# Chun Yuen Kwok

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7663665/publications.pdf

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|---|---|---|---|
| 17<br>papers | 5,272<br>citations | 567281<br>15<br>h-index | 888059<br>17<br>g-index |
| 17<br>all docs | 17<br>docs citations | 17<br>times ranked | 6031<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | High areal capacity, long cycle life 4â€‰V ceramic all-solid-state Li-ion batteries enabled by chloride solid electrolytes. Nature Energy, 2022, 7, 83-93. | 39.5 | 249 |
| 2 | Highly reversible Zn anode with a practical areal capacity enabled by a sustainable electrolyte and superacid interfacial chemistry. Joule, 2022, 6, 1103-1120. | 24.0 | 131 |
| 3 | A High Capacity All Solidâ€State Liâ€Sulfur Battery Enabled by Conversionâ€Intercalation Hybrid Cathode Architecture. Advanced Functional Materials, 2021, 31, 2004239. | 14.9 | 45 |
| 4 | A new halospinel superionic conductor for high-voltage all solid state lithium batteries. Energy and Environmental Science, 2020, 13, 2056-2063. | 30.8 | 148 |
| 5 | Impact of the Mechanical Properties of a Functionalized Cross-Linked Binder on the Longevity of Liâ€“S Batteries. ACS Applied Materials & Interfaces, 2019, 11, 22481-22491. | 8.0 | 22 |
| 6 | Drug release kinetics of pHâ€responsive microgels of different glassâ€transition temperatures. Journal of Applied Polymer Science, 2019, 136, 47284. | 2.6 | 4 |
| 7 | Lightweight Metallic MgB2 Mediates Polysulfide Redox and Promises High-Energy-Density Lithium-Sulfur Batteries. Joule, 2019, 3, 136-148. | 24.0 | 256 |
| 8 | Tuning the electrolyte network structure to invoke quasi-solid state sulfur conversion and suppress lithium dendrite formation in Liâ€“S batteries. Nature Energy, 2018, 3, 783-791. | 39.5 | 421 |
| 9 | A high-energy-density lithium-oxygen battery based on a reversible four-electron conversion to lithium oxide. Science, 2018, 361, 777-781. | 12.6 | 356 |
| 10 | Interwoven MXene Nanosheet/Carbonâ€Nanotube Composites as Liâ€“S Cathode Hosts. Advanced Materials, 2017, 29, 1603040. | 21.0 | 606 |
| 11 | A Comprehensive Approach toward Stable Lithiumâ€“Sulfur Batteries with High Volumetric Energy Density. Advanced Energy Materials, 2017, 7, 1601630. | 19.5 | 277 |
| 12 | Tuning Transition Metal Oxideâ€“Sulfur Interactions for Long Life Lithium Sulfur Batteries: The â€œGoldilocksâ€•Principle. Advanced Energy Materials, 2016, 6, 1501636. | 19.5 | 623 |
| 13 | Lithiumâ€Sulfur Batteries: Tuning Transition Metal Oxideâ€“Sulfur Interactions for Long Life Lithium Sulfur Batteries: The â€œGoldilocksâ€•Principle (Adv. Energy Mater. 6/2016). Advanced Energy Materials, 2016, 6, . | 19.5 | 5 |
| 14 | Transport Properties of Polysulfide Species in Lithiumâ€“Sulfur Battery Electrolytes: Coupling of Experiment and Theory. ACS Central Science, 2016, 2, 560-568. | 11.3 | 71 |
| 15 | Advances in lithiumâ€“sulfur batteries based on multifunctional cathodes and electrolytes. Nature Energy, 2016, 1, . | 39.5 | 1,710 |
| 16 | Reviewâ€”The Importance of Chemical Interactions between Sulfur Host Materials and Lithium Polysulfides for Advanced Lithium-Sulfur Batteries. Journal of the Electrochemical Society, 2015, 162, A2567-A2576. | 2.9 | 294 |
| 17 | Asymmetric organocatalytic conjugate addition of dialkyl phosphites to N-unprotected isatylidene malononitriles: access to 3-phospho-2-oxindoles with chiral quaternary stereocenters. Tetrahedron, 2014, 70, 2406-2415. | 1.9 | 54 |