

Ibrahim Mustafa

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

236
citations

8
h-index

15
g-index

15
ext. papers

297
ext. citations

5.4
avg, IF

3.45
L-index

#	Paper	IF	Citations
15	Smooth surface induced glossy appearance of freestanding multiwall carbon nanotube sheet. <i>Carbon Letters</i> , 2021 , 31, 689	2.3	0
14	Porous 3D graphene/multi-walled carbon nanotubes electrodes with improved mass transport and kinetics towards VO ₂ ⁺ /VO ₂ ⁺ redox couple. <i>Electrochimica Acta</i> , 2021 , 385, 138449	6.7	0
13	Enhanced Membrane Distillation Water Flux through Electromagnetism. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021 , 169, 108597	3.7	1
12	CNT@PVDF freestanding sheets for direct solar evaporation toward continuous desalination applications. <i>Journal of Materials Science</i> , 2020 , 55, 2860-2869	4.3	6
11	Activity of MWCNT sheets and effects of carbonaceous impurities toward the alkaline-based hydrogen evolution reaction. <i>Ionics</i> , 2019 , 25, 4285-4294	2.7	2
10	MWCNT/activated-carbon freestanding sheets: a different approach to fabricate flexible electrodes for supercapacitors. <i>Ionics</i> , 2019 , 25, 265-273	2.7	12
9	Effect of Pore Characteristics in Polyvinylidene Fluoride/Fumed Silica Membranes on Mass Flux in Solar-Assisted Evaporation Applications. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3186	2.6	4
8	Robust Surface-Engineered Tape-Cast and Extrusion Methods to Fabricate Electrically-Conductive Poly(vinylidene fluoride)/Carbon Nanotube Filaments for Corrosion-Resistant 3D Printing Applications. <i>Scientific Reports</i> , 2019 , 9, 9618	4.9	7
7	Brine management in desalination industry: From waste to resources generation. <i>Desalination</i> , 2019 , 472, 114187	10.3	68
6	Nanosopic and Macro-Porous Carbon Nano-foam Electrodes with Improved Mass Transport for Vanadium Redox Flow Batteries. <i>Scientific Reports</i> , 2019 , 9, 17655	4.9	10
5	Development of Surface-Engineered Tape-Casting Method for Fabricating Freestanding Carbon Nanotube Sheets Containing Fe ₂ O ₃ Nanoparticles for Flexible Batteries. <i>Advanced Engineering Materials</i> , 2018 , 20, 1701019	3.5	13
4	Effects of carbonaceous impurities on the electrochemical activity of multiwalled carbon nanotube electrodes for vanadium redox flow batteries. <i>Carbon</i> , 2018 , 131, 47-59	10.4	27
3	Fabrication of Freestanding Sheets of Multiwalled Carbon Nanotubes (Buckypapers) for Vanadium Redox Flow Batteries and Effects of Fabrication Variables on Electrochemical Performance. <i>Electrochimica Acta</i> , 2017 , 230, 222-235	6.7	46
2	A surface-engineered tape-casting fabrication technique toward the commercialisation of freestanding carbon nanotube sheets. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 19255-19266	13	29
1	Insights on the Electrochemical Activity of Porous Carbonaceous Electrodes in Non-Aqueous Vanadium Redox Flow Batteries. <i>Journal of the Electrochemical Society</i> , 2017 , 164, A3673-A3683	3.9	11