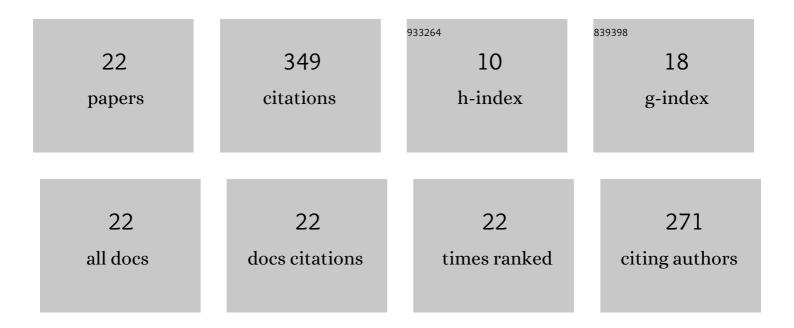
Marwa HGouda

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Ciprofloxacin removal using magnetic fullerene nanocomposite obtained from sustainable PET bottle wastes: Adsorption process optimization, kinetics, isotherm, regeneration and recycling studies. Chemosphere, 2020, 239, 124728.	4.2	70
2	Poly(vinyl alcohol)-based crosslinked ternary polymer blend doped with sulfonated graphene oxide as a sustainable composite membrane for direct borohydride fuel cells. Journal of Power Sources, 2019, 432, 92-101.	4.0	54
3	Effective Elimination of Contaminant Antibiotics Using High-Surface-Area Magnetic-Functionalized Graphene Nanocomposites Developed from Plastic Waste. Materials, 2020, 13, 1517.	1.3	22
4	Development of novel iota carrageenan-g-polyvinyl alcohol polyelectrolyte membranes for direct methanol fuel cell application. Polymer Bulletin, 2020, 77, 4895-4916.	1.7	21
5	Novel Crosslinked Sulfonated PVA/PEO Doped with Phosphated Titanium Oxide Nanotubes as Effective Green Cation Exchange Membrane for Direct Borohydride Fuel Cells. Polymers, 2021, 13, 2050.	2.0	21
6	Green and Low-Cost Membrane Electrode Assembly for Proton Exchange Membrane Fuel Cells: Effect of Double-Layer Electrodes and Gas Diffusion Layer. Frontiers in Materials, 2020, 6, .	1.2	20
7	Synthesis and Characterization of Novel Green Hybrid Nanocomposites for Application as Proton Exchange Membranes in Direct Borohydride Fuel Cells. Energies, 2020, 13, 1180.	1.6	17
8	Novel scaffold based graphene oxide doped electrospun iota carrageenan/polyvinyl alcohol for wound healing and pathogen reduction: in-vitro and in-vivo study. Scientific Reports, 2021, 11, 20456.	1.6	16
9	Development novel eco-friendly proton exchange membranes doped with nano sulfated zirconia for direct methanol fuel cells. Journal of Polymer Research, 2021, 28, 1.	1.2	15
10	Design of Promising Green Cation-Exchange-Membranes-Based Sulfonated PVA and Doped with Nano Sulfated Zirconia for Direct Borohydride Fuel Cells. Polymers, 2021, 13, 4205.	2.0	12
11	Development of effectively costed and performant novel cation exchange ceramic nanocomposite membrane based sulfonated PVA for direct borohydride fuel cells. Journal of Industrial and Engineering Chemistry, 2021, 100, 212-219.	2.9	11
12	Novel Sodium Alginate/Polyvinylpyrrolidone/TiO2 Nanocomposite for Efficient Removal of Cationic Dye from Aqueous Solution. Applied Sciences (Switzerland), 2021, 11, 9186.	1.3	11
13	Removal of methylene blue by amidoxime polyacrylonitrile-grafted cotton fabrics: Kinetic, equilibrium, and simulation studies. Fibers and Polymers, 2016, 17, 1884-1897.	1.1	10
14	Development of grafted cotton fabrics ions exchanger for dye removal applications: methylene blue model. Desalination and Water Treatment, 2016, 57, 22049-22060.	1.0	10
15	Organic-Inorganic Novel Green Cation Exchange Membranes for Direct Methanol Fuel Cells. Energies, 2021, 14, 4686.	1.6	10
16	Sustainable Microbial and Heavy Metal Reduction in Water Purification Systems Based on PVA/IC Nanofiber Membrane Doped with PANI/GO. Polymers, 2022, 14, 1558.	2.0	7
17	Polyvinyl Alcohol/Polyaniline/Carboxylated Graphene Oxide Nanocomposites for Coating Protection of Cast Iron in Simulated Seawater. Polymers, 2022, 14, 1791.	2.0	7
18	Novel Ternary Polymer BlendMembranesDopedwith SO4/PO4-TiO2for Low Temperature Fuel Cells. , 0, , .		5

#	Article	IF	CITATIONS
19	A Highly Selective Novel Green Cation Exchange Membrane Doped with Ceramic Nanotubes Material for Direct Methanol Fuel Cells. Energies, 2021, 14, 5664.	1.6	4
20	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
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	Effect of tween 20 as Plasticizer on cinnamyl chitosan membranes: Preparation, characterization and antimicrobial evaluation. Egyptian Journal of Chemistry, 2019, .	0.1	0