Ahmed F Ghanem

List of Publications by Year
in descending order

14	378	840776 11	1058476 14
papers	citations	h-index	g-index

14	14	14	536
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Green synthesis of cellulose nanofibers using immobilized cellulase. Carbohydrate Polymers, 2019, 205, 255-260.	10.2	67
2	Hydrogel surface modification of reverse osmosis membranes. Journal of Membrane Science, 2015, 476, 264-276.	8.2	63
3	Hydrophobically modified graphene oxide as a barrier and antibacterial agent for polystyrene packaging. Journal of Materials Science, 2020, 55, 4685-4700.	3.7	38
4	Functionalized Îº-carrageenan/hyperbranched poly(amidoamine)for protease immobilization: Thermodynamics and stability studies. International Journal of Biological Macromolecules, 2020, 148, 1140-1155.	7.5	33
5	Photocatalytic activity of hyperbranched polyester/TiO2 nanocomposites. Applied Catalysis A: General, 2014, 472, 191-197.	4.3	31
6	Synergistic effect of zinc oxide nanorods on the photocatalytic performance and the biological activity of graphene nano sheets. Heliyon, 2020, 6, e03283.	3.2	31
7	Assisted Tip Sonication Approach for Graphene Synthesis in Aqueous Dispersion. Biomedicines, 2018, 6, 63.	3.2	30
8	Using of titanate nanowires in removal of lead ions from waste water and its biological activity. Inorganic Chemistry Communication, 2019, 108, 107508.	3.9	17
9	Utilization and characterization of cellulose nanocrystals decorated with silver and zinc oxide nanoparticles for removal of lead ion from wastewater. Environmental Nanotechnology, Monitoring and Management, 2021, 16, 100501.	2.9	14
10	Polystyrene/hydrophobic TiO2 nanobelts as a novel packaging material. Polymer Bulletin, 2015, 72, 2353-2362.	3.3	13
11	Investigation of water sorption, gas barrier and antimicrobial properties of polycaprolactone films contain modified graphene. Journal of Materials Science, 2021, 56, 497-512.	3.7	13
12	Hyperbranched polyester and its sodium titanate nanocomposites as proton exchange membranes for fuel cells. RSC Advances, 2016, 6, 32245-32257.	3.6	11
13	User-friendly lab-on-paper optical sensor for the rapid detection of bacterial spoilage in packaged meat products. RSC Advances, 2021, 11, 35165-35173.	3.6	10
14	Antifouling and antimicrobial polyethersulfone/hyperbranched polyester-amide/Ag composite. RSC Advances, 2020, 10, 24169-24175.	3.6	7