

Huiqiao Liu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	3D Hierarchical Porous Fe_2O_3 Nanosheets for High-Performance Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , 2015, 5, 1401421.	19.5	321
2	Ultra-High Capacity Lithium-Ion Batteries with Hierarchical CoO Nanowire Clusters as Binder Free Electrodes. <i>Advanced Functional Materials</i> , 2015, 25, 1082-1089.	14.9	237
3	Ultrasmall TiO_2 Nanoparticles in Situ Growth on Graphene Hybrid as Superior Anode Material for Sodium/Lithium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 11239-11245.	8.0	144
4	Building Electromagnetic Hot Spots in Living Cells <i>via</i> Target-Triggered Nanoparticle Dimerization. <i>ACS Nano</i> , 2017, 11, 3532-3541.	14.6	119
5	CuO Nanoplates for High-Performance Potassium-Ion Batteries. <i>Small</i> , 2019, 15, e1901775.	10.0	111
6	Encapsulating sulfur in $\gamma\text{-MnO}_2$ at room temperature for Li-S battery cathode. <i>Energy Storage Materials</i> , 2017, 9, 78-84.	18.0	97
7	Prussian Blue as a Highly Sensitive and Background-Free Resonant Raman Reporter. <i>Analytical Chemistry</i> , 2017, 89, 1551-1557.	6.5	95
8	Reconstruction of Mini-Hollow Polyhedron Mn_2O_3 Derived from MOFs as a High-Performance Lithium Anode Material. <i>Advanced Science</i> , 2016, 3, 1500185.	11.2	83
9	$\text{Na}_2\text{Ti}_6\text{O}_{13}$ Nanorods with Dominant Large Interlayer Spacing Exposed Facet for High-Performance Na-Ion Batteries. <i>Small</i> , 2016, 12, 2991-2997.	10.0	78
10	SERS Tags for Biomedical Detection and Bioimaging. <i>Theranostics</i> , 2022, 12, 1870-1903.	10.0	78
11	Boosting Coulombic Efficiency of Conversion-Reaction Anodes for Potassium-Ion Batteries via Confinement Effect. <i>Advanced Functional Materials</i> , 2020, 30, 2007712.	14.9	68
12	Trace MicroRNA Quantification by Means of Plasmon-Enhanced Hybridization Chain Reaction. <i>Analytical Chemistry</i> , 2016, 88, 4600-4604.	6.5	60
13	Stimulating the Reversibility of Sb_2S_3 Anode for High-Performance Potassium-Ion Batteries. <i>Small</i> , 2021, 17, e2008133.	10.0	56
14	Flexible Antimony@Carbon Integrated Anode for High-Performance Potassium-Ion Battery. <i>Advanced Materials Technologies</i> , 2020, 5, 2000199.	5.8	53
15	Promoting K ion storage property of SnS_2 anode by structure engineering. <i>Chemical Engineering Journal</i> , 2021, 406, 126902.	12.7	52
16	High-Precision Profiling of Sialic Acid Expression in Cancer Cells and Tissues Using Background-Free Surface-Enhanced Raman Scattering Tags. <i>Analytical Chemistry</i> , 2017, 89, 5874-5881.	6.5	49
17	Mn_3O_4 nanoparticles anchored on carbon nanotubes as anode material with enhanced lithium storage. <i>Journal of Alloys and Compounds</i> , 2021, 854, 157179.	5.5	45
18	A Wash-Free Homogeneous Colorimetric Immunoassay Method. <i>Theranostics</i> , 2016, 6, 54-64.	10.0	44

#	ARTICLE	IF	CITATIONS
19	Flexible Surface-Enhanced Raman Scattering Substrates: A Review on Constructions, Applications, and Challenges. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100982.	3.7	43
20	Live-Cell Pyrophosphate Imaging by in Situ Hot-Spot Generation. <i>Analytical Chemistry</i> , 2017, 89, 3532-3537.	6.5	42
21	In Situ Hot-Spot Assembly as a General Strategy for Probing Single Biomolecules. <i>Analytical Chemistry</i> , 2017, 89, 4776-4780.	6.5	42
22	Lowering the voltage-hysteresis of CuS anode for Li-ion batteries via constructing heterostructure. <i>Chemical Engineering Journal</i> , 2021, 425, 130548.	12.7	41
23	Improved dehydrogenation performance of LiBH ₄ by confinement into porous TiO ₂ micro-tubes. <i>Journal of Materials Chemistry A</i> , 2014, 2, 9244-9250.	10.3	40
24	FeMnO ₃ : a high-performance Li-ion battery anode material. <i>Chemical Communications</i> , 2016, 52, 11414-11417.	4.1	38
25	K ₂ Ti ₆ O ₁₃ nanorods for potassium-ion battery anodes. <i>Journal of Electroanalytical Chemistry</i> , 2019, 841, 51-55.	3.8	37
26	Janus PEGylated gold nanoparticles: a robust colorimetric probe for sensing nitrite ions in complex samples. <i>Nanoscale</i> , 2017, 9, 1811-1815.	5.6	33
27	Constructing hierarchical MnO ₂ /Co ₃ O ₄ heterostructure hollow spheres for high-performance Li-ion batteries. <i>Journal of Power Sources</i> , 2019, 437, 226904.	7.8	33
28	Heterostructure engineering of ultrathin SnS ₂ /Ti ₃ C ₂ T nanosheets for high-performance potassium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 167-176.	9.4	28
29	Self-induced matrix with Li-ion storage activity in ultrathin CuMnO ₂ nanosheets electrode. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1101-1110.	9.4	24
30	A Foolproof Method to Fabricate Integrated Electrodes with 3D Conductive Networks: A Case Study of MnO _x @Cu as Li-ion Battery Anode. <i>Advanced Materials Technologies</i> , 2017, 2, 1600221.	5.8	21
31	Bi-continuous ion/electron transfer avenues enhancing the rate capability of SnS ₂ anode for potassium-ion batteries. <i>Journal of Power Sources</i> , 2021, 506, 230160.	7.8	17
32	Boosting glucose oxidation by constructing Cu ₂ O heterostructures. <i>New Journal of Chemistry</i> , 2020, 44, 18449-18456.	2.8	13
33	Activating commercial Al pellets by replacing the passivation layer for high-performance half/full Li-ion batteries. <i>Chemical Engineering Journal</i> , 2022, 433, 133572.	12.7	7
34	Lithium-ion Batteries: 3D Hierarchical Porous \pm -Fe ₂ O ₃ Nanosheets for High-Performance Lithium-Ion Batteries (<i>Adv. Energy Mater.</i> 4/2015). <i>Advanced Energy Materials</i> , 2015, 5, .	19.5	5
35	Structure engineering of silicon nanoparticles with dual signals for hydrogen peroxide detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 266, 120421.	3.9	5
36	Potassium-ion Batteries: Stimulating the Reversibility of Sb ₂ S ₃ Anode for High-Performance Potassium-ion Batteries (<i>Small</i> 10/2021). <i>Small</i> , 2021, 17, 2170044.	10.0	2

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37	Electrodes: Reconstruction of Miniâ€Hollow Polyhedron Mn ₂ O ₃ Derived from MOFs as a Highâ€Performance Lithium Anode Material (Adv. Sci. 3/2016). Advanced Science, 2016, 3, .	11.2	1