Fouad Malek

List of Publications by Year
in descending order

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Version: 2024-02-01

61	827	471509	552781
papers	citations	17	26
		h-index	g-index

62	62	62	639
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biobased composites from jojoba oil and fibers from alfa stems: Elaboration and characterization. Industrial Crops and Products, 2022, 176, 114294.	5.2	4
2	A New C,C-Linked Functionalized Bipyrazole: Synthesis, Crystal Structure, Spectroscopies and DFT Studies. Evaluation of the Antibacterial Activity and Catalytic Properties. Heterocycles, 2022, 104, 495.	0.7	1
3	Insights on the Synthesis of N-Heterocycles Containing Macrocycles and Their Complexion and Biological Properties. Molecules, 2022, 27, 2123.	3.8	10
4	Synthesis, antimicrobial activity and in-silico docking of two macrocycles based on pyrazole-tetrazole subunit. Journal of Molecular Structure, 2022, 1261, 132947.	3.6	11
5	New pyrazole-tetrazole hybrid compounds as potent Î±-amylase and non-enzymatic glycation inhibitors. Bioorganic and Medicinal Chemistry Letters, 2022, 69, 128785.	2.2	10
6	Synthesis and characterization of new pyrazoleâ€“tetrazole derivatives as new vasorelaxant agents. Drug Development Research, 2021, 82, 1055-1062.	2.9	9
7	New Biobased Polyurethane Materials from Modified Vegetable Oil. Journal of Renewable Materials, 2021, 9, 1213-1223.	2.2	12
8	Substituent Effects in 3,3' Bipyrazole Derivatives. X-ray Crystal Structures, Molecular Properties and {DFT} Analysis.. Acta Chimica Slovenica, 2021, 68, 718-727.	0.6	0
9	Synthesis, Characterization, Antibacterial Properties and DFT Studies of Two New Polypyrazolic Macrocycles. Polycyclic Aromatic Compounds, 2020, 40, 1459-1469.	2.6	9
10	Accessible approaches for vibrational zero point energy calculation of organoboron compounds. Vibrational Spectroscopy, 2020, 110, 103131.	2.2	0
11	New bio-based polyhydroxyurethane material. Materials Today: Proceedings, 2020, 31, S12-S15.	1.8	4
12	Synthesis of new tetrapyrazolic macrocycle and examination of its complexation properties. Materials Today: Proceedings, 2020, 31, S75-S77.	1.8	3
13	New bipyrazolic compounds: Synthesis, characterization, antibacterial activity and computational studies. Journal of Molecular Structure, 2019, 1176, 110-116.	3.6	4
14	Reactive jojoba and castor oils-based cyclic carbonates for biobased polyhydroxyurethanes. European Polymer Journal, 2019, 113, 18-28.	5.4	38
15	A Novel Water Soluble Bipyrazolic Tripod Azoic Dye as Chemosensor for Copper (II) in Aqueous Solution. Chemistry Africa, 2019, 2, 29-38.	2.4	6
16	New copper complexes with bipyrazolic ligands: Synthesis, characterization and evaluation of the antibacterial and catalytic properties. Journal of Molecular Structure, 2018, 1163, 300-307.	3.6	15
17	Synthesis and characterization of new fluorinated copolymers based on azole groups for fuel cell membranes. Solid State Ionics, 2018, 317, 108-114.	2.7	7
18	Synthesis of Bio-Based Polyurethanes from Jojoba Oil. European Journal of Lipid Science and Technology, 2018, 120, 1700414.	1.5	9

