

Harish Banda

List of Publications by Year in descending order

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12
papers

1,069
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1664
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular understanding of charge storage and charging dynamics in supercapacitors with MOF electrodes and ionic liquid electrolytes. <i>Nature Materials</i> , 2020, 19, 552-558.	27.5	405
2	A polyimide based all-organic sodium ion battery. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10453-10458.	10.3	151
3	Twisted Perylene Diimides with Tunable Redox Properties for Organic Sodium-ion Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1701316.	19.5	101
4	High-Capacitance Pseudocapacitors from Li ⁺ Ion Intercalation in Nonporous, Electrically Conductive 2D Coordination Polymers. <i>Journal of the American Chemical Society</i> , 2021, 143, 2285-2292.	13.7	99
5	Sparsely Pillared Graphene Materials for High-Performance Supercapacitors: Improving Ion Transport and Storage Capacity. <i>ACS Nano</i> , 2019, 13, 1443-1453.	14.6	81
6	High capacity lithium-ion battery cathode using LiV ₃ O ₈ nanorods. <i>Electrochimica Acta</i> , 2013, 99, 242-252.	5.2	78
7	One-step synthesis of highly reduced graphene hydrogels for high power supercapacitor applications. <i>Journal of Power Sources</i> , 2017, 360, 538-547.	7.8	69
8	Ion Sieving Effects in Chemically Tuned Pillared Graphene Materials for Electrochemical Capacitors. <i>Chemistry of Materials</i> , 2018, 30, 3040-3047.	6.7	37
9	Investigation of ion transport in chemically tuned pillared graphene materials through electrochemical impedance analysis. <i>Electrochimica Acta</i> , 2019, 296, 882-890.	5.2	27
10	Dual-ion Intercalation and High Volumetric Capacitance in a Two-Dimensional Non-Porous Coordination Polymer. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 27119-27125.	13.8	17
11	Sodium-ion Batteries: Twisted Perylene Diimides with Tunable Redox Properties for Organic Sodium-ion Batteries (<i>Adv. Energy Mater.</i> 20/2017). <i>Advanced Energy Materials</i> , 2017, 7, .	19.5	2
12	Dual-ion Intercalation and High Volumetric Capacitance in a Two-Dimensional Non-Porous Coordination Polymer. <i>Angewandte Chemie</i> , 2021, 133, 27325-27331.	2.0	2