

Nadia Ahmed

List of Publications by Year in descending order

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51
papers

1,076
citations

393982

19
h-index

454577

30
g-index

51
all docs

51
docs citations

51
times ranked

824
citing authors

#	ARTICLE	IF	CITATIONS
1	Terephthalohydrazido cross-linked chitosan hydrogels: synthesis, characterization and applications. International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, 71, 969-982.	1.8	11
2	Synthesis, characterization, and antimicrobial activity of novel N-acetyl, N TM -chitosanacetohydrazide and its metal complexes. International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, 71, 1369-1379.	1.8	8
3	Evaluation of poly(N-benzoyl-4-(N-itaconimido)benzhydrazide) and its metal complexes as microbial inhibitors and thermal stabilizers for poly(vinyl chloride). Polymer Bulletin, 2022, 79, 9345-9370.	1.7	3
4	Synthesis and Characterization of Novel Uracil-Modified Chitosan as a Promising Adsorbent for Efficient Removal of Congo Red Dye. Polymers, 2022, 14, 271.	2.0	24
5	Evaluation of the antimicrobial and anti-biofilm activity of novel salicylhydrazido chitosan derivatives impregnated with titanium dioxide nanoparticles. International Journal of Biological Macromolecules, 2022, 205, 719-730.	3.6	18
6	Evaluation of Antimicrobial and Anti-Biofilm Formation Activities of Novel Poly(vinyl alcohol) Hydrogels Reinforced with Crosslinked Chitosan and Silver Nano-Particles. Polymers, 2022, 14, 1619.	2.0	18
7	Thermal and optical properties of aromatic polyamide TM hydrazides modified with multiwalled carbon nanotubes. Polymers and Polymer Composites, 2021, 29, 591-604.	1.0	1
8	Phthalimido thioureas with high antimicrobial performance as stabilizers for enhancement of the thermal stability of poly(vinyl chloride) loaded with multi TM walled carbon nanotubes. Polymers for Advanced Technologies, 2021, 32, 1317-1332.	1.6	8
9	Enhancement of the thermal stability of <sc>PVC</sc> filled with multiwalled carbon nanotubes using new antimicrobic itaconimido aryl 1,3,4 TM oxadiazoles. Polymer Composites, 2021, 42, 1245-1257.	2.3	7
10	Effective removal of Basic Red 12 dye by novel antimicrobial trimellitic anhydride isothiocyanate-cross-linked chitosan hydrogels. Polymers and Polymer Composites, 2021, 29, S274-S287.	1.0	16
11	Cross-Linked Chitosan/Multi-Walled Carbon Nanotubes Composite as Ecofriendly Biocatalyst for Synthesis of Some Novel Benzil Bis-Thiazoles. Polymers, 2021, 13, 1728.	2.0	16
12	Synthesis, characterization, anti-inflammatory and anti-Helicobacter pylori activities of novel benzophenone tetracarboxylimide benzoyl thiourea cross-linked chitosan hydrogels. International Journal of Biological Macromolecules, 2021, 181, 956-965.	3.6	22
13	Adsorption Behavior of Methylene Blue Dye by Novel CrossLinked O-CM-Chitosan Hydrogel in Aqueous Solution: Kinetics, Isotherm and Thermodynamics. Polymers, 2021, 13, 3659.	2.0	31
14	Kinetics, Isotherm and Thermodynamic Studies for Efficient Adsorption of Congo Red Dye from Aqueous Solution onto Novel Cyanoguanidine-Modified Chitosan Adsorbent. Polymers, 2021, 13, 4446.	2.0	51
15	Enhancement of adsorption of Congo red dye onto novel antimicrobial trimellitic anhydride isothiocyanate-cross-linked chitosan hydrogels. Polymer Bulletin, 2020, 77, 6135-6160.	1.7	20
16	Designing, preparation and evaluation of the antimicrobial activity of biomaterials based on chitosan modified with silver nanoparticles. International Journal of Biological Macromolecules, 2020, 151, 92-103.	3.6	47
17	Preparation and characterization of some new antimicrobial thermally stable PVC formulations. Polymer Bulletin, 2020, 78, 6183.	1.7	3
18	Synthesis and characterization of novel trimellitic anhydride isothiocyanate-cross linked chitosan hydrogels modified with multi-walled carbon nanotubes for enhancement of antimicrobial activity. International Journal of Biological Macromolecules, 2019, 132, 416-428.	3.6	33

