

# Ahmed F Ghanem

## List of Publications by Year in descending order

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14  
papers

378  
citations

840776

11  
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1058476

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docs citations

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times ranked

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citing authors

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