

Jimin Park

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

943
citations

759233

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713466

21
g-index

23
all docs

23
docs citations

23
times ranked

2115
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordination tuning of cobalt phosphates towards efficient water oxidation catalyst. Nature Communications, 2015, 6, 8253.	12.8	352
2	A New Water Oxidation Catalyst: Lithium Manganese Pyrophosphate with Tunable Mn Valency. Journal of the American Chemical Society, 2014, 136, 4201-4211.	13.7	136
3	Tyrosine-mediated two-dimensional peptide assembly and its role as a bio-inspired catalytic scaffold. Nature Communications, 2014, 5, 3665.	12.8	98
4	Graphene Quantum Sheet Catalyzed Silicon Photocathode for Selective CO ₂ Conversion to CO. Advanced Functional Materials, 2016, 26, 233-242.	14.9	77
5	In situ electrochemical generation of nitric oxide for neuronal modulation. Nature Nanotechnology, 2020, 15, 690-697.	31.5	58
6	Initial investigation and evaluation of potassium metal as an anode for rechargeable potassium batteries. Journal of Materials Chemistry A, 2020, 8, 16718-16737.	10.3	44
7	Stable Solid Electrolyte Interphase for Long-Life Potassium Metal Batteries. ACS Energy Letters, 2022, 7, 401-409.	17.4	32
8	Magnesium Corrosion Triggered Spontaneous Generation of H ₂ O ₂ on Oxidized Titanium for Promoting Angiogenesis. Angewandte Chemie - International Edition, 2015, 54, 14753-14757.	13.8	22
9	Customizing MRI-compatible Multifunctional Neural Interfaces through Fiber Drawing. Advanced Functional Materials, 2021, 31, 2104857.	14.9	21
10	Potassium-Oxygen Batteries: Significance, Challenges, and Prospects. Journal of Physical Chemistry Letters, 2020, 11, 7849-7856.	4.6	18
11	Biofunctionalized Ceramic with Self-Assembled Networks of Nanochannels. ACS Nano, 2015, 9, 4447-4457.	14.6	15
12	Investigation of superior sodium storage and reversible Na ₂ S conversion reactions in a porous NiS ₂ @C composite using <i>in operando</i> X-ray diffraction. Journal of Materials Chemistry A, 2020, 8, 24401-24407.	10.3	14
13	Remotely Controlled Proton Generation for Neuromodulation. Nano Letters, 2020, 20, 6535-6541.	9.1	13
14	Modular Integration of Hydrogel Neural Interfaces. ACS Central Science, 2021, 7, 1516-1523.	11.3	9
15	Electrochemical Modulation of Carbon Monoxide-mediated Cell Signaling. Angewandte Chemie - International Edition, 2021, 60, 20325-20330.	13.8	9
16	Transgenic zebrafish model for quantification and visualization of tissue toxicity caused by alloying elements in newly developed biodegradable metal. Scientific Reports, 2018, 8, 13818.	3.3	7
17	Quantitative Analysis of Calcium Phosphate Nanocluster Growth Using Time-of-Flight Medium-Energy-Ion-Scattering Spectroscopy. ACS Central Science, 2018, 4, 1253-1260.	11.3	5
18	Tailoring H ₂ O ₂ generation kinetics with magnesium alloys for efficient disinfection on titanium surface. Scientific Reports, 2020, 10, 6536.	3.3	4

#	ARTICLE	IF	CITATIONS
19	Influence of Magnetic Fields on Electrochemical Reactions of Redox Cofactor Solutions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18295-18302.	13.8	4
20	Influence of Magnetic Fields on Electrochemical Reactions of Redox Cofactor Solutions. <i>Angewandte Chemie</i> , 2021, 133, 18443-18450.	2.0	2
21	Electrochemical Modulation of Carbon Monoxide-Mediated Cell Signaling. <i>Angewandte Chemie</i> , 2021, 133, 20488-20493.	2.0	0