

# Ibrahim Mustafa

## List of Publications by Citations

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