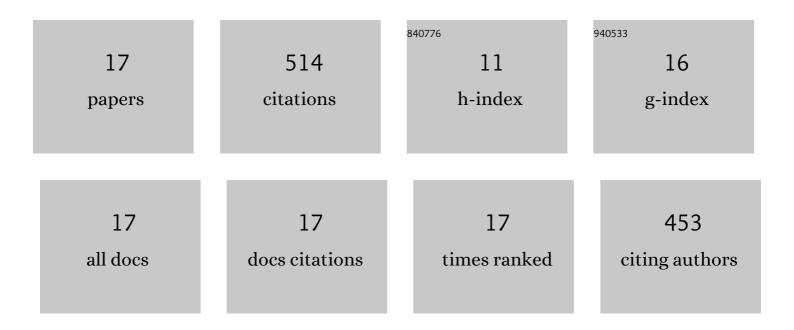


## List of Publications by Year in descending order

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| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Electrochemical performances and capacity fading behaviors of activated carbon/hard carbon lithium ion capacitor. Electrochimica Acta, 2017, 235, 158-166.   | 5.2  | 134       |
| 2  | A Superlattice-Stabilized Layered CuS Anode for High-Performance Aqueous Zinc-Ion Batteries. ACS<br>Nano, 2021, 15, 17748-17756.   | 14.6 | 62        |
| 3  | 2D Graphene/MnO Heterostructure with Strongly Stable Interface Enabling Highâ€Performance Flexible<br>Solidâ€State Lithiumâ€Ion Capacitors. Advanced Functional Materials, 2022, 32, .   | 14.9 | 50        |
| 4  | Simultaneous determination of dihydroxybenzene isomers based on graphene-graphene oxide<br>nanocomposite modified glassy carbon electrode. Sensors and Actuators B: Chemical, 2014, 193,<br>198-204.   | 7.8  | 43        |
| 5  | Realizing Superior Cycle Stability of a Niâ€Rich Layered<br>LiNi <sub>0.83</sub> Co <sub>0.12</sub> Mn <sub>0.05</sub> O <sub>2</sub> Cathode with a<br>B <sub>2</sub> O <sub>3</sub> Surface Modification. ChemElectroChem, 2020, 7, 998-1006.  | 3.4  | 38        |
| 6  | Regulating the Grain Orientation and Surface Structure of Primary Particles through Tungsten<br>Modification to Comprehensively Enhance the Performance of Nickel-Rich Cathode Materials. ACS<br>Applied Materials & Interfaces, 2020, 12, 47513-47525.  | 8.0  | 36        |
| 7  | Utilizing Diverse Functions of Zirconium to Enhance the Electrochemical Performance of Ni-Rich<br>Layered Cathode Materials. ACS Applied Energy Materials, 2020, 3, 11741-11751.   | 5.1  | 35        |
| 8  | Insight of reaction mechanism and anionic redox behavior for Li-rich and Mn-based oxide materials from local structure. Nano Energy, 2021, 83, 105812.   | 16.0 | 24        |
| 9  | Improvement of the high-rate capability of LiNi 1/3 Co 1/3 Mn 1/3 O 2 cathode by adding highly electroconductive and mesoporous graphene. Journal of Alloys and Compounds, 2018, 758, 206-213.   | 5.5  | 20        |
| 10 | Effects of charging protocols on the cycling performance for high-energy lithium-ion batteries using<br>a graphite-SiOx composite anode and Li-rich layered oxide cathode. Journal of Power Sources, 2021,<br>495, 229793.   | 7.8  | 16        |
| 11 | In situ observation of metal ion interactions with graphene oxide layers: From the growth of metal hydroxide to metal oxide formation. Carbon, 2021, 184, 721-727.   | 10.3 | 14        |
| 12 | Reinforcing the surface conductivity and stability of primary particles for high-performance Li-rich<br>layered<br>Li <sub>1.18</sub> Mn <sub>0.52</sub> Co <sub>0.15</sub> Ni <sub>0.15</sub> O <sub>2</sub> <i>via</i> an<br>integrated strategy. Inorganic Chemistry Frontiers, 2020, 7, 3154-3164. | 6.0  | 10        |
| 13 | Tuning surface conductivity and stability for high-performance Li- and Mn-rich cathode materials.<br>New Journal of Chemistry, 2019, 43, 18943-18950.  | 2.8  | 9         |
| 14 | Recent Advances on Surface Modification of Li- and Mn-Rich Cathode Materials. Acta Chimica Sinica, 2019, 77, 1115.   | 1.4  | 9         |
| 15 | Pre-lithiation optimized voltage ranges and MnO2/rGO negative electrodes with oxygen vacancies for enhanced performance of lithium-ion capacitors. Electrochimica Acta, 2022, 421, 140406.   | 5.2  | 9         |
| 16 | Enhanced Electrochemical Performance of Li―and Mnâ€Rich Cathode Materials by Particle Blending and Surface Coating. ChemistrySelect, 2020, 5, 3052-3061.   | 1.5  | 5         |
| 17 | New insight into effects of higher upper cutoff voltage on the cycling performance of graphiteâ€&iO<br><sub>x</sub> /Liâ€rich layered oxide pouchâ€type batteries. Energy Technology, 0, , .   | 3.8  | 0         |
|    |  |      |           |