

Qi Bao

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

771
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

1620
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of silver nanoparticle and graphene oxide nanosheet composites as a bactericidal agent for water disinfection. <i>Journal of Colloid and Interface Science</i> , 2011, 360, 463-470.	9.4	395
2	Effects of two main metabolites of sulphate-reducing bacteria on the corrosion of Q235 steels in 3.5 wt.% NaCl media. <i>Corrosion Science</i> , 2012, 65, 405-413.	6.6	61
3	Controlled drug release characteristics and enhanced antibacterial effect of graphene oxide drug intercalated layered double hydroxide hybrid films. <i>Journal of Materials Chemistry</i> , 2012, 22, 23106.	6.7	58
4	One-step argon/nitrogen binary plasma jet irradiation of Li ₄ Ti ₅ O ₁₂ for stable high-rate lithium ion battery anodes. <i>Journal of Power Sources</i> , 2015, 275, 660-667.	7.8	47
5	Top-down dispersion meets bottom-up synthesis: merging ultranano silicon and graphene nanosheets for superior hybrid anodes for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 9986-9997.	10.3	45
6	Scalable Upcycling Silicon from Waste Slicing Sludge for High-performance Lithium-ion Battery Anodes. <i>Electrochimica Acta</i> , 2015, 173, 82-90.	5.2	43
7	2-Mercaptobenzothiazole doped chitosan/11-alkanethiolate acid composite coating: Dual function for copper protection. <i>Applied Surface Science</i> , 2011, 257, 10529-10534.	6.1	33
8	Nano-Microdesign of Marimo-Like Carbon Nanotubes Supported Frameworks via In-Spaced Polymerization for High Performance Silicon Lithium Ion Battery Anodes. <i>Small</i> , 2015, 11, 2314-2322.	10.0	29
9	Promoting catalytic ozonation of phenol over graphene through nitrogenation and Co ₃ O ₄ compositing. <i>Journal of Environmental Sciences</i> , 2016, 50, 38-48.	6.1	18
10	Hydrothermal self-assembly and supercapacitive behaviors of Co(II) ion-modified graphene aerogels in H ₂ SO ₄ electrolyte. <i>Materials Research Bulletin</i> , 2014, 56, 92-97.	5.2	12
11	Accelerated Degradation of Poly(lactide acid)/Poly(hydroxybutyrate) (PLA/PHB) Yarns/Fabrics by UV and O ₂ Exposure in South China Seawater. <i>Polymers</i> , 2022, 14, 1216.	4.5	11
12	Heading towards novel superior silicon-based lithium-ion batteries: ultrasmall nanoclusters top-down dispersed over synthetic graphite flakes as binary hybrid anodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 16998-17007.	10.3	10
13	Building 3D porous, elastic and hydrophilic current collectors: Prolonging the cycling life of Si based anode for lithium ion batteries. <i>Materials Letters</i> , 2017, 202, 28-31.	2.6	7
14	Catalytic Ozonation of Aromatics in Aqueous Solutions Over Graphene and Their Derivatives. , 2019, , 209-219.		2