

Santanu Mukherjee

List of Publications by Year in descending order

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18
papers

542
citations

759233

12
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

795
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond Graphene Anode Materials for Emerging Metal Ion Batteries and Supercapacitors. Nano-Micro Letters, 2018, 10, 70.	27.0	95
2	Two-Dimensional Anode Materials for Non-lithium Metal-Ion Batteries. ACS Applied Energy Materials, 2019, 2, 932-955.	5.1	83
3	Electrode Materials for High-Performance Sodium-Ion Batteries. Materials, 2019, 12, 1952.	2.9	62
4	TMDs beyond MoS ₂ for Electrochemical Energy Storage. Chemistry - A European Journal, 2020, 26, 6320-6341.	3.3	52
5	Modeling and simulation of 2D lithium-ion solid state battery. International Journal of Energy Research, 2015, 39, 1505-1518.	4.5	41
6	Exfoliated transition metal dichalcogenide nanosheets for supercapacitor and sodium ion battery applications. Royal Society Open Science, 2019, 6, 190437.	2.4	37
7	A Review of the Application of CNTs in PEM Fuel Cells. International Journal of Green Energy, 2015, 12, 787-809.	3.8	36
8	Beyond flexible-Li-ion battery systems for soft electronics. Energy Storage Materials, 2021, 42, 773-785.	18.0	33
9	Polymeric Materials for Hemostatic Wound Healing. Pharmaceutics, 2021, 13, 2127.	4.5	29
10	Design, characterization, and application of elemental 2D materials for electrochemical energy storage, sensing, and catalysis. Materials Advances, 2020, 1, 2562-2591.	5.4	21
11	Additive Manufacturing of Electrochemical Energy Storage Systems Electrodes. Advanced Energy and Sustainability Research, 2021, 2, 2000111.	5.8	15
12	Assessing corrosion resistance of two-dimensional nanomaterial-based coatings on stainless steel substrates. Royal Society Open Science, 2020, 7, 200214.	2.4	13
13	Novel mesoporous microspheres of Al and Ni doped LMO spinels and their performance as cathodes in secondary lithium ion batteries. International Journal of Green Energy, 2017, 14, 656-664.	3.8	11
14	The effect of chemically preintercalated alkali ions on the structure of layered titanates and their electrochemistry in aqueous energy storage systems. Journal of Materials Chemistry A, 2020, 8, 18220-18231.	10.3	8
15	Growth and influence of a porous iron oxide nanolayer on LiMn ₂ O ₄ in an aqueous rechargeable lithium-ion battery. Energy Storage, 2020, 2, e143.	4.3	3
16	Free-standing bilayered vanadium oxide films synthesized by liquid exfoliation of chemically preintercalated δ -Li _x V ₂ O ₅ ·nH ₂ O. Materials Advances, 2021, 2, 2711-2718.	5.4	3
17	Frontispiece: TMDs beyond MoS ₂ for Electrochemical Energy Storage. Chemistry - A European Journal, 2020, 26, .	3.3	0
18	Graphene-based hybrid materials for advanced batteries. , 2020, , 73-95.		0