

Zhiyong Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

342
citations

840119

11
h-index

940134

16
g-index

19
all docs

19
docs citations

19
times ranked

458
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular Electron Transfer Mediated by Flavins in Gram-positive <i>Bacillus</i> sp. WS-XY1 and Yeast <i>Pichia stipitis</i> . <i>Electrochimica Acta</i> , 2014, 146, 564-567.	2.6	74
2	Electrochemically Induced Phase Transition in $V_3O_7 \cdot nH_2O$ Nanobelts/Reduced Graphene Oxide Composites for Aqueous Zinc-Ion Batteries. <i>Small</i> , 2021, 17, e2100558.	5.2	41
3	Interactions between iron mineral-humic complexes and hexavalent chromium and the corresponding bio-effects. <i>Environmental Pollution</i> , 2018, 241, 265-271.	3.7	34
4	Three-Dimensional Sulfite Oxidase Bioanodes Based on Graphene Functionalized Carbon Paper for Sulfite/O ₂ Biofuel Cells. <i>ACS Catalysis</i> , 2019, 9, 6543-6554.	5.5	34
5	Circadian regulation of protein cargo in extracellular vesicles. <i>Science Advances</i> , 2022, 8, eabc9061.	4.7	26
6	Starch Capped Atomically Thin CuS Nanocrystals for Efficient Photothermal Therapy. <i>Small</i> , 2021, 17, e2103461.	5.2	25
7	Carbonized textile with free-standing threads as an efficient anode material for bioelectrochemical systems. <i>Journal of Power Sources</i> , 2015, 287, 269-275.	4.0	22
8	Ameliorating acidic soil using bioelectrochemistry systems. <i>RSC Advances</i> , 2014, 4, 62544-62549.	1.7	20
9	Interaction between in vivo bioluminescence and extracellular electron transfer in <i>Shewanella woodyi</i> via charge and discharge. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 1746-1750.	1.3	19
10	Orientation effect of zinc vanadate cathode on zinc ion storage performance. <i>Electrochimica Acta</i> , 2021, 388, 138646.	2.6	15
11	Electrons selective uptake of a metal-reducing bacterium <i>Shewanella oneidensis</i> MR-1 from ferrocyanide. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111571.	5.3	13
12	Examining the effects of nitrogen-doped carbon coating on zinc vanadate nanoflowers towards high performance lithium anode. <i>Electrochimica Acta</i> , 2020, 356, 136791.	2.6	9
13	Synthesis and Structure of a Two-Dimensional Palladium Oxide Network on Reduced Graphene Oxide. <i>Nano Letters</i> , 2022, 22, 4854-4860.	4.5	3
14	Effect of Copper and Phosphate on the Biosynthesis of Palladium Nanoparticles by <i>Shewanella oneidensis</i> MR-1. <i>ChemElectroChem</i> , 2020, 7, 4460-4468.	1.7	2
15	Bacterially Generated Nanocatalysts and Their Applications. <i>ACS Symposium Series</i> , 2020, , 97-122.	0.5	2
16	Starch Capped Atomically Thin CuS Nanocrystals for Efficient Photothermal Therapy (<i>Small</i> 47/2021). <i>Small</i> , 2021, 17, 2170249.	5.2	2
17	Zinc-Ion Batteries: Electrochemically Induced Phase Transition in $V_3O_7 \cdot nH_2O$ Nanobelts/Reduced Graphene Oxide Composites for Aqueous Zinc-Ion Batteries (<i>Small</i> 24/2021). <i>Small</i> , 2021, 17, 2170121.	5.2	1
18	Inward Electron Transfer of a Metal Reducing Bacterium from High-Redox Potential Molecules. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0