

# Davi Soares

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

382  
citations

758635

12  
h-index

996533

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

430  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrode Materials for High-Performance Sodium-Ion Batteries. <i>Materials</i> , 2019, 12, 1952.	1.3	62
2	TMDs beyond MoS <sub>2</sub> for Electrochemical Energy Storage. <i>Chemistry - A European Journal</i> , 2020, 26, 6320-6341.	1.7	52
3	Exfoliated transition metal dichalcogenide nanosheets for supercapacitor and sodium ion battery applications. <i>Royal Society Open Science</i> , 2019, 6, 190437.	1.1	37
4	Niobium pentoxide nanoparticles @ multi-walled carbon nanotubes and activated carbon composite material as electrodes for electrochemical capacitors. <i>Energy Storage Materials</i> , 2019, 22, 311-322.	9.5	34
5	SiOC functionalization of MoS <sub>2</sub> as a means to improve stability as sodium-ion battery anode. <i>Nanotechnology</i> , 2020, 31, 145403.	1.3	30
6	Core-niobium pentoxide carbon-shell nanoparticles decorating multiwalled carbon nanotubes as electrode for electrochemical capacitors. <i>Journal of Power Sources</i> , 2019, 434, 226737.	4.0	23
7	Design, characterization, and application of elemental 2D materials for electrochemical energy storage, sensing, and catalysis. <i>Materials Advances</i> , 2020, 1, 2562-2591.	2.6	21
8	Direct growth of mesoporous Carbon on aluminum foil for supercapacitors devices. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 10573-10582.	1.1	20
9	Superior electrochemical performance of layered WTe <sub>2</sub> as potassium-ion battery electrode. <i>Nanotechnology</i> , 2020, 31, 455406.	1.3	20
10	Robust, flexible, freestanding and high surface area activated carbon and multi-walled carbon nanotubes composite material with outstanding electrode properties for aqueous-based supercapacitors. <i>Materials Advances</i> , 2021, 2, 4264-4276.	2.6	18
11	Pseudocapacitive behaviour of iron oxides supported on carbon nanofibers as a composite electrode material for aqueous-based supercapacitors. <i>Journal of Energy Storage</i> , 2021, 42, 103052.	3.9	17
12	Additive Manufacturing of Electrochemical Energy Storage Systems Electrodes. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2000111.	2.8	15
13	Economic and CO <sub>2</sub> avoided emissions analysis of WWTP biogas recovery and its use in a small power plant in Brazil. <i>Sustainable Energy Technologies and Assessments</i> , 2016, 17, 77-84.	1.7	12
14	Weyl semimetal orthorhombic Td-WTe <sub>2</sub> as an electrode material for sodium- and potassium-ion batteries. <i>Nanotechnology</i> , 2021, 32, 505402.	1.3	12
15	Tungsten oxide and carbide composite synthesized by hot filament chemical deposition as electrodes in aqueous-based electrochemical capacitors. <i>Journal of Energy Storage</i> , 2019, 26, 100905.	3.9	9
16	Frontispiece: TMDs beyond MoS <sub>2</sub> for Electrochemical Energy Storage. <i>Chemistry - A European Journal</i> , 2020, 26, .	1.7	0