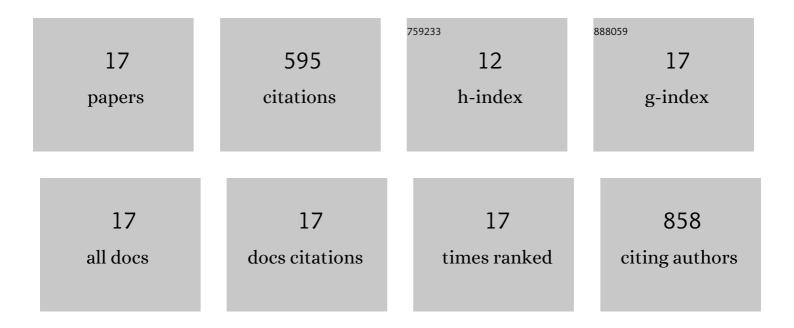
Zhiliang Liu

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A Peapodâ€like CoP@C Nanostructure from Phosphorization in a Lowâ€Temperature Molten Salt for Highâ€Performance Lithiumâ€lon Batteries. Angewandte Chemie - International Edition, 2018, 57, 10187-10191. | 13.8 | 87 |
| 2 | Silica-Derived Hydrophobic Colloidal Nano-Si for Lithium-Ion Batteries. ACS Nano, 2017, 11, 6065-6073. | 14.6 | 77 |
| 3 | Ultrafine Sn nanocrystals in a hierarchically porous N-doped carbon for lithium ion batteries. Nano Research, 2017, 10, 1950-1958. | 10.4 | 76 |
| 4 | Lowâ€Temperature Synthesis of Honeycomb CuP ₂ @C in Molten ZnCl ₂ Salt for Highâ€Performance Lithium Ion Batteries. Angewandte Chemie - International Edition, 2020, 59, 1975-1979. | 13.8 | 62 |
| 5 | Direct plasma phosphorization of Cu foam for Li ion batteries. Journal of Materials Chemistry A, 2020, 8, 16920-16925. | 10.3 | 44 |
| 6 | Ultrafine Sn4P3 nanocrystals from chloride reduction on mechanically activated Na surface for sodium/lithium ion batteries. Nano Research, 2020, 13, 3157-3164. | 10.4 | 39 |
| 7 | The cutting-edge phosphorus-rich metal phosphides for energy storage and conversion. Nano Today, 2021, 40, 101245. | 11.9 | 39 |
| 8 | A Peapodâ€like CoP@C Nanostructure from Phosphorization in a Lowâ€Temperature Molten Salt for Highâ€Performance Lithiumâ€lon Batteries. Angewandte Chemie, 2018, 130, 10344-10348. | 2.0 | 38 |
| 9 | Interfacial Covalent Bonding Endowing Ti ₃ C ₂ â€5b ₂ S ₃ Composites High Sodium Storage Performance. Small, 2022, 18, e2104293. | 10.0 | 30 |
| 10 | Lowâ€Temperature Synthesis of Honeycomb CuP ₂ @C in Molten ZnCl ₂ Salt for Highâ€Performance Lithium Ion Batteries. Angewandte Chemie, 2020, 132, 1991-1995. | 2.0 | 23 |
| 11 | Room temperature solvent-free reduction of SiCl4 to nano-Si for high-performance Li-ion batteries. Chemical Communications, 2017, 53, 6223-6226. | 4.1 | 20 |
| 12 | Combining catalysis and hydrogen storage in direct borohydride fuel cells: towards more efficient energy utilization. Journal of Materials Chemistry A, 2017, 5, 14310-14318. | 10.3 | 14 |
| 13 | An efficient and stable MnCo@NiS catalyst for oxygen evolution reaction constructed by a step-by-step electrodeposition way. Journal of Power Sources, 2021, 489, 229525. | 7.8 | 13 |
| 14 | Plasma modified BiOCl/sulfonated graphene microspheres as efficient photo-compensated electrocatalysts for the oxygen evolution reaction. Catalysis Science and Technology, 2020, 10, 4786-4793. | 4.1 | 12 |
| 15 | The design and synthesis of Fe doped flower-like NiS/NiS2 catalyst with enhanced oxygen evolution reaction. Journal of Electroanalytical Chemistry, 2022, 920, 116630. | 3.8 | 10 |
| 16 | A high capacity nanocrystalline Sn anode for lithium ion batteries from hydrogenation induced phase segregation of bulk YSn ₂ . Journal of Materials Chemistry A, 2018, 6, 21266-21273. | 10.3 | 8 |
| 17 | The emerging applications of metal phosphides in carbon dioxide reduction reaction. Functional Materials Letters, 2021, 14, . | 1.2 | 3 |