

# Riham R Mohamed

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,587  
citations

279701

23  
h-index

302012

39  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1697  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and antimicrobial activity of poly (N-vinyl imidazole) grafted carboxymethyl chitosan. <i>Carbohydrate Polymers</i> , 2010, 79, 998-1005.	5.1	135
2	Synthesis and Characterization of Carboxymethyl Chitosan Nanogels for Swelling Studies and Antimicrobial Activity. <i>Molecules</i> , 2013, 18, 190-203.	1.7	101
3	Crystal violet dye removal using crosslinked grafted xanthan gum. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 1086-1101.	3.6	80
4	Synthesis and characterization of some novel antimicrobial thiosemicarbazone O-carboxymethyl chitosan derivatives. <i>International Journal of Biological Macromolecules</i> , 2014, 63, 163-169.	3.6	75
5	Synthesis, characterization and applications of N- quaternized chitosan/poly(vinyl alcohol) hydrogels. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 149-161.	3.6	69
6	Synthesis of an efficient adsorbent hydrogel based on biodegradable polymers for removing crystal violet dye from aqueous solution. <i>Cellulose</i> , 2018, 25, 6513-6529.	2.4	68
7	Synthesis, characterization and application of biodegradable crosslinked carboxymethyl chitosan/poly(vinyl alcohol) clay nanocomposites. <i>Materials Science and Engineering C</i> , 2015, 56, 363-373.	3.8	63
8	Cytotoxicity and metal ions removal using antibacterial biodegradable hydrogels based on N -quaternized chitosan/poly(acrylic acid). <i>International Journal of Biological Macromolecules</i> , 2017, 98, 302-313.	3.6	63
9	Organic thermal stabilizers for rigid poly(vinyl chloride) VIII. Phenylurea and phenylthiourea derivatives. <i>Polymer Degradation and Stability</i> , 2003, 81, 37-45.	2.7	60
10	Vanillinâ€™Schiffâ€™s bases as organic thermal stabilizers and co-stabilizers for rigid poly(vinyl chloride). <i>European Polymer Journal</i> , 2009, 45, 3072-3080.	2.6	59
11	Encapsulation of bovine serum albumin within novel xanthan gum based hydrogel for protein delivery. <i>Materials Science and Engineering C</i> , 2019, 94, 1044-1055.	3.8	58
12	Antraquinone derivatives as organic stabilizers for rigid poly(vinyl chloride) against photo-degradation. <i>European Polymer Journal</i> , 2005, 41, 2530-2543.	2.6	57
13	Synthesis and characterization of antimicrobial crosslinked carboxymethyl chitosan nanoparticles loaded with silver. <i>International Journal of Biological Macromolecules</i> , 2014, 69, 95-99.	3.6	57
14	N-phenyl-3-substituted 5-pyrazolone derivatives as organic stabilizers for rigid poly(vinyl chloride) against photodegradation. <i>Journal of Applied Polymer Science</i> , 2006, 101, 1543-1555.	1.3	54
15	Green synthesis of quaternized chitosan/silver nanocomposites for targeting mycobacterium tuberculosis and lung carcinoma cells (A-549). <i>International Journal of Biological Macromolecules</i> , 2020, 142, 244-253.	3.6	54
16	Synthesis of novel biodegradable antibacterial grafted xanthan gum. <i>Carbohydrate Polymers</i> , 2017, 173, 305-311.	5.1	48
17	Synthesis of novel grafted hyaluronic acid with antitumor activity. <i>Carbohydrate Polymers</i> , 2018, 189, 107-114.	5.1	45
18	Organic thermal stabilizers for rigid poly(vinyl chloride). Part XIII: Eugenol (4-allyl-2-methoxy-phenol). <i>Polymer Degradation and Stability</i> , 2007, 92, 587-595.	2.7	40

