# Hanmei Tang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8454454/publications.pdf

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|---|---|---|---|
| 19 papers | 1,265 citations | 758635 12 h-index | 940134 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. | 10.2 | 13 |
| 2 | A stable cathode-solid electrolyte composite for high-voltage, long-cycle-life solid-state sodium-ion batteries. Nature Communications, 2021, 12, 1256. | 5.8 | 110 |
| 3 | Structure and Dynamics in Mg<sup>2+</sup>-Stabilized Î³-Na<sub>3</sub>PO<sub>4</sub>. Journal of the American Chemical Society, 2021, 143, 17079-17089. | 6.6 | 4 |
| 4 | Predicting Thermal Quenching in Inorganic Phosphors. Chemistry of Materials, 2020, 32, 6256-6265. | 3.2 | 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. | 4.0 | 122 |
| 6 | 2DMatPedia, an open computational database of two-dimensional materials from top-down and bottom-up approaches. Scientific Data, 2019, 6, 86. | 2.4 | 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. | 3.3 | 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 Mg<sup>2+</sup> Distribution of Na-Rich Na<sub>3+x</sub>V<sub>2â€“x</sub>Mg<sub>x</sub>(PO<sub>4</sub>)<sub>3</sub>/C for Sodium Ion Batteries. Chemistry of Materials, 2018, 30, 2498-2505. | 3.2 | 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. | 3.2 | 84 |
| 12 | Automated generation and ensemble-learned matching of X-ray absorption spectra. Npj Computational Materials, 2018, 4, . | 3.5 | 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. | 3.2 | 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, . | 0.9 | 0 |
| 15 | Atomate: A high-level interface to generate, execute, and analyze computational materials science workflows. Computational Materials Science, 2017, 139, 140-152. | 1.4 | 223 |
| 16 | Accurate force field for molybdenum by machine learning large materials data. Physical Review Materials, 2017, 1, . | 0.9 | 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. | 0.7 | 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 |