

Davi Soares

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

382
citations

759233
12
h-index

996975
15
g-index

16
all docs

16
docs citations

16
times ranked

430
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust, flexible, freestanding and high surface area activated carbon and multi-walled carbon nanotubes composite material with outstanding electrode properties for aqueous-based supercapacitors. Materials Advances, 2021, 2, 4264-4276.	5.4	18
2	Additive Manufacturing of Electrochemical Energy Storage Systems Electrodes. Advanced Energy and Sustainability Research, 2021, 2, 2000111.	5.8	15
3	Weyl semimetal orthorhombic Td-WTe ₂ as an electrode material for sodium- and potassium-ion batteries. Nanotechnology, 2021, 32, 505402.	2.6	12
4	Pseudocapacitive behaviour of iron oxides supported on carbon nanofibers as a composite electrode material for aqueous-based supercapacitors. Journal of Energy Storage, 2021, 42, 103052.	8.1	17
5	SiOC functionalization of MoS ₂ as a means to improve stability as sodium-ion battery anode. Nanotechnology, 2020, 31, 145403.	2.6	30
6	Frontispiece: TMDs beyond MoS ₂ for Electrochemical Energy Storage. Chemistry - A European Journal, 2020, 26, .	3.3	0
7	Design, characterization, and application of elemental 2D materials for electrochemical energy storage, sensing, and catalysis. Materials Advances, 2020, 1, 2562-2591.	5.4	21
8	TMDs beyond MoS ₂ for Electrochemical Energy Storage. Chemistry - A European Journal, 2020, 26, 6320-6341.	3.3	52
9	Superior electrochemical performance of layered WTe ₂ as potassium-ion battery electrode. Nanotechnology, 2020, 31, 455406.	2.6	20
10	Niobium pentoxide nanoparticles @ multi-walled carbon nanotubes and activated carbon composite material as electrodes for electrochemical capacitors. Energy Storage Materials, 2019, 22, 311-322.	18.0	34
11	Exfoliated transition metal dichalcogenide nanosheets for supercapacitor and sodium ion battery applications. Royal Society Open Science, 2019, 6, 190437.	2.4	37
12	Tungsten oxide and carbide composite synthesized by hot filament chemical deposition as electrodes in aqueous-based electrochemical capacitors. Journal of Energy Storage, 2019, 26, 100905.	8.1	9
13	Electrode Materials for High-Performance Sodium-Ion Batteries. Materials, 2019, 12, 1952.	2.9	62
14	Core-niobium pentoxide carbon-shell nanoparticles decorating multiwalled carbon nanotubes as electrode for electrochemical capacitors. Journal of Power Sources, 2019, 434, 226737.	7.8	23
15	Direct growth of mesoporous Carbon on aluminum foil for supercapacitors devices. Journal of Materials Science: Materials in Electronics, 2018, 29, 10573-10582.	2.2	20
16	Economic and CO ₂ avoided emissions analysis of WWTP biogas recovery and its use in a small power plant in Brazil. Sustainable Energy Technologies and Assessments, 2016, 17, 77-84.	2.7	12