Hanmei Tang

List of Publications by Year
in descending order

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19 papers	1,265 citations	759233 12 h-index	940533 16 g-index
20 all docs	20 docs citations	20 times ranked	2256 citing authors

#	Article	IF	Citations
1	Design Principles for Cationâ€Mixed Sodium Solid Electrolytes. Advanced Energy Materials, 2021, 11, 2003196.	19.5	13
2	A stable cathode-solid electrolyte composite for high-voltage, long-cycle-life solid-state sodium-ion batteries. Nature Communications, 2021, 12, 1256.	12.8	110
3	Structure and Dynamics in Mg²⁺-Stabilized Î³-Na₃PO₄. Journal of the American Chemical Society, 2021, 143, 17079-17089.	13.7	4
4	Predicting Thermal Quenching in Inorganic Phosphors. Chemistry of Materials, 2020, 32, 6256-6265.	6.7	64
5	Revealing Nanoscale Solidâ€“Solid Interfacial Phenomena for Long-Life and High-Energy All-Solid-State Batteries. ACS Applied Materials & Interfaces, 2019, 11, 43138-43145.	8.0	122
6	2DMatPedia, an open computational database of two-dimensional materials from top-down and bottom-up approaches. Scientific Data, 2019, 6, 86.	5.3	201
7	Array atomic force microscopy for real-time multiparametric analysis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5872-5877.	7.1	18
8	4.2V Cost Effective All-Solid-State Na Ion Batteries with a Na3PS4 Electrolyte Operating at Room Temperature. ECS Meeting Abstracts, 2019, , .	0.0	0
9	Probing Solid-Solid Interfacial Reactions in All-Solid-State Batteries. ECS Meeting Abstracts, 2019, , .	0.0	0
10	Understanding the Electrochemical Mechanisms Induced by Gradient Mg²⁺ Distribution of Na-Rich Na_{3+x}V_{2â€“x}Mg_x(PO₄)₃/C for Sodium Ion Batteries. Chemistry of Materials, 2018, 30, 2498-2505.	6.7	102
11	Understanding the Electrochemical Properties of Naphthalene Diimide: Implication for Stable and High-Rate Lithium-Ion Battery Electrodes. Chemistry of Materials, 2018, 30, 3508-3517.	6.7	84
12	Automated generation and ensemble-learned matching of X-ray absorption spectra. Npj Computational Materials, 2018, 4, .	8.7	82
13	Probing Solidâ€“Solid Interfacial Reactions in All-Solid-State Sodium-Ion Batteries with First-Principles Calculations. Chemistry of Materials, 2018, 30, 163-173.	6.7	150
14	Publisher's Note: Accurate force field for molybdenum by machine learning large materials data [Phys. Rev. Materials 1 , 043603 (2017)]. Physical Review Materials, 2018, 2, .	2.4	0
15	Atomate: A high-level interface to generate, execute, and analyze computational materials science workflows. Computational Materials Science, 2017, 139, 140-152.	3.0	223
16	Accurate force field for molybdenum by machine learning large materials data. Physical Review Materials, 2017, 1, .	2.4	82
17	Microstructure, Texture and Inhibitors of the As-Cast and Hot Rolled Grain-Oriented Silicon Steel by Strip Casting. Materials Science Forum, 2016, 852, 101-104.	0.3	1
18	Investigation and analysis of college's water system: the case of Northeastern University. Water Policy, 2015, 17, 1224-1235.	1.5	2

#	Article	IF	Citations
19	Contrastive Analysis between Wind Power Generation and Coal Generation on the Environmental Impact Assessment. Applied Mechanics and Materials, 2013, 316-317, 254-258.	0.2	0