

Sung-Woo Park

List of Publications by Year in descending order

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15
papers

333
citations

1051969

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1181555

14
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15
docs citations

15
times ranked

584
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational design of S, N Co-doped reduced graphene oxides/pyrrhotite Fe ₇ S ₈ as free-standing anodes for large-scale, ultrahigh-rate and long-lifespan Li- and Na-ion batteries. Applied Surface Science, 2021, 540, 148358.	3.1	13
2	Three-dimensional construction of electrode materials using TiC nanoarray substrates for highly efficient electrogeneration of sulfate radicals and molecular hydrogen in a single electrolysis cell. Journal of Materials Chemistry A, 2021, 9, 11705-11717.	5.2	5
3	Vertically aligned Si@reduced graphene oxide frameworks for binder-free high areal capacity Li-ion battery anodes. International Journal of Energy Research, 2021, 45, 9704-9712.	2.2	4
4	Peroxymonosulfate activation by carbon-encapsulated metal nanoparticles: Switching the primary reaction route and increasing chemical stability. Applied Catalysis B: Environmental, 2020, 279, 119360.	10.8	60
5	Highly active and stable electrocatalytic transition metal phosphides (Ni ₂ P) with high current density. International Journal of Energy Research, 2020, 44, 11894-11907.	10.784314	7
6	Carbon-coated tungsten diselenide nanosheets uniformly assembled on porous carbon cloth as flexible binder-free anodes for sodium-ion batteries with improved electrochemical performance. Journal of Alloys and Compounds, 2020, 827, 154348.	2.8	16
7	Onion-like crystalline WS ₂ nanoparticles anchored on graphene sheets as high-performance anode materials for lithium-ion batteries. Chemical Engineering Journal, 2019, 375, 122033.	6.6	49
8	S,N co-doped reduced graphene oxide sheets with cobalt hydroxide nanocrystals for highly active and stable bifunctional oxygen catalysts. Inorganic Chemistry Frontiers, 2019, 6, 3501-3509.	3.0	8
9	Carbon-encapsulated multi-phase nanocomposite of W ₂ C@WC _{1-x} as a highly active and stable electrocatalyst for hydrogen generation. Nanoscale, 2018, 10, 21123-21131.	2.8	26
10	Carbon-encapsulated NiFe nanoparticles as a bifunctional electrocatalyst for high-efficiency overall water splitting. Journal of Catalysis, 2018, 366, 266-274.	3.1	54
11	Enhanced cycle stability of silicon coated with waste poly(vinyl butyral)-directed carbon for lithium-ion battery anodes. Journal of Alloys and Compounds, 2017, 698, 525-531.	2.8	22
12	Superior lithium storage in nitrogen-doped carbon nanofibers with open-channels. Chemical Engineering Journal, 2017, 315, 1-9.	6.6	28
13	Uniform Si nanoparticle-embedded nitrogen-doped carbon nanofiber electrodes for lithium ion batteries. Journal of Alloys and Compounds, 2017, 728, 490-496.	2.8	27
14	Si Nanoparticles-Embedded Nitrogen-Doped Carbon Nanofibers for Lithium Ion Battery Anodes. ECS Meeting Abstracts, 2017, , .	0.0	0
15	Synthesis of Silicon Carbide Nanocrystals Using Waste Poly(vinyl butyral) Sheet. Journal of the American Ceramic Society, 2016, 99, 1885-1888.	1.9	14