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19	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
20	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
21	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
22	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
23	Dynamic and electrical properties of aromatic poly(amide hydrazides) filled with multi-walled carbon nanotubes. <i>Polymer Composites</i> , 2018, 39, E842.	2.3	3
24	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
25	Synthesis, characterization, and antimicrobial activity of chitosan hydrazide derivative. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 410-415.	1.8	30
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	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
28	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
29	Adsorption of Congo red dye onto antimicrobial terephthaloyl thiourea cross-linked chitosan hydrogels. <i>Water Science and Technology</i> , 2017, 76, 2719-2732.	1.2	48
30	Thermally stable antimicrobial polyvinylchloride/maleimido aromatic hydrazide composites. <i>Journal of Vinyl and Additive Technology</i> , 2016, 22, 247-258.	1.8	7
31	Thermally Stable Antimicrobial PVC/Maleimido Phenyl Thiourea Composites. <i>Advances in Polymer Technology</i> , 2016, 35, 136-145.	0.8	12
32	Synthesis and characterization of biodegradable copoly(ether-ester-urethane)s and their chitin whisker nanocomposites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 125, 163-173.	2.0	16
33	Thermogravimetric analysis in the evaluation of the inhibition of degradation of rigid poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock and Stability, 2016, 128, 46-54.	2.7	12
34	Novel antimicrobial superporous cross-linked chitosan/pyromellitimide benzoyl thiourea hydrogels. <i>International Journal of Biological Macromolecules</i> , 2016, 82, 589-598.	3.6	32
35	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
36	Thermally stable antimicrobial PVC/maleimido phenyl urea composites. <i>Polymer Bulletin</i> , 2014, 71, 2833-2849.	1.7	11

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37	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
38	Crystallization and thermal properties of biodegradable polyurethanes based on poly[(R)-3-hydroxybutyrate] and their composites with chitin whiskers. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	16
39	Quaternized N-substituted carboxymethyl chitosan derivatives as antimicrobial agents. <i>International Journal of Biological Macromolecules</i> , 2013, 60, 156-164.	3.6	68
40	Novel self-dyed wholly aromatic polyamide-hydrazides covalently bonded with azo groups in their main chains. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 114, 859-871.	2.0	8
41	Novel Self-Dyed Wholly Aromatic Polyamide-Hydrazides Covalently Bonded with Azo Groups in Their Main Chains: 1. Structure-Property Relationships. <i>Molecules</i> , 2012, 17, 13969-13988.	1.7	4
42	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
43	Synthesis and antimicrobial activity of some novel terephthaloyl thiourea cross-linked carboxymethyl chitosan hydrogels. <i>Cellulose</i> , 2012, 19, 1879-1891.	2.4	42
44	Novel Antimicrobial Organic Thermal Stabilizer and Co-Stabilizer for Rigid PVC. <i>Molecules</i> , 2012, 17, 7927-7940.	1.7	27
45	Synthesis, Characterization, and Antimicrobial Activity of Carboxymethyl Chitosan-Graft-Poly(N-acryloyl,N ² -cyanoacetohydrazide) Copolymers. <i>Journal of Carbohydrate Chemistry</i> , 2012, 31, 220-240.	0.4	21
46	Chemically induced graft copolymerization of 4-vinyl pyridine onto carboxymethyl chitosan. <i>Polymer Bulletin</i> , 2011, 67, 693-707.	1.7	11
47	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
48	Thermal degradation behavior of poly(vinyl chloride) in presence of poly(N-acryloyl-N ² -cyanoacetohydrazide). <i>Journal of Applied Polymer Science</i> , 2008, 109, 2362-2368.	1.3	12
49	Thermal degradation behavior of poly(vinyl chloride) in the presence of poly(glycidyl methacrylate). <i>Journal of Applied Polymer Science</i> , 2008, 110, 2205-2210.	1.3	16
50	N-acryloyl,N ² -cyanoacetohydrazide as a thermal stabilizer for rigid poly(vinyl chloride). <i>Polymer International</i> , 1998, 45, 147-156.	1.6	27
51	Polymerization products of p-benzoquinone as thermal stabilizers for rigid poly(vinyl chloride). Part II—Evaluation of the stabilizing efficiency. <i>Polymer Degradation and Stability</i> , 1985, 13, 225-247.	2.7	21