Guruprakash Karkera

List of Publications by Year
in descending order

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15 papers	433 citations	840776 11 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	560 citing authors

#	Article	IF	Citations
1	Highâ€Entropy Sulfides as Electrode Materials for Liâ€Ion Batteries. Advanced Energy Materials, 2022, 12, .	19.5	57
2	Hierarchical Î±-MnO2 nanowires as an efficient anode material for rechargeable lithium-ion batteries. Materials Advances, 2022, 3, 1642-1651.	5.4	5
3	Highâ€Entropy Sulfides as Electrode Materials for Liâ€Ion Batteries (Adv. Energy Mater. 8/2022). Advanced Energy Materials, 2022, 12, .	19.5	1
4	Tungsten Oxytetrachloride as a Positive Electrode for Chlorideâ€Ion Batteries. Energy Technology, 2022, 10, .	3.8	3
5	Recent developments and future perspectives of anionic batteries. Journal of Power Sources, 2021, 481, 228877.	7.8	68
6	Facile Approach To Prepare Multiple Heteroatom-Doped Carbon Material from Bagasse and Its Applications toward Lithium-Ion and Lithiumâ€“Sulfur Batteries. Energy & Fuels, 2021, 35, 8286-8294.	5.1	28
7	Fluoride Perovskite (KNi_xCo_{1â€“x}F₃) Oxygen-Evolution Electrocatalyst with Highly Polarized Electronic Configuration. ACS Applied Energy Materials, 2021, 4, 13425-13430.	5.1	12
8	Electrochemical and compositional characterization of solid interphase layers in an interface-modified solid-state Liâ€“sulfur battery. Journal of Materials Chemistry A, 2020, 8, 16451-16462.	10.3	44
9	The influence of ruthenium substitution in LaCoO₃ towards bi-functional electrocatalytic activity for rechargeable Znâ€“air batteries. Journal of Materials Chemistry A, 2020, 8, 20612-20620.	10.3	32
10	Decoupling the Cumulative Contributions of Capacity Fade in Ethereal-Based Liâ€“O₂ Batteries. ACS Applied Materials & Interfaces, 2019, 11, 27870-27881.	8.0	15
11	Ultrasonochemically-induced MnCo₂O₄ nanospheres synergized with graphene sheet as a non-precious bi-functional cathode catalyst for rechargeable zincâ€“air battery. Nanoscale Advances, 2019, 1, 2392-2399.	4.6	17
12	An Inorganic Electrolyte Liâ€“O₂ Battery with High Rate and Improved Performance. ACS Applied Energy Materials, 2018, 1, 1381-1388.	5.1	23
13	Viable Synthesis of Porous MnCo₂O₄/Graphene Composite by Sonochemical Grafting: A Highâ€Rateâ€Capable Oxygen Cathode for Liâ€“O₂ Batteries. Chemistry - A European Journal, 2018, 24, 17303-17310.	3.3	16
14	Design and Development of Efficient Bifunctional Catalysts by Tuning the Electronic Properties of Cobaltâ€“Manganese Tungstate for Oxygen Reduction and Evolution Reactions. ChemCatChem, 2017, 9, 3681-3690.	3.7	43
15	TiO₂coated carbon nanotubes for electrochemical energy storage. Journal of Materials Chemistry A, 2014, 2, 1757-1766.	10.3	69