Khaled D Khalil

List of Publications by Year
in descending order

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36	822	516561	501076
papers	citations	16	28
		h-index	g-index

39	39	39	804
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Convenient Ultrasound-Promoted Synthesis of Some New Thiazole Derivatives Bearing a Coumarin Nucleus and Their Cytotoxic Activity. Molecules, 2012, 17, 9335-9347.	1.7	97
2	Green One Pot Solvent-Free Synthesis of Pyrano[2,3-c]-Pyrazoles and Pyrazolo[1,5-a]Pyrimidines. Molecules, 2010, 15, 6619-6629.	1.7	78
3	Chitosan as heterogeneous catalyst in Michael additions: The reaction of cinnamonitriles with active methyls, active methylenes and phenols. Arkivoc, 2009, 2008, 288-301.	0.3	77
4	A Facile Green Synthesis and Anti-Cancer Activity of bis-Arylhydrazononitriles, Triazolo[5,1-c][1,2,4]triazine, and 1,3,4-Thiadiazolines. Heterocycles, 2013, 87, 1109.	0.4	49
5	Synthesis, characterization and application of copper oxide chitosan nanocomposite for green regioselective synthesis of [1,2,3]triazoles. International Journal of Biological Macromolecules, 2019, 130, 928-937.	3.6	43
6	Studies with enaminones and enaminonitriles: synthesis of 3-aroyl and 3-heteroaroyl-pyrazolo-[1,5-a]pyrimidines. Tetrahedron, 2009, 65, 9421-9427.	1.0	41
7	Chitosan Based Heterogeneous Catalyses: Chitosan-Grafted-Poly(4-Vinylpyridne) as an Efficient Catalyst for Michael Additions and Alkylpyridazinyl Carbonitrile Oxidation. Molecules, 2013, 18, 5288-5305.	1.7	36
8	Chitosan as an eco-friendly heterogeneous catalyst for Michael type addition reactions. A simple and efficient route to pyridones and phthalazines. European Journal of Chemistry, 2010, 1, 252-258.	0.3	35
9	Grafting of vinyl acetate onto chitosan and biocidal activity of the graft copolymers. Journal of Applied Polymer Science, 2007, 103, 1651-1663.	1.3	32
10	Chitosan-MgO Nanocomposite: One Pot Preparation and Its Utility as an Ecofriendly Biocatalyst in the Synthesis of Thiazoles and [1,3,4]thiadiazoles. Nanomaterials, 2018, 8, 928.	1.9	32
11	Synthesis, structural, dielectric and optical properties of chitosan-MgO nanocomposite. Journal of Taibah University for Science, 2020, 14, 975-983.	1.1	26
12	Synthesis and Antihypertensive Î±-Blocking Activity Evaluation of Thiazole Derivatives Bearing Pyrazole Moiety. Heterocycles, 2015, 91, 1763.	0.4	24
13	A novel, efficient, and recyclable biocatalyst for Michael addition reactions and its iron(<scp>iii</scp>) complex as promoter for alkyl oxidation reactions. Catalysis Science and Technology, 2016, 6, 1410-1416.	2.1	24
14	Synthesis and SAR Study of the Novel Thiadiazoleâ€“Imidazole Derivatives as a New Anticancer Agents. Chemical and Pharmaceutical Bulletin, 2016, 64, 1356-1363.	0.6	22
15	Crystallinity, antimicrobial activity and dyeing properties of chitosan-g-poly(N-acryloyl morpholine) copolymer. European Polymer Journal, 2014, 58, 164-172.	2.6	19
16	Structural Properties and Catalytic Activity of Binary Poly (vinyl alcohol)/Al2O3 Nanocomposite Film for Synthesis of Thiazoles. Catalysts, 2020, 10, 100.	1.6	19
17	Bio-Based (Chitosan-ZnO) Nanocomposite: Synthesis, Characterization, and Its Use as Recyclable, Ecofriendly Biocatalyst for Synthesis of Thiazoles Tethered Azo Groups. Polymers, 2022, 14, 386.	2.0	19
18	Synthesis and characterization of chitosan-g-poly(2-(furan-2-carbonyl)-acrylonitrile): Grafting of chitosan using a novel monomer prepared by a Baylisâ€“Hillman reaction. European Polymer Journal, 2013, 49, 1662-1672.	2.6	13

