

Gamal R Saad

List of Publications by Year in descending order

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59
papers

1,462
citations

393982

19
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360668

35
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all docs

59
docs citations

59
times ranked

1342
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan Schiff bases/AgNPs: synthesis, characterization, antibiofilm and preliminary anti-schistosomal activity studies. <i>Polymer Bulletin</i> , 2022, 79, 11259-11284.	1.7	4
2	Steric effect of di-lateral methyl substituent on the mesophase behavior of four-ring azo/ester/azo homologues. <i>Liquid Crystals</i> , 2022, 49, 1511-1523.	0.9	2
3	Study of Ag Nanoparticles in a Polyacrylamide Hydrogel Dosimeters by Optical Technique. <i>Gels</i> , 2022, 8, 222.	2.1	7
4	Chitosan Schiff bases-based polyelectrolyte complexes with graphene quantum dots and their prospective biomedical applications. <i>International Journal of Biological Macromolecules</i> , 2022, 208, 1029-1045.	3.6	13
5	Effect of replacing the terminal phenyl ring with 3-pyridyl and inversion of imine linkage on the mesophase behaviour of four-ring azo/ester/Schiff base compounds. <i>Liquid Crystals</i> , 2021, 48, 1217-1230.	0.9	5
6	Dosimetric investigations on radiation-induced Ag nanoparticles in a gel dosimeter. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 329, 463-473.	0.7	5
7	Induction of mitochondria mediated apoptosis in human ovarian cancer cells by folic acid coated tin oxide nanoparticles. <i>PLoS ONE</i> , 2021, 16, e0258115.	1.1	17
8	Nanocurcumin: preparation, characterization and cytotoxic effects towards human laryngeal cancer cells. <i>RSC Advances</i> , 2020, 10, 20724-20737.	1.7	42
9	New wide-stability four-ring azo/ester/Schiff base liquid crystals: synthesis, mesomorphic, photophysical, and DFT approaches. <i>RSC Advances</i> , 2020, 10, 9643-9656.	1.7	53
10	Thermal and Photophysical Studies of Binary Mixtures of Liquid Crystal with Different Geometrical Mesogens. <i>Crystals</i> , 2020, 10, 223.	1.0	16
11	Effect of replacing an azo group with an azomethine one on the mesophase behaviour of four-ring azo/ester/azomethine compounds bearing two terminal alkoxy groups. <i>Liquid Crystals</i> , 2020, 47, 1409-1420.	0.9	6
12	Synthesis and mesophase behaviour of four-ring azo-ester-azo compounds bearing two-terminal alkoxy groups in different lengths and proportions. <i>Liquid Crystals</i> , 2020, 47, 1772-1783.	0.9	13
13	Synthesis, characterization and antimicrobial activity of a novel chitosan Schiff bases based on heterocyclic moieties. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 492-501.	3.6	77
14	Comparative evaluation for controlling release of niacin from protein- and cellulose-chitosan based hydrogels. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 228-237.	3.6	57
15	Effect of orientation of lateral fluorine atom on the mesophase behaviour of azo/ester molecules with terminal naphthyl group. <i>Liquid Crystals</i> , 2019, 46, 2322-2333.	0.9	14
16	Effect of orientation of extra fused benzene ring and lateral methyl substituent on the mesophase behaviour of three-ring azo/ester molecules. <i>Liquid Crystals</i> , 2019, 46, 2269-2280.	0.9	9
17	Effect of lateral bromo substituent on the phase behavior of four-ring azo/ester/azo liquid crystalline materials. <i>Liquid Crystals</i> , 2019, 46, 1631-1642.	0.9	12
18	Synthesis and characterization of polypropylene grafted with p- hydroxy-N-phenyl maleimide. <i>Journal of Polymer Research</i> , 2019, 26, 1.	1.2	4