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19	Crosslinked poly(vinyl alcohol)/carboxymethyl chitosan hydrogels for removal of metal ions and dyestuff from aqueous solutions. <i>Journal of Applied Polymer Science</i> , 2012, 123, 3459-3469.	1.3	36
20	Synthesis and characterization of antibacterial semi-interpenetrating carboxymethyl chitosan/poly (acrylonitrile) hydrogels. <i>Cellulose</i> , 2012, 19, 947-958.	2.4	33
21	Organic thermal stabilizers for rigid poly(vinyl chloride). Part XII: N-phenyl-3-substituted-5-pyrazolone derivatives. <i>Polymer Degradation and Stability</i> , 2006, 91, 911-923.	2.7	29
22	Organic thermal stabilizers for rigid poly(vinyl chloride). Part XI: Anthraquinone derivatives. <i>Polymer Degradation and Stability</i> , 2006, 91, 242-254.	2.7	28
23	Novel Antimicrobial Organic Thermal Stabilizer and Co-Stabilizer for Rigid PVC. <i>Molecules</i> , 2012, 17, 7927-7940.	1.7	27
24	Green synthesis of antimicrobial and antitumor N,N,N-trimethyl chitosan chloride/poly (acrylic) Tj ETQqO O O rgBT /Qverlock 10 Tf 50 542	3.6	26
25	Antimicrobial pH-sensitive protein carrier based on modified xanthan gum. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101673.	1.4	26
26	Novel antimicrobial and antitumor organic thermal stabilizers for rigid Poly (vinyl chloride). <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 109, 1503-1513.	2.0	22
27	Synthesis of xanthan gum/trimethyl chitosan interpolyelectrolyte complex as pH-sensitive protein carrier. <i>Polymer Bulletin</i> , 2022, 79, 2501-2522.	1.7	22
28	Sulfamethazine copper (<sc>ii</sc>) complexes as antimicrobial thermal stabilizers and co-stabilizers for rigid PVC: spectroscopic, thermal, and DFT studies. <i>RSC Advances</i> , 2015, 5, 5415-5423.	1.7	20
29	One-pot green synthesis of antimicrobial chitosan derivative nanocomposites to control foodborne pathogens. <i>RSC Advances</i> , 2021, 12, 1095-1104.	1.7	20
30	Synthesis, characterization and application of enrofloxacin complexes as thermal stabilizers for rigid poly(vinyl chloride). <i>Dalton Transactions</i> , 2012, 41, 1824-1831.	1.6	17
31	Synthesis, Characterization and Application of Biodegradable Crosslinked Carboxymethyl Chitosan/Poly(Ethylene Glycol) Clay Nanocomposites. <i>Journal of Polymers and the Environment</i> , 2017, 25, 667-682.	2.4	16
32	Synthesis, characterization, and thermal investigation of some transition metal complexes of benzopyran-4-one Schiff base as thermal stabilizers for rigid poly(vinyl chloride) (PVC). <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 114, 603-611.	2.0	12
33	<i>N</i>-acryloyl benzhydrazide as a thermal stabilizer for rigid poly(vinyl chloride). <i>Journal of Vinyl and Additive Technology</i> , 2008, 14, 184-190.	1.8	11
34	Chemically induced graft copolymerization of 4-vinyl pyridine onto carboxymethyl chitosan. <i>Polymer Bulletin</i> , 2011, 67, 693-707.	1.7	11
35	Synthesis and Characterization of Cross-inked Polyethylene Glycol/Carboxymethyl Chitosan Hydrogels. <i>Advances in Polymer Technology</i> , 2015, 34, .	0.8	11
36	Polyacrylamide hybrid nanocomposites hydrogels for efficient water treatment. <i>Iranian Polymer Journal (English Edition)</i> , 2020, 29, 455-466.	1.3	10

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37	Innovation of high-performance adsorbent based on modified gelatin for wastewater treatment. Polymer Bulletin, 2022, 79, 11217-11233.	1.7	10
38	Phenyl urea derivatives as organic stabilizers for rigid poly(vinyl chloride) against photo-degradation. Journal of Applied Polymer Science, 2007, 103, 2217-2226.	1.3	7
39	Performance evaluation of modified fabricated cotton membrane for oil/water separation and heavy metal ions removal. Journal of Vinyl and Additive Technology, 2021, 27, 933-945.	1.8	7
40	Performance evaluation of polyaniline modified phosphorylated cotton as promising adsorbent for Pb (II) ions removal. Journal of Vinyl and Additive Technology, 0, , .	1.8	0