Xuhui Yao

List of Publications by Year
in descending order

15 papers	1,142 citations	777949 13 h-index	1113639 15 g-index
15 all docs	15 docs citations	15 times ranked	2015 citing authors

#	Article	IF	Citations
1	Voltage plateau variation in a bismuth-potassium battery. Journal of Materials Chemistry A, 2022, 10, 2917-2923.	5.2	6
2	Highly Crystallized Prussian Blue with Enhanced Kinetics for Highly Efficient Sodium Storage. ACS Applied Materials & Interfaces, 2021, 13, 3999-4007.	4.0	98
3	Crystal defect modulation in cathode materials for non-lithium ion batteries: Progress and challenges. Materials Today, 2021, 45, 169-190.	8.3	53
4	Iron metal anode for aqueous rechargeable batteries. Materials Today Advances, 2021, 11, 100156.	2.5	18
5	Progress in electrolytes for beyond-lithium-ion batteries. Journal of Materials Science and Technology, 2020, 44, 237-257.	5.6	74
6	Ultra-fast and high-stable near-pseudocapacitance intercalation cathode for aqueous potassium-ion storage. Nano Energy, 2020, 77, 105069.	8.2	32
7	Polyol Solvation Effect on Tuning the Universal Growth of Binary Metal Oxide Nanodots@Graphene Oxide Heterostructures for Electrochemical Applications. Chemistry - A European Journal, 2019, 25, 14604-14612.	1.7	2
8	Aqueous Zn//Zn(CF3SO3)2//Na3V2(PO4)3 batteries with simultaneous Zn2+/Na+ intercalation/de-intercalation. Nano Energy, 2019, 58, 492-498.	8.2	161
9	Realizing Superior Prussian Blue Positive Electrode for Potassium Storage via Ultrathin Nanosheet Assembly. ACS Sustainable Chemistry and Engineering, 2019, 7, 11564-11570.	3.2	87
10	Hierarchical Mn₃O₄/Graphene Microflowers Fabricated via a Selective Dissolution Strategy for Alkali-Metal-Ion Storage. ACS Applied Materials & Interfaces, 2019, 11, 14120-14125.	4.0	26
11	Rational Design of Preintercalated Electrodes for Rechargeable Batteries. ACS Energy Letters, 2019, 4, 771-778.	8.8	77
12	Prussian White Hierarchical Nanotubes with Surfaceâ€Controlled Charge Storage for Sodiumâ€Ion Batteries. Advanced Functional Materials, 2019, 29, 1806405.	7.8	124
13	Defectâ€Rich Soft Carbon Porous Nanosheets for Fast and Highâ€Capacity Sodiumâ€Ion Storage. Advanced Energy Materials, 2019, 9, 1803260.	10.2	214
14	3.0 V High Energy Density Symmetric Sodium-Ion Battery: Na₄V₂(PO₄)₃â^¥Na₃V₂(PO₄)₃ ACS Applied Materials & Interfaces, 2018, 10, 10022-10028.	4.0	78
15	Cathodic polarization suppressed sodium-ion full cell with a 3.3 V high-voltage. Nano Energy, 2016, 28, 216-223.	8.2	97