Huiqiao Liu

List of Publications by Year
in descending order

37 papers	2,262 citations	201674 27 h-index	330143 37 g-index
37 all docs	37 docs citations	37 times ranked	3580 citing authors

#	Article	IF	Citations
1	Structure engineering of silicon nanoparticles with dual signals for hydrogen peroxide detection. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 266, 120421.	3.9	5
2	Self-induced matrix with Li-ion storage activity in ultrathin CuMnO2 nanosheets electrode. Journal of Colloid and Interface Science, 2022, 606, 1101-1110.	9.4	24
3	Heterostructure engineering of ultrathin SnS2/Ti3C2T nanosheets for high-performance potassium-ion batteries. Journal of Colloid and Interface Science, 2022, 606, 167-176.	9.4	28
4	Activating commercial Al pellets by replacing the passivation layer for high-performance half/full Li-ion batteries. Chemical Engineering Journal, 2022, 433, 133572.	12.7	7
5	SERS Tags for Biomedical Detection and Bioimaging. Theranostics, 2022, 12, 1870-1903.	10.0	78
6	Promoting K ion storage property of SnS2 anode by structure engineering. Chemical Engineering Journal, 2021, 406, 126902.	12.7	52
7	Mn3O4 nanoparticles anchored on carbon nanotubes as anode material with enhanced lithium storage. Journal of Alloys and Compounds, 2021, 854, 157179.	5.5	45
8	Stimulating the Reversibility of Sb₂S₃ Anode for Highâ€Performance Potassiumâ€Ion Batteries. Small, 2021, 17, e2008133.	10.0	56
9	Potassiumâ€Ion Batteries: Stimulating the Reversibility of Sb₂S₃ Anode for Highâ€Performance Potassiumâ€Ion Batteries (Small 10/2021). Small, 2021, 17, 2170044.	10.0	2
10	Bi-continuous ion/electron transfer avenues enhancing the rate capability of SnS2 anode for potassium-ion batteries. Journal of Power Sources, 2021, 506, 230160.	7.8	17
11	Lowering the voltage-hysteresis of CuS anode for Li-ion batteries via constructing heterostructure. Chemical Engineering Journal, 2021, 425, 130548.	12.7	41
12	Flexible Surfaceâ€Enhanced Raman Scattering Substrates: A Review on Constructions, Applications, and Challenges. Advanced Materials Interfaces, 2021, 8, 2100982.	3.7	43
13	Boosting glucose oxidation by constructing Cuâ€“Cu₂O heterostructures. New Journal of Chemistry, 2020, 44, 18449-18456.	2.8	13
14	Boosting Coulombic Efficiency of Conversionâ€Reaction Anodes for Potassiumâ€Ion Batteries via Confinement Effect. Advanced Functional Materials, 2020, 30, 2007712.	14.9	68
15	Flexible Antimony@Carbon Integrated Anode for Highâ€Performance Potassiumâ€Ion Battery. Advanced Materials Technologies, 2020, 5, 2000199.	5.8	53
16	Constructing hierarchical MnO2/Co3O4 heterostructure hollow spheres for high-performance Li-Ion batteries. Journal of Power Sources, 2019, 437, 226904.	7.8	33
17	CuO Nanoplates for Highâ€Performance Potassiumâ€Ion Batteries. Small, 2019, 15, e1901775.	10.0	111
18	K2Ti6O13 nanorods for potassium-ion battery anodes. Journal of Electroanalytical Chemistry, 2019, 841, 51-55.	3.8	37

#	Article	IF	Citations
19	Prussian Blue as a Highly Sensitive and Background-Free Resonant Raman Reporter. Analytical Chemistry, 2017, 89, 1551-1557.	6.5	95
20	Live-Cell Pyrophosphate Imaging by in Situ Hot-Spot Generation. Analytical Chemistry, 2017, 89, 3532-3537.	6.5	42
21	Building Electromagnetic Hot Spots in Living Cells via Target-Triggered Nanoparticle Dimerization. ACS Nano, 2017, 11, 3532-3541.	14.6	119
22	In Situ Hot-Spot Assembly as a General Strategy for Probing Single Biomolecules. Analytical Chemistry, 2017, 89, 4776-4780.	6.5	42
23	High-Precision Profiling of Sialic Acid Expression in Cancer Cells and Tissues Using Background-Free Surface-Enhanced Raman Scattering Tags. Analytical Chemistry, 2017, 89, 5874-5881.	6.5	49
24	Encapsulating sulfur in Î´-MnO2 at room temperature for Li-S battery cathode. Energy Storage Materials, 2017, 9, 78-84.	18.0	97
25	Janus PEGylated gold nanoparticles: a robust colorimetric probe for sensing nitrite ions in complex samples. Nanoscale, 2017, 9, 1811-1815.	5.6	33
26	A Foolproof Method to Fabricate Integrated Electrodes with 3D Conductive Networks: A Case Study of MnO_x@Câ€Cu as Liâ€Ion Battery Anode. Advanced Materials Technologies, 2017, 2, 1600221.	5.8	21
27	A Wash-Free Homogeneous Colorimetric Immunoassay Method. Theranostics, 2016, 6, 54-64.	10.0	44
28	Na₂Ti₆O₁₃ Nanorods with Dominant Large Interlayer Spacing Exposed Facet for Highâ€Performance Naâ€Ion Batteries. Small, 2016, 12, 2991-2997.	10.0	78
29	Trace MicroRNA Quantification by Means of Plasmon-Enhanced Hybridization Chain Reaction. Analytical Chemistry, 2016, 88, 4600-4604.	6.5	60
30	Electrodes: Reconstruction of Miniâ€Hollow Polyhedron Mn₂O₃ Derived from MOFs as a Highâ€Performance Lithium Anode Material (Adv. Sci. 3/2016). Advanced Science, 2016, 3, .	11.2	1
31	Reconstruction of Miniâ€Hollow Polyhedron Mn₂O₃ Derived from MOFs as a Highâ€Performance Lithium Anode Material. Advanced Science, 2016, 3, 1500185.	11.2	83
32	FeMnO₃: a high-performance Li-ion battery anode material. Chemical Communications, 2016, 52, 11414-11417.	4.1	38
33	Lithium-ion Batteries: 3D Hierarchical Porous Î±-Fe2O3Nanosheets for High-Performance Lithium-Ion Batteries (Adv. Energy Mater. 4/2015). Advanced Energy Materials, 2015, 5, .	19.5	5
34	Ultraâ€High Capacity Lithiumâ€Ion Batteries with Hierarchical CoO Nanowire Clusters as Binder Free Electrodes. Advanced Functional Materials, 2015, 25, 1082-1089.	14.9	237
35	Ultrasmall TiO₂ Nanoparticles in Situ Growth on Graphene Hybrid as Superior Anode Material for Sodium/Lithium Ion Batteries. ACS Applied Materials & Interfaces, 2015, 7, 11239-11245.	8.0	144
36	3D Hierarchical Porous Î±â€Fe₂O₃ Nanosheets for Highâ€Performance Lithiumâ€Ion Batteries. Advanced Energy Materials, 2015, 5, 1401421.	19.5	321

#	Article	IF	Citations
37	Improved dehydrogenation performance of LiBH₄ by confinement into porous TiO₂ micro-tubes. Journal of Materials Chemistry A, 2014, 2, 9244-9250.	10.3	40