

Ahmed M Khalil

List of Publications by Year in descending order

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43
papers

846
citations

471509

17
h-index

552781

26
g-index

49
all docs

49
docs citations

49
times ranked

836
citing authors

#	ARTICLE	IF	CITATIONS
1	Citric-Acid-Assisted Preparation of Biochar Loaded with Copper/Nickel Bimetallic Nanoparticles for Dye Degradation. <i>Colloids and Interfaces</i> , 2022, 6, 18.	2.1	12
2	Electrical conductivity and thermal stability of surface-modified multiwalled carbon nanotubes/polysulfone/poly(<i>p</i> -phenylenediamine) composites. <i>Journal of Polymer Engineering</i> , 2022, .	1.4	2
3	Facile diazonium modification of pomegranate peel biochar: a stupendous derived relationship between thermal and Raman analyses. <i>Carbon Letters</i> , 2022, 32, 1519-1529.	5.9	5
4	Promising features for poly(vinyl chloride) enriched with <i>Moringa oleifera</i> : Photostability, rheological, mechanical, thermal and antibacterial properties. <i>Journal of Vinyl and Additive Technology</i> , 2021, 27, 28-35.	3.4	5
5	Mechanical, thermal and antibacterial performances of acrylonitrile butadiene rubber/polyvinyl chloride loaded with <i>Moringa oleifera</i> leaves powder. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 143, 2973-2981.	3.6	8
6	Outstanding Graphene Quantum Dots from Carbon Source for Biomedical and Corrosion Inhibition Applications: A Review. <i>Sustainability</i> , 2021, 13, 2127.	3.2	63
7	Towards Clean and Safe Water: A Review on the Emerging Role of Imprinted Polymer-Based Electrochemical Sensors. <i>Sensors</i> , 2021, 21, 4300.	3.8	19
8	Copper/Nickel-Decorated Olive Pit Biochar: One Pot Solid State Synthesis for Environmental Remediation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8513.	2.5	15
9	Tuning the compositional configuration of hydroxyapatite modified with vanadium ions including thermal stability and antibacterial properties. <i>Journal of Molecular Structure</i> , 2021, 1242, 130713.	3.6	16
10	Antibacterial properties of carboxymethyl chitosan Schiff-base nanocomposites loaded with silver nanoparticles. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2020, 57, 145-155.	2.2	41
11	Ultrasonic effect on the photocatalytic degradation of Rhodamine 6G (Rh6G) dye by cotton fabrics loaded with TiO ₂ . <i>Cellulose</i> , 2020, 27, 1085-1097.	4.9	30
12	Mixed oxide-polyaniline composite-coated woven cotton fabrics for the visible light catalyzed degradation of hazardous organic pollutants. <i>Cellulose</i> , 2020, 27, 7823-7846.	4.9	18
13	Polysulfone nanofiltration membranes enriched with functionalized graphene oxide for dye removal from wastewater. <i>Journal of Polymer Engineering</i> , 2020, 40, 833-841.	1.4	42
14	Hybrid Membranes Based on Clay-Polymer for Removing Methylene Blue from Water. <i>Acta Chimica Slovenica</i> , 2020, 67, 96-104.	0.6	21
15	Interpenetrating polymeric hydrogels as favorable materials for hygienic applications. <i>Biointerface Research in Applied Chemistry</i> , 2020, 10, 5011-5020.	1.0	11
16	Advanced ceramics and relevant polymers for environmental and biomedical applications. <i>Biointerface Research in Applied Chemistry</i> , 2020, 10, 5747-5754.	1.0	9
17	Betainin: a promising molecule for biomedical applications. <i>Biointerface Research in Applied Chemistry</i> , 2020, 10, 5392-5399.	1.0	2
18	Acrylate-modified gamma-irradiated olive stones waste as a filler for acrylonitrile butadiene rubber/devulcanized rubber composites. <i>Journal of Polymer Research</i> , 2019, 26, 1.	2.4	12

