

Yan Meng

List of Publications by Year in descending order

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33
papers

1,374
citations

516710

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377865

34
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36
docs citations

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times ranked

1848
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen/oxygen codoped hierarchical porous Carbons/Selenium cathode with excellent lithium and sodium storage behavior. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 265-274.	9.4	20
2	Oxygen framework reconstruction by LiAlH ₄ treatment enabling stable cycling of high-voltage LiCoO ₂ . <i>Energy Storage Materials</i> , 2022, 44, 487-496.	18.0	27
3	The unique physical shading pattern of Rayleigh scattering for the generally improved detection of scattering particles. <i>Analyst, The</i> , 2022, 147, 2361-2368.	3.5	2
4	Nano-LiFePO ₄ /C Derived from Gaseous-Oxidation Engineering-Synthesized Amorphous Mesoporous nano-FePO ₄ for High-Rate Li-Ion Batteries. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 9311-9321.	3.7	4
5	Trifunctional Electrolyte Additive Hexadecyltrioctylammonium Iodide for Lithium-Sulfur Batteries with Extended Cycle Life. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16545-16557.	8.0	14
6	Lithium cobalt phosphate electrode for the simultaneous determination of ascorbic acid, dopamine, and serum uric acid by differential pulse voltammetry. <i>Mikrochimica Acta</i> , 2021, 188, 190.	5.0	8
7	Investigation of the LiBH ₄ Modification Effect on Cycling Stability and High-Rate Capacity of LiCoO ₂ Cathodes. <i>ACS Applied Energy Materials</i> , 2021, 4, 6933-6941.	5.1	7
8	Understanding the inter-site distance effect in single-atom catalysts for oxygen electroreduction. <i>Nature Catalysis</i> , 2021, 4, 615-622.	34.4	336
9	Polyporous PVDF/TiO ₂ photocatalytic composites for photocatalyst fixation, recycle, and repair. <i>Journal of the American Ceramic Society</i> , 2021, 104, 6290-6298.	3.8	8
10	LiFePO ₄ -covered silicon composite cathode with additional Li storage for lithium-ion batteries. <i>Ionics</i> , 2021, 27, 4983-4993.	2.4	4
11	High-crystallinity and high-rate Prussian Blue analogues synthesized at the oil-water interface. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 2008-2016.	6.0	22
12	The fluorination-assisted dealloying synthesis of porous reduced graphene oxide-FeF ₂ @carbon for high-performance lithium-ion battery and the exploration of its electrochemical mechanism. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3273-3283.	6.0	10
13	An iron foam acts as a substrate and iron source for the <i>in situ</i> construction of a robust transition metal phytate electrocatalyst for overall water splitting. <i>Sustainable Energy and Fuels</i> , 2020, 4, 331-336.	4.9	11
14	Flame-Retardant Bilayer Separator with Multifaceted van der Waals Interaction for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26402-26411.	8.0	40
15	Three-dimensional iron oxyfluoride/N-doped carbon hybrid nanocomposites as high-performance cathodes for rechargeable Li-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 465-472.	6.0	6
16	Improved Electrochemiluminescence Behavior of Glassy Carbon Electrode Through <i>In Situ</i> Chemical Bonding Modification. <i>ChemElectroChem</i> , 2019, 6, 1878-1883.	3.4	1
17	Facile synthesis of phosphorus-doped carbon under tuned temperature with high lithium and sodium anodic performances. <i>Journal of Colloid and Interface Science</i> , 2019, 551, 61-71.	9.4	20
18	A phytic acid derived LiMn _{0.5} Fe _{0.5} PO ₄ /Carbon composite of high energy density for lithium rechargeable batteries. <i>Scientific Reports</i> , 2019, 9, 6665.	3.3	17

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19	Self-assembly of DNA nanoparticles through multiple catalyzed hairpin assembly for enzyme-free nucleic acid amplified detection. <i>Talanta</i> , 2018, 179, 641-645.	5.5	28
20	Obtaining $P_{2\text{Na}}^{0.56}[\text{Ni}_{0.1}\text{Co}_{0.1}\text{Mn}_{0.8}\text{O}_2]$ Cathode Materials for Sodium-Ion Batteries by using a Co-precipitation Method. <i>ChemElectroChem</i> , 2018, 5, 3229-3235.	3.4	15
21	Sodium Carboxymethylcellulose Derived Oxygen-Rich Porous Carbon Anodes for High-Performance Lithium/Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2017, 4, 458-458.	3.4	3
22	Three-Dimensional Nanocomposite of Iron-Based Fluoride Loaded in N-Doped Porous Carbon as a High-Performance Cathode for Rechargeable Li-Ion Batteries. <i>ChemElectroChem</i> , 2017, 4, 1856-1862.	3.4	7
23	Tri-metallic phytate in situ electrodeposited on 3D Ni foam as a highly efficient electrocatalyst for enhanced overall water splitting. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18786-18792.	10.3	24
24	Sodium Carboxymethylcellulose Derived Oxygen-Rich Porous Carbon Anodes for High-Performance Lithium/Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2017, 4, 500-507.	3.4	19
25	Synchronous Multi-sites Determination of H ₂ O ₂ in Vertical Water Based on Phosphor TiO ₂ /SiO ₂ Nanocomposite. <i>Analytical Sciences</i> , 2016, 32, 775-780.	1.6	2
26	Sodium storage in fluorine-rich mesoporous carbon fabricated by low-temperature carbonization of polyvinylidene fluoride with a silica template. <i>RSC Advances</i> , 2016, 6, 110850-110857.	3.6	20
27	Porous nitrogen-doped carbon tubes derived from reed catkins as a high-performance anode for lithium ion batteries. <i>RSC Advances</i> , 2016, 6, 98434-98439.	3.6	12
28	Target-catalyzed autonomous assembly of dendrimer-like DNA nanostructures for enzyme-free and signal amplified colorimetric nucleic acids detection. <i>Biosensors and Bioelectronics</i> , 2016, 86, 985-989.	10.1	51
29	High lithium and sodium anodic performance of nitrogen-rich ordered mesoporous carbon derived from alfalfa leaves by a ball-milling assisted template method. <i>Journal of Materials Chemistry A</i> , 2016, 4, 17491-17502.	10.3	27
30	Unusual sequence length-dependent gold nanoparticles aggregation of the ssDNA sticky end and its application for enzyme-free and signal amplified colorimetric DNA detection. <i>Scientific Reports</i> , 2016, 6, 30878.	3.3	31
31	Pumpkin-Derived Porous Carbon for Supercapacitors with High Performance. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1828-1836.	3.3	56
32	Nitrogen-rich porous carbon derived from biomass as a high performance anode material for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6534-6541.	10.3	305
33	Hierarchically porous nitrogen-rich carbon derived from wheat straw as an ultra-high-rate anode for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 9684-9690.	10.3	216