Min Wu

List of Publications by Year
in descending order

26 papers	1,313 citations	471509 17 h-index	580821 25 g-index
26 all docs	26 docs citations	26 times ranked	1693 citing authors

#	Article	IF	Citations
1	Single controller design based on integrated trajectory for three-link vertical underactuated manipulators with first active joint. International Journal of Control, 2023, 96, 424-434.	1.9	2
2	A Control Strategy Based on Trajectory Planning and Optimization for Two-Link Underactuated Manipulators in Vertical Plane. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3466-3475.	9.3	14
3	Observerâ€based trajectory control for directional drilling process. Asian Journal of Control, 2022, 24, 259-272.	3.0	12
4	Equivalent-input-disturbance-based robust control of drilling trajectory with weight-on-bit uncertainty in directional drilling. ISA Transactions, 2022, 127, 370-382.	5.7	7
5	A unified and simple control strategy for a class of n-link vertical underactuated manipulator. ISA Transactions, 2022, 128, 198-207.	5.7	4
6	Highly Stable, Low Redox Potential Quinone for Aqueous Flow Batteries**. Batteries and Supercaps, 2022, 5, .	4.7	22
7	PSO-based nonlinear model predictive planning and discrete-time sliding tracking control for uncertain planar underactuated manipulators. International Journal of Systems Science, 2022, 53, 2075-2089.	5.5	7
8	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
9	Low energy carbon capture via electrochemically induced pH swing with electrochemical rebalancing. Nature Communications, 2022, 13, 2140.	12.8	21
10	In situ electrochemical recomposition of decomposed redox-active species in aqueous organic flow batteries. Nature Chemistry, 2022, 14, 1103-1109.	13.6	55
11	Development of Extremely Stable Anthraquinone Negolytes for Aqueous Flow Batteries. ECS Meeting Abstracts, 2021, MA2021-01, 213-213.	0.0	0
12	High-performance anthraquinone with potentially low cost for aqueous redox flow batteries. Journal of Materials Chemistry A, 2021, 9, 26709-26716.	10.3	36
13	In situelectrosynthesis of anthraquinone electrolytes in aqueous flow batteries. Green Chemistry, 2020, 22, 6084-6092.	9.0	29
14	pH swing cycle for CO₂capture electrochemically driven through proton-coupled electron transfer. Energy and Environmental Science, 2020, 13, 3706-3722.	30.8	73
15	Extremely Stable Anthraquinone Negolytes Synthesized from Common Precursors. CheM, 2020, 6, 1432-1442.	11.7	100
16	Unveiling the Interfacial Effects for Enhanced Hydrogen Evolution Reaction on MoS₂/WTe₂ Hybrid Structures. Small, 2019, 15, e1900078.	10.0	58
17	Highâ€Performance Sodium Metal Anodes Enabled by a Bifunctional Potassium Salt. Angewandte Chemie, 2018, 130, 9207-9210.	2.0	60
18	Highâ€Performance Sodium Metal Anodes Enabled by a Bifunctional Potassium Salt. Angewandte Chemie - International Edition, 2018, 57, 9069-9072.	13.8	144

#	Article	IF	Citations
19	High-capacity rechargeable batteries based on deeply cyclable lithium metal anodes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5676-5680.	7.1	209
20	Organotrisulfide: A High Capacity Cathode Material for Rechargeable Lithium Batteries. Angewandte Chemie - International Edition, 2016, 55, 10027-10031.	13.8	158
21	Organotrisulfide: A High Capacity Cathode Material for Rechargeable Lithium Batteries. Angewandte Chemie, 2016, 128, 10181-10185.	2.0	19
22	Highly Reversible Diphenyl Trisulfide Catholyte for Rechargeable Lithium Batteries. ACS Energy Letters, 2016, 1, 1221-1226.	17.4	82
23	A Graphite-Polysulfide Full Cell with DME-Based Electrolyte. Journal of the Electrochemical Society, 2016, 163, A1543-A1549.	2.9	22
24	A binder-free sulfur/carbon composite electrode prepared by a sulfur sublimation method for Liâ€“S batteries. RSC Advances, 2016, 6, 52642-52645.	3.6	10
25	Synergistic enhancement of nitrogen and sulfur co-doped graphene with carbon nanosphere insertion for the electrocatalytic oxygen reduction reaction. Journal of Materials Chemistry A, 2015, 3, 7727-7731.	10.3	61
26	Li₂S Nanocrystals Confined in Free-Standing Carbon Paper for High Performance Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2015, 7, 21479-21486.	8.0	73