

# Yan Jing

## List of Publications by Year in descending order

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21  
papers

2,404  
citations

430874

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794594

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25  
docs citations

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times ranked

3039  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Stable, Low Redox Potential Quinone for Aqueous Flow Batteries**. Batteries and Supercaps, 2022, 5, .	4.7	22
2	Anthraquinone Flow Battery Reactants with Nonhydrolyzable Water-Solubilizing Chains Introduced via a Generic Cross-Coupling Method. ACS Energy Letters, 2022, 7, 226-235.	17.4	35
3	Low energy carbon capture via electrochemically induced pH swing with electrochemical rebalancing. Nature Communications, 2022, 13, 2140.	12.8	21
4	In situ electrochemical recombination of decomposed redox-active species in aqueous organic flow batteries. Nature Chemistry, 2022, 14, 1103-1109.	13.6	55
5	Effect of Molecular Structure of Quinones and Carbon Electrode Surfaces on the Interfacial Electron Transfer Process. ACS Applied Energy Materials, 2020, 3, 1933-1943.	5.1	38
6	<i>In situ</i> electro-synthesis of anthraquinone electrolytes in aqueous flow batteries. Green Chemistry, 2020, 22, 6084-6092.	9.0	29
7	Extremely Stable Anthraquinone Negolytes Synthesized from Common Precursors. Chem, 2020, 6, 1432-1442.	11.7	100
8	A Quinone Anode for Lithium-Ion Batteries in Mild Aqueous Electrolytes. ChemSusChem, 2020, 13, 2250-2255.	6.8	20
9	Near Neutral pH Redox Flow Battery with Low Permeability and Long-Lifetime Phosphonated Viologen Active Species. Advanced Energy Materials, 2020, 10, 2000100.	19.5	112
10	Symmetric All-Quinone Aqueous Battery. ACS Applied Energy Materials, 2019, 2, 4016-4021.	5.1	80
11	A Water-Miscible Quinone Flow Battery with High Volumetric Capacity and Energy Density. ACS Energy Letters, 2019, 4, 1342-1348.	17.4	154
12	A High Voltage Aqueous Zinc-Organic Hybrid Flow Battery. Advanced Energy Materials, 2019, 9, 1900694.	19.5	97
13	A Water-Miscible Quinone Flow Battery with High Volumetric and Energy Density. ECS Meeting Abstracts, 2019, , .	0.0	0
14	Symmetric All-Quinone Aqueous Battery. ECS Meeting Abstracts, 2019, , .	0.0	0
15	Cross-conjugated oligomeric quinones for high performance organic batteries. Nano Energy, 2017, 37, 46-52.	16.0	97
16	Universal quinone electrodes for long cycle life aqueous rechargeable batteries. Nature Materials, 2017, 16, 841-848.	27.5	615
17	An Aqueous Calcium Battery. Advanced Science, 2017, 4, 1700465.	11.2	254
18	Fast kinetics of magnesium monochloride cations in interlayer-expanded titanium disulfide for magnesium rechargeable batteries. Nature Communications, 2017, 8, 339.	12.8	304

#	ARTICLE	IF	CITATIONS
19	Chromate conversion coated aluminium as a light-weight and corrosion-resistant current collector for aqueous lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 395-399.	10.3	50
20	High-Rate $\text{LiTi}_2(\text{PO}_4)_3@N\text{-}C$ Composite via Bi-nitrogen Sources Doping. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 28337-28345.	8.0	77
21	Heavily n-Dopable $\pi$ -Conjugated Redox Polymers with Ultrafast Energy Storage Capability. <i>Journal of the American Chemical Society</i> , 2015, 137, 4956-4959.	13.7	242