

# Marwa HGouda

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

349  
citations

933264

10  
h-index

839398

18  
g-index

22  
all docs

22  
docs citations

22  
times ranked

271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable Microbial and Heavy Metal Reduction in Water Purification Systems Based on PVA/IC Nanofiber Membrane Doped with PANI/GO. <i>Polymers</i> , 2022, 14, 1558.	2.0	7
2	Polyvinyl Alcohol/Polyaniline/Carboxylated Graphene Oxide Nanocomposites for Coating Protection of Cast Iron in Simulated Seawater. <i>Polymers</i> , 2022, 14, 1791.	2.0	7
3	Novel Crosslinked Sulfonated PVA/PEO Doped with Phosphated Titanium Oxide Nanotubes as Effective Green Cation Exchange Membrane for Direct Borohydride Fuel Cells. <i>Polymers</i> , 2021, 13, 2050.	2.0	21
4	Development novel eco-friendly proton exchange membranes doped with nano sulfated zirconia for direct methanol fuel cells. <i>Journal of Polymer Research</i> , 2021, 28, 1.	1.2	15
5	Development of effectively costed and performant novel cation exchange ceramic nanocomposite membrane based sulfonated PVA for direct borohydride fuel cells. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 100, 212-219.	2.9	11
6	Organic-Inorganic Novel Green Cation Exchange Membranes for Direct Methanol Fuel Cells. <i>Energies</i> , 2021, 14, 4686.	1.6	10
7	A Highly Selective Novel Green Cation Exchange Membrane Doped with Ceramic Nanotubes Material for Direct Methanol Fuel Cells. <i>Energies</i> , 2021, 14, 5664.	1.6	4
8	Novel Sodium Alginate/Polyvinylpyrrolidone/TiO <sub>2</sub> Nanocomposite for Efficient Removal of Cationic Dye from Aqueous Solution. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9186.	1.3	11
9	Novel scaffold based graphene oxide doped electrospun iota carrageenan/polyvinyl alcohol for wound healing and pathogen reduction: in-vitro and in-vivo study. <i>Scientific Reports</i> , 2021, 11, 20456.	1.6	16
10	Design of Promising Green Cation-Exchange-Membranes-Based Sulfonated PVA and Doped with Nano Sulfated Zirconia for Direct Borohydride Fuel Cells. <i>Polymers</i> , 2021, 13, 4205.	2.0	12
11	Development of novel iota carrageenan-g-polyvinyl alcohol polyelectrolyte membranes for direct methanol fuel cell application. <i>Polymer Bulletin</i> , 2020, 77, 4895-4916.	1.7	21
12	Ciprofloxacin removal using magnetic fullerene nanocomposite obtained from sustainable PET bottle wastes: Adsorption process optimization, kinetics, isotherm, regeneration and recycling studies. <i>Chemosphere</i> , 2020, 239, 124728.	4.2	70
13	Synthesis and Characterization of Novel Green Hybrid Nanocomposites for Application as Proton Exchange Membranes in Direct Borohydride Fuel Cells. <i>Energies</i> , 2020, 13, 1180.	1.6	17
14	Green and Low-Cost Membrane Electrode Assembly for Proton Exchange Membrane Fuel Cells: Effect of Double-Layer Electrodes and Gas Diffusion Layer. <i>Frontiers in Materials</i> , 2020, 6, .	1.2	20
15	Effective Elimination of Contaminant Antibiotics Using High-Surface-Area Magnetic-Functionalized Graphene Nanocomposites Developed from Plastic Waste. <i>Materials</i> , 2020, 13, 1517.	1.3	22
16	Poly(vinyl alcohol)-based crosslinked ternary polymer blend doped with sulfonated graphene oxide as a sustainable composite membrane for direct borohydride fuel cells. <i>Journal of Power Sources</i> , 2019, 432, 92-101.	4.0	54
17	Effect of tween 20 as Plasticizer on cinnamyl chitosan membranes: Preparation, characterization and antimicrobial evaluation. <i>Egyptian Journal of Chemistry</i> , 2019, .	0.1	0
18	Removal of methylene blue by amidoxime polyacrylonitrile-grafted cotton fabrics: Kinetic, equilibrium, and simulation studies. <i>Fibers and Polymers</i> , 2016, 17, 1884-1897.	1.1	10

#	ARTICLE	IF	CITATIONS
19	Development of grafted cotton fabrics ions exchanger for dye removal applications: methylene blue model. <i>Desalination and Water Treatment</i> , 2016, 57, 22049-22060.	1.0	10
20	Novel Ternary Polymer Blend Membranes Doped with SO <sub>4</sub> /PO <sub>4</sub> -TiO <sub>2</sub> for Low Temperature Fuel Cells. , 0, , .		5
21	Removal of methylene blue dye from synthetic aqueous solutions using dimethylglyoxime modified amberlite IRA-420: kinetic, equilibrium and thermodynamic studies. , 0, 181, 399-411.		2
22	Ultra-fast removal of cadmium and lead from wastewater using high-efficient adsorbent derived from plastic waste: statistical modeling, kinetic and isotherm studies. , 0, 173, 394-408.		4