatalysts for Znâ€“Air Batteries. Nano Letters, 2021, 21, 4508-4515.	4.5	89
6	Integrating ionic liquids with molecular imprinting technology for biorecognition and biosensing: A review. Biosensors and Bioelectronics, 2020, 149, 111830.	5.3	88
7	Molecularly imprinted polypyrrole nanotubes based electrochemical sensor for glyphosate detection. Biosensors and Bioelectronics, 2021, 191, 113434.	5.3	81
8	Molecularly Imprinted Materials for Selective Biological Recognition. Macromolecular Rapid Communications, 2019, 40, e1900096.	2.0	71
9	Singleâ€Atomic Site Catalyst with Heme Enzymesâ€Like Active Sites for Electrochemical Sensing of Hydrogen Peroxide. Small, 2021, 17, e2100664.	5.2	66
10	Preparation of magnetic epitope imprinted polymer microspheres using cyclodextrin-based ionic liquids as functional monomer for highly selective and effective enrichment of cytochrome c. Chemical Engineering Journal, 2017, 317, 988-998.	6.6	65
11	Recent progress on single-atom catalysts for CO2 electroreduction. Materials Today, 2021, 48, 95-114.	8.3	63
12	Protein-based nanomaterials and nanosystems for biomedical applications: A review. Materials Today, 2021, 43, 166-184.	8.3	57
13	Nanomaterial-enhanced 3D-printed sensor platform for simultaneous detection of atrazine and acetochlor. Biosensors and Bioelectronics, 2021, 184, 113238.	5.3	56
14	An Ionâ€Imprinting Derived Strategy to Synthesize Singleâ€Atom Iron Electrocatalysts for Oxygen Reduction. Small, 2021, 17, e2004454.	5.2	52
15	Single-Atom Nanozymes Linked Immunosorbent Assay for Sensitive Detection of A Î² 1-40: A Biomarker of Alzheimerâ€™s Disease. Research, 2020, 2020, 4724505.	2.8	52
16	Bioinspired Peptoid Nanotubes for Targeted Tumor Cell Imaging and Chemoâ€Photodynamic Therapy. Small, 2019, 15, e1902485.	5.2	51
17	Atomically Isolated Iron Atom Anchored on Carbon Nanotubes for Oxygen Reduction Reaction. ACS Applied Materials & Interfaces, 2019, 11, 39820-39826.	4.0	49
18	Preparation of protein imprinted microspheres using amphiphilic ionic liquid as stabilizer and emulsifier via miniemulsion polymerization. Chemical Engineering Journal, 2017, 317, 356-367.	6.6	42

#	Article	IF	Citations
19	A novel controllable molecularly imprinted drug delivery system based on the photothermal effect of graphene oxide quantum dots. Journal of Materials Science, 2019, 54, 9124-9139.	1.7	35
20	Preparation of surface-imprinted microspheres using ionic liquids as novel cross-linker for recognizing an immunostimulating peptide. Journal of Materials Science, 2017, 52, 8027-8040.	1.7	30
21	Iron-Imprinted Single-Atomic Site Catalyst-Based Nanoprobe for Detection of Hydrogen Peroxide in Living Cells. Nano-Micro Letters, 2021, 13, 146.	14.4	30
22	Enhancing adsorption capacity while maintaining specific recognition performance of mesoporous silica: a novel imprinting strategy with amphiphilic ionic liquid as surfactant. Nanotechnology, 2018, 29, 375604.	1.3	28
23	Recent advances in biomedical applications of 2D nanomaterials with peroxidase-like properties. Advanced Drug Delivery Reviews, 2022, 185, 114269.	6.6	27
24	Preparation of highly cross-linked raspberry-like nano/microspheres and surface tailoring for controlled immunostimulating peptide adsorption. Polymer Chemistry, 2016, 7, 4531-4541.	1.9	25
25	Drug-based magnetic imprinted nanoparticles: Enhanced lysozyme amyloid fibrils cleansing and anti-amyloid fibrils toxicity. International Journal of Biological Macromolecules, 2020, 153, 723-735.	3.6	24
26	Preparation of Molecularly Imprinted Mesoporous Materials for Highly Enhancing Adsorption Performance of Cytochrome C. Polymers, 2018, 10, 298.	2.0	22
27	Synthesis of coreâ€“shell imprinting polymers with uniform thin imprinting layer via iniferter-induced radical polymerization for the selective recognition of thymopentin in aqueous solution. RSC Advances, 2016, 6, 110019-110031.	1.7	21
28	Eyeball-Like Yolkâ€“Shell Bimetallic Nanoparticles for Synergistic Photodynamicâ€“Photothermal Therapy. ACS Applied Bio Materials, 2020, 3, 5922-5929.	2.3	18
29	A MnO_x enhanced atomically dispersed ironâ€“nitrogenâ€“carbon catalyst for the oxygen reduction reaction. Journal of Materials Chemistry A, 2022, 10, 5981-5989.	5.2	18
30	Sequence-Defined Nanotubes Assembled from IR780-Conjugated Peptoids for Chemophototherapy of Malignant Glioma. Research, 2021, 2021, 9861384.	2.8	16
31	Selective Removal of Perfluorobutyric Acid Using an Electroactive Ion Exchanger Based on Polypyrrole@Iron Oxide on Carbon Cloth. ACS Applied Materials & Interfaces, 2021, 13, 48500-48507.	4.0	8
32	Bimetallic Ir_xPb nanowire networks with enhanced electrocatalytic activity for the oxygen evolution reaction. Journal of Materials Chemistry A, 2022, 10, 11196-11204.	5.2	6
33	Peptoid Nanotubes: Bioinspired Peptoid Nanotubes for Targeted Tumor Cell Imaging and Chemoâ€Photodynamic Therapy (Small 43/2019). Small, 2019, 15, 1970231.	5.2	1
34	Zeptomole Imaging of Cytosolic MicroRNA Cancer Biomarkers with A Light-Controlled Nanoantenna. Nano-Micro Letters, 2021, 13, 213.	14.4	1
35	Single-Atom Catalysts Boost Peroxidase-like Activity for Biosensing. ECS Meeting Abstracts, 2021, MA2021-02, 1963-1963.	0.0	0