A review of rechargeable batteries for portable electron

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Citation Report

#	Article	IF	Citations
1	Modulating the d-band center of boron doped single-atom sites to boost the oxygen reduction reaction. Journal of Materials Chemistry A, 2019, 7, 20952-20957.	5.2	117
2	Recent research progresses in etherâ€•and esterâ€based electrolytes for sodiumâ€ion batteries. InformaÄnÃ-MateriÃ¡ly, 2019, 1, 376-389.	8.5	183
3	Lithium Borate Containing Bifunctional Binder To Address Both Ion Transporting and Polysulfide Trapping for High-Performance Liâ€“S Batteries. ACS Applied Materials & Interfaces, 2019, 11, 28968-28977.	4.0	24
4	An Efficient Separator with Low Liâ€Ion Diffusion Energy Barrier Resolving Feeble Conductivity for Practical Lithiumâ€“Sulfur Batteries. Advanced Energy Materials, 2019, 9, 1901800.	10.2	61
5	Boosting Cell Performance of LiNi_{0.8}Co_{0.15}Al_{0.05}O₂ via Surface Structure Design. Small, 2019, 15, e1904854.	5.2	92
6	Design strategies toward catalytic materials and cathode structures for emerging Liâ€“CO₂ batteries. Journal of Materials Chemistry A, 2019, 7, 21605-21633.	5.2	75
7	Expediting redox kinetics of sulfur species by atomicâ€scale electrocatalysts in lithiumâ€“sulfur batteries. InformaÄnÃ-MateriÃ¡ly, 2019, 1, 533-541.	8.5	261
8	<scp>l</scp>-Cysteine-Modified Acacia Gum as a Multifunctional Binder for Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2019, 11, 47956-47962.	4.0	16
9	Lithiophilic montmorillonite serves as lithium ion reservoir to facilitate uniform lithium deposition. Nature Communications, 2019, 10, 4973.	5.8	144
10	Interface-engineered metallic 1T-MoS2 nanosheet array induced via palladium doping enabling catalysis enhancement for lithiumâ€“oxygen battery. Chemical Engineering Journal, 2020, 382, 122854.	6.6	52
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13	An inorganic-framework proton exchange membrane for direct methanol fuel cells with increased energy density. Sustainable Energy and Fuels, 2020, 4, 772-778.	2.5	14
14	Interface enhanced well-dispersed Co9S8 nanocrystals as an efficient polysulfide host in lithiumâ€“sulfur batteries. Journal of Energy Chemistry, 2020, 48, 109-115.	7.1	59
15	Multi-heteroatom-doped dual carbon-confined Fe3O4 nanospheres as high-capacity and long-life anode materials for lithium/sodium ion batteries. Journal of Colloid and Interface Science, 2020, 565, 494-502.	5.0	44
16	Electronic structure modulation of bifunctional oxygen catalysts for rechargeable Znâ€“air batteries. Journal of Materials Chemistry A, 2020, 8, 1229-1237.	5.2	26
17	Genetic engineering of porous sulfur species with molecular target prevents host passivation in lithium sulfur batteries. Energy Storage Materials, 2020, 26, 65-72.	9.5	31
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22	Graphene quantum dots as the nucleation sites and interfacial regulator to suppress lithium dendrites for high-loading lithium-sulfur battery. Nano Energy, 2020, 68, 104373.	8.2	95
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