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19	Chitosan/CuO nanocomposite films mediated regioselective synthesis of 1,3,4-trisubstituted pyrazoles under microwave irradiation. Journal of Saudi Chemical Society, 2021, 25, 101276.	2.4	13
20	VEGFR2 and hepatocellular carcinoma inhibitory activities of trisubstituted triazole derivatives. Journal of Molecular Structure, 2022, 1250, 131832.	1.8	13
21	Synthesis, Characterization of Chitosan-Aluminum Oxide Nanocomposite for Green Synthesis of Annulated Imidazopyrazol Thione Derivatives. Polymers, 2021, 13, 1160.	2.0	12
22	Efficient Routes to Pyrazolo[3,4-e][1,2,4]triazines and a New Ring System: [1,2,4]Triazino[5,6-d][1,2,3]triazines. Molecules, 2010, 15, 3302-3310.	1.7	11
23	Synthesis, Biological Evaluation, and Molecular Docking of Novel Thiazoles and [1,3,4]Thiadiazoles Incorporating Sulfonamide Group as <scp>DHFR</scp> Inhibitors. Chemistry and Biodiversity, 2018, 15, e1800231.	1.0	11
24	Chitosan-Strontium Oxide Nanocomposite: Preparation, Characterization, and Catalytic Potency in Thiadiazoles Synthesis. Polymers, 2022, 14, 2827.	2.0	10
25	Studies on 3-Oxoalkanenitriles: Novel Rearrangement Reactions Observed in Studies of the Chemistry of 3-Heteroaroyl-3-Oxoalkanenitriles as Novel Routes to 2-Dialkylaminopyridines. Molecules, 2012, 17, 897-909.	1.7	9
26	Studies with 3-oxoalkanenitriles: novel rearrangements observed while exploring the utility of 3-(1-methyl-2-pyrrolyl)-3-oxopropanenitrile as a precursor to pyrrole-substituted heterocyclic compounds. Arkivoc, 2012, 2012, 1-15.	0.3	9
27	Synthesis of Chitosan-La2O3 Nanocomposite and Its Utility as a Powerful Catalyst in the Synthesis of Pyridines and Pyrazoles. Molecules, 2021, 26, 3689.	1.7	8
28	Solvent-Free Mechanochemical Synthesis of High Transition Biphenyltetracarboxydiimide Liquid Crystals. Molecules, 2021, 26, 3035.	1.7	7
29	Heterogeneous Hybrid Nanocomposite Based on Chitosan/Magnesia Hybrid Films: Ecofriendly and Recyclable Solid Catalysts for Organic Reactions. Polymers, 2021, 13, 3583.	2.0	7
30	Studies on 2-Arylhydrazononitriles: Synthesis of 3-Aryl-2-arylhydrazopropanenitriles and Their Utility as Precursors to 2-Substituted Indoles, 2-Substituted-1,2,3-Triazoles, and 1-Substituted Pyrazolo[4,3-d]pyrimidines. Molecules, 2012, 17, 12225-12233.	1.7	6
31	Synthesis of chitosanâ€graftâ€poly[2â€cyanoâ€1â€(pyridinâ€3â€yl)allyl acrylate] copolymer from a novel monomer, prepared using a Moritaâ€“Baylisâ€“Hillman reaction, and characterization of its antimicrobial activity. Polymer International, 2014, 63, 2042-2051.	1.6	5
32	Alkylheteroaromatic-carbonitriles as Building Blocks in Heterocyclic Synthesis: Synthesis of Ethyl 1-Substituted 5-Cyano-4-methyl-6-oxopyridine-3-carboxylates; Versatile Precursors for Polyfunctionally Substituted Isoquinolines and Pyrido[3,4-c]pyridine. Heterocycles, 2009, 78, 2067.	0.4	5
33	Chitosan-g-poly(4-acrylamidobenzenesulfonamide) copolymers: synthesis, characterization, and bioactivity. Journal of Polymer Research, 2017, 24, 1.	1.2	3
34	Structure and thermal investigation of the effect of laser radiation in Chitosan-MgO nanocomposite film. Radiation Effects and Defects in Solids, 2020, 175, 422-432.	0.4	3
35	Synthesis, characterization and optical properties of chitosanâ€“La2O3 nanocomposite. Bulletin of Materials Science, 2022, 45, .	0.8	3
36	Studies with Enaminals. New Efficient Synthetic Route to Functionally Substituted Pyridines, Pyrazoles, and Pyrimidines. Current Organic Synthesis, 2014, 11, 922-928.	0.7	1