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19	Polymeric membranes based on cellulose acetate loaded with candle soot nanoparticles for water desalination. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2019, 56, 153-161.	2.2	38
20	Thiazole derivatives- ϵ -functionalized polyvinyl chloride nanocomposites with photostability and antimicrobial properties. <i>Journal of Vinyl and Additive Technology</i> , 2019, 25, E137.	3.4	15
21	Porous polymeric monoliths: design and preparation towards environmental applications. <i>Biointerface Research in Applied Chemistry</i> , 2019, 9, 4027-4036.	1.0	3
22	Thermoplastic elastomers based on waste rubber and expanded polystyrene: Role of devulcanization and ionizing radiation. <i>International Journal of Polymer Analysis and Characterization</i> , 2018, 23, 58-69.	1.9	13
23	Efficient removal of cadmium and lead ions from water by hydrogels modified with cystine. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 3962-3970.	6.7	27
24	Antimicrobial behavior and photostability of polyvinyl chloride/1- ϵ -vinylimidazole nanocomposites loaded with silver or copper nanoparticles. <i>Journal of Vinyl and Additive Technology</i> , 2017, 23, E25.	3.4	16
25	Novel nanofibrillated cellulose/polyvinylpyrrolidone/silver nanoparticles films with electrical conductivity properties. <i>Carbohydrate Polymers</i> , 2017, 157, 503-511.	10.2	67
26	Surface Analysis of Clay- ϵ -Polymer Nanocomposites. , 2017, , 363-411.		4
27	Synthesis, Characterization, and Evaluation of Antimicrobial Activities of Chitosan and Carboxymethyl Chitosan Schiff-Base/Silver Nanoparticles. <i>Journal of Chemistry</i> , 2017, 2017, 1-11.	1.9	39
28	Antimicrobial activity of PVC-pyrazolone-silver nanocomposites. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2016, 53, 346-353.	2.2	29
29	Itaconamide derivatives as organic stabilizers for poly(vinyl chloride) against photodegradation. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2016, 53, 96-103.	2.2	7
30	Monoliths bearing hydrophilic surfaces for <i>in vitro</i> biomedical samples analysis. <i>Surface Innovations</i> , 2015, 3, 84-102.	2.3	12
31	Gold-decorated polymeric monoliths: In-situ vs ex-situ immobilization strategies and flow through catalytic applications towards nitrophenols reduction. <i>Polymer</i> , 2015, 77, 218-226.	3.8	47
32	Systematic organophilization of montmorillonite: The impact thereof on the rheometric and mechanical characteristics of NBR and SBR based nanocomposites. <i>Polymer Engineering and Science</i> , 2014, 54, 942-948.	3.1	17
33	Compatibilization of NBR/SBR blends using amphiphilic montmorillonites. <i>Journal of Elastomers and Plastics</i> , 2014, 46, 514-526.	1.5	20
34	Methyl methacrylate/2-hydroxyethyl methacrylate/N-hydroxyphenyl maleimide terpolymer as novel photostabilizer for rigid poly(vinyl chloride). <i>Polymer Bulletin</i> , 2013, 70, 1959-1976.	3.3	5
35	Antimicrobial agents as photostabilizers for rigid poly(vinyl chloride). <i>Polymers for Advanced Technologies</i> , 2012, 23, 1394-1402.	3.2	16
36	Effect of short polyethylene terephthalate fibers on properties of ethylene-propylene diene rubber composites. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	19

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37	Gamma irradiation of treated waste rubber powder and its composites with waste polyethylene. Journal of Vinyl and Additive Technology, 2011, 17, 58-63.	3.4	21
38	Efficient preparation of polymer-based hollow spheres for the photocatalytic degradation of methylene blue. Journal of Vinyl and Additive Technology, 2010, 16, 272-276.	3.4	4
39	Effect of different coagents on physicochemical properties of electron beam cured NBR/HDPE composites reinforced with HAF carbon black. Polymer Composites, 2008, 29, 1321-1327.	4.6	15
40	Effect of gamma irradiation on ethylene propylene diene terpolymer rubber composites. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 111-116.	1.4	34
41	Effect of Gamma and UV Radiation on Properties of EPDM/GTR/HDPE Blends. Polymer-Plastics Technology and Engineering, 2008, 47, 567-575.	1.9	17
42	Diamide derivatives as photostabilizers for plasticized poly(vinyl chloride). Journal of Vinyl and Additive Technology, 2008, 14, 191-196.	3.4	17
43	Polishing of secondary treated wastewater using nano-ceramic hybrid PET waste plastic sheets. , 0, 217, 214-220.		2