

Nadia A Mohamed

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,019
citations

430442

18
h-index

433756

31
g-index

35
all docs

35
docs citations

35
times ranked

967
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 some novel antimicrobial thiosemicarbazone O-carboxymethyl chitosan derivatives. <i>International Journal of Biological Macromolecules</i> , 2014, 63, 163-169.	3.6	75
3	Quaternized N-substituted carboxymethyl chitosan derivatives as antimicrobial agents. <i>International Journal of Biological Macromolecules</i> , 2013, 60, 156-164.	3.6	68
4	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
5	Preparation and antimicrobial activity of some carboxymethyl chitosan acyl thiourea derivatives. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 1280-1285.	3.6	57
6	Kinetics, Isotherm and Thermodynamic Studies for Efficient Adsorption of Congo Red Dye from Aqueous Solution onto Novel Cyanoguanidine-Modified Chitosan Adsorbent. <i>Polymers</i> , 2021, 13, 4446.	2.0	51
7	Designing, preparation and evaluation of the antimicrobial activity of biomaterials based on chitosan modified with silver nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2020, 151, 92-103.	3.6	47
8	Synthesis and antimicrobial activity of some novel terephthaloyl thiourea cross-linked carboxymethyl chitosan hydrogels. <i>Cellulose</i> , 2012, 19, 1879-1891.	2.4	42
9	Novel aminohydrazide cross-linked chitosan filled with multi-walled carbon nanotubes as antimicrobial agents. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 651-662.	3.6	41
10	N-Substituted maleimides as thermal stabilizers for plasticized poly(vinyl chloride). <i>Polymer Degradation and Stability</i> , 1990, 27, 319-336.	2.7	35
11	Synthesis and characterization of novel trimellitic anhydride isothiocyanate-cross linked chitosan hydrogels modified with multi-walled carbon nanotubes for enhancement of antimicrobial activity. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 416-428.	3.6	33
12	Novel antimicrobial superporous cross-linked chitosan/pyromellitimide benzoyl thiourea hydrogels. <i>International Journal of Biological Macromolecules</i> , 2016, 82, 589-598.	3.6	32
13	Synthesis, characterization and antimicrobial activity of novel aminosalicylhydrazide cross linked chitosan modified with multi-walled carbon nanotubes. <i>Cellulose</i> , 2019, 26, 1141-1156.	2.4	29
14	N-acryloyl,N-ε-cyanoacetohydrazide as a thermal stabilizer for rigid poly(vinyl chloride). <i>Polymer International</i> , 1998, 45, 147-156.	1.6	27
15	Novel Antimicrobial Organic Thermal Stabilizer and Co-Stabilizer for Rigid PVC. <i>Molecules</i> , 2012, 17, 7927-7940.	1.7	27
16	Synthesis, characterization, anti-inflammatory and anti-Helicobacter pylori activities of novel benzophenone tetracarboxylimide benzoyl thiourea cross-linked chitosan hydrogels. <i>International Journal of Biological Macromolecules</i> , 2021, 181, 956-965.	3.6	22
17	Synthesis, Characterization, and Antimicrobial Activity of Carboxymethyl Chitosan-Graft-Poly(N-acryloyl,N-ε-cyanoacetohydrazide) Copolymers. <i>Journal of Carbohydrate Chemistry</i> , 2012, 31, 220-240.	0.4	21
18	Enhancement of adsorption of Congo red dye onto novel antimicrobial trimellitic anhydride isothiocyanate-cross-linked chitosan hydrogels. <i>Polymer Bulletin</i> , 2020, 77, 6135-6160.	1.7	20

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19	Evaluation of the antimicrobial and anti-biofilm activity of novel salicylhydrazido chitosan derivatives impregnated with titanium dioxide nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2022, 205, 719-730.	3.6	18
20	Cross-Linked Chitosan/Multi-Walled Carbon Nanotubes Composite as Ecofriendly Biocatalyst for Synthesis of Some Novel Benzil Bis-Thiazoles. <i>Polymers</i> , 2021, 13, 1728.	2.0	16
21	Novel polymaleimide containing dibenzoyl hydrazine pendant group as chelating agent for antimicrobial activity. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 68-77.	1.8	15
22	Chemically Induced Graft Copolymerization of Acrylonitrile onto Carboxymethyl Chitosan and its Modification to Amidoxime Derivative. <i>Polymer-Plastics Technology and Engineering</i> , 2010, 49, 1055-1064.	1.9	14
23	Synergistic effect of maleimido phenyl urea derivatives mixed with some commercial stabilizers on the efficiency of thermal stabilization of PVC. <i>Polymer Testing</i> , 2015, 44, 66-71.	2.3	13
24	Thermally Stable Antimicrobial PVC/Maleimido Phenyl Thiourea Composites. <i>Advances in Polymer Technology</i> , 2016, 35, 136-145.	0.8	12
25	Thermogravimetric analysis in the evaluation of the inhibition of degradation of rigid poly(vinyl chloride)/maleimido phenyl urea composites. <i>Polymer Degradation and Stability</i> , 2016, 128, 46-54.	2.7	12
26	Pyromellitimide benzoyl thiourea cross-linked carboxymethyl chitosan hydrogels as antimicrobial agents. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 861-870.	1.8	12
27	Chemically induced graft copolymerization of 4-vinyl pyridine onto carboxymethyl chitosan. <i>Polymer Bulletin</i> , 2011, 67, 693-707.	1.7	11
28	Thermally stable antimicrobial PVC/maleimido phenyl urea composites. <i>Polymer Bulletin</i> , 2014, 71, 2833-2849.	1.7	11
29	Thermogravimetric evaluation of novel antimicrobial phthalimido aromatic 1,3,4-oxadiazole derivatives as stabilizers for rigid PVC. <i>Polymer Degradation and Stability</i> , 2017, 146, 42-52.	2.7	11
30	Terephthalohydrazido cross-linked chitosan hydrogels: synthesis, characterization and applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2022, 71, 969-982.	1.8	11
31	Evaluation of the stability of rigid poly(vinyl chloride)/biologically active phthalimido phenyl urea composites using thermogravimetric analysis. <i>Polymer Degradation and Stability</i> , 2017, 140, 95-103.	2.7	10
32	Biologically active maleimido aromatic 1,3,4-oxadiazole derivatives evaluated thermogravimetrically as stabilizers for rigid PVC. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 2535-2546.	2.0	10
33	Antimicrobial itaconimido aromatic hydrazide derivatives for inhibition of the thermal degradation of rigid PVC. <i>Polymer Bulletin</i> , 2019, 76, 2341-2365.	1.7	8
34	Thermally stable antimicrobial polyvinylchloride/maleimido aromatic hydrazide composites. <i>Journal of Vinyl and Additive Technology</i> , 2016, 22, 247-258.	1.8	7
35	Evaluation of poly(N-benzoyl-4-(N-itaconimido)benzhydrazide) and its metal complexes as microbial inhibitors and thermal stabilizers for poly(vinyl chloride). <i>Polymer Bulletin</i> , 2022, 79, 9345-9370.	1.7	3