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19	Synthesis and characterization of nanocarbon having different morphological structures by chemical vapor deposition over Fe-Ni-Co-Mo/MgO catalyst. <i>Journal of Saudi Chemical Society</i> , 2019, 23, 666-677.	2.4	9
20	Encapsulation of ciprofloxacin within modified xanthan gum- chitosan based hydrogel for drug delivery. <i>Bioorganic Chemistry</i> , 2019, 84, 115-124.	2.0	126
21	Influence of lateral methyl and terminal substituents on the mesophase behaviour of four rings azo-ester liquid crystal compounds. <i>Liquid Crystals</i> , 2019, 46, 1285-1297.	0.9	24
22	Diglycidyl ether of bisphenol A/chitosan grafted polyaniline composites with electromagnetic interference shielding properties: Synthesis, characterization, and curing kinetics. <i>Polymer Engineering and Science</i> , 2019, 59, 372-381.	1.5	17
23	Effect of orientation of lateral methyl substituent on the thermal behaviour of the mesophase in binary systems of 4-substituted phenyl 4-alkoxy phenylazo benzoates. <i>Liquid Crystals</i> , 2018, 45, 1177-1185.	0.9	13
24	Effect of position of the lateral fluoro substituent on the mesophase behaviour of aryl 4-alkoxyphenylazo benzoates in pure and binary mixtures. <i>Liquid Crystals</i> , 2018, 45, 1487-1497.	0.9	19
25	Preparation and characterization of bio-based polyurethanes obtained from castor oil and poly(3-hydroxybutyrate) and their nanocomposites. <i>Polymer Composites</i> , 2018, 39, E489.	2.3	10
26	Effect of including extra phenylazo moiety on the mesophase behaviour of three-ring azo/ester molecules. <i>Liquid Crystals</i> , 2018, 45, 1711-1722.	0.9	15
27	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
28	Synthesis, characterization and antimicrobial activity of biguanidinylated chitosan-g-poly[(R) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	3.6	28
29	Polarity and steric effect of di-lateral substitution on the mesophase behaviour of some azo/ester compounds. <i>Liquid Crystals</i> , 2017, 44, 1664-1677.	0.9	18
30	Nonisothermal crystallization behavior and molecular dynamics of poly(lactic acid) plasticized with jojoba oil. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 128, 211-223.	2.0	20
31	Mechanical, thermal, and dielectric properties of poly(lactic acid)/chitosan nanocomposites. <i>Polymer Engineering and Science</i> , 2016, 56, 987-994.	1.5	44
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	Synthesis, characterization, and biological activity of cross-linked chitosan biguanidine loaded with silver nanoparticles. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 1880-1898.	1.9	42
34	The effect of orientation of the lateral methyl substituent on the mesophase behaviour of 4-alkoxyphenylazo aryl benzoates. <i>Liquid Crystals</i> , 2016, 43, 1831-1845.	0.9	8
35	Isolation and characterization of chitosan from different local insects in Egypt. <i>International Journal of Biological Macromolecules</i> , 2016, 82, 871-877.	3.6	124
36	Synthesis, characterization and biological activity of Schiff bases based on chitosan and arylpyrazole moiety. <i>International Journal of Biological Macromolecules</i> , 2015, 79, 996-1003.	3.6	97

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55	Dielectric behaviour of cyanoethylated cellulose. <i>Polymer International</i> , 1994, 34, 411-415.	1.6	19
56	Frequency dependence of the complex dielectric constant of sodium carboxymethyl cellulose. <i>Angewandte Makromolekulare Chemie</i> , 1993, 204, 51-61.	0.3	5
57	Dielectric study of acetylated cotton cellulose and saponified cellulose acetate. <i>Angewandte Makromolekulare Chemie</i> , 1992, 197, 23-39.	0.3	5
58	The effect of lateral methyl substitution on the mesophase behaviour of aryl 4-alkoxyphenylazo benzoates. <i>Liquid Crystals</i> , 0, , 1-11.	0.9	2
59	Synthesis and mesomorphic properties of laterally fluoro azo/ ester based on four ring compounds with a wide range mesophase thermal stability. <i>Liquid Crystals</i> , 0, , 1-13.	0.9	3