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19	Synthesis, Characterization, Antimicrobial Activity, and Docking Studies of New Triazolic Tripodal Ligands. Chemistry and Biodiversity, 2017, 14, e1700351.	2.1	18
20	Elaboration of new thin solid membrane bearing a tetrapyrazolic macrocycle for the selective transport of lithium cation. Separation and Purification Technology, 2017, 188, 394-398.	7.9	12
21	New generation of tetrapyrazolic macrocycles: Synthesis and examination of their complexation properties and antibacterial activity. Tetrahedron, 2017, 73, 5138-5143.	1.9	22
22	Synthesis, characterization, antimicrobial activity and theoretical studies of new thiophene-based tripodal ligands. Journal of Molecular Structure, 2017, 1133, 74-79.	3.6	33
23	New polymeric membrane incorporating a tetrapyrazolic macrocycle for the selective transport of cesium cation. Separation and Purification Technology, 2017, 176, 8-14.	7.9	14
24	Novel efficient functionalized tetrapyrazolic macrocycle for the selective extraction of lithium cations. Tetrahedron, 2016, 72, 2227-2232.	1.9	18
25	Fluorinated polymers based on pyrazole groups for fuel cell membranes. European Polymer Journal, 2016, 79, 72-81.	5.4	15
26	Synthesis and characterization of two new tetrapyrazolic macrocycles for the selective extraction of cesium cation. Tetrahedron, 2016, 72, 3966-3973.	1.9	15
27	Vibrational zero point energy of organophosphorus(V) compounds. Vibrational Spectroscopy, 2016, 86, 173-180.	2.2	2
28	Effects of cellulose fiber content on physical properties of polyurethane based composites. Composite Structures, 2016, 135, 217-223.	5.8	49
29	Characterization of composite materials based on LDPE loaded with agricultural tunisian waste. Polymer Composites, 2015, 36, 817-824.	4.6	10
30	Tridentate bipyrazole compounds with a side-arm as a new class of antitumor agents. Research on Chemical Intermediates, 2014, 40, 681-687.	2.7	23
31	Water soluble and fluorescent copolymers as highly sensitive and selective fluorescent chemosensors for the detection of cyanide anions in biological media. RSC Advances, 2013, 3, 22168.	3.6	22
32	Hartreeâ€“Fock and density functional theory studies on tautomerism of 5,5â€²-diisopropyl-3,3â€²-bipyrazole in gas phase and solution. Chemical Physics Letters, 2013, 588, 208-214.	2.6	12
33	Bio-polymer starch thin film sensors for low concentration detection of cyanide anions in water. Dyes and Pigments, 2013, 97, 134-140.	3.7	40
34	Synthesis and enzyme inhibitory activities of some new pyrazole-based heterocyclic compounds. Medicinal Chemistry Research, 2012, 21, 2772-2778.	2.4	44
35	A facile route to the new triazene dyes based on substituted pyrazolidin-3,5-dione derivatives. Dyes and Pigments, 2012, 92, 1212-1222.	3.7	13
36	New generation of functionalized bipyrazolic tripods: synthesis and study of their coordination properties towards metal cations. Tetrahedron, 2012, 68, 4037-4041.	1.9	24

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37	Synthesis and characterization of new polyurethanes: influence of monomer composition. Polymer Bulletin, 2011, 66, 391-406.	3.3	8
38	Synthesis of Polyurethane and Characterization of its Composites Based on Alfa Cellulose Fibers. Journal of Polymers and the Environment, 2010, 18, 638-646.	5.0	44
39	Synthesis and characterization of new polyurethane based on polycaprolactone. Journal of Applied Polymer Science, 2010, 115, 3651-3658.	2.6	28
40	Transport abilities of new synthesised membrane materials incorporating tetrapyrazolic tripods. Journal of Applied Polymer Science, 2009, 111, 57-62.	2.6	4
41	Synthesis of new tripodal ligand 5-(bis(3,5-dimethyl-1H-pyrazol-1-ylmethyl)amino)pentan-1-ol, catecholase activities studies of three functional tripodal pyrazolyl N-donor ligands, with different copper (II) salts. Catalysis Communications, 2008, 9, 966-969.	3.3	59
42	Synthesis and transport abilities of new membrane materials incorporating bipyrazolic tripods. Journal of Applied Polymer Science, 2007, 104, 3967-3972.	2.6	5
43	Synthesis and transport abilities of new membrane materials incorporating mono- and bi-pyrazolic compounds. European Polymer Journal, 2005, 41, 817-821.	5.4	5
44	Tetrapyrazolic tripods. Synthesis and preliminary use in metal ion extraction. Tetrahedron, 2005, 61, 2995-2998.	1.9	25
45	3-methyl-1-[3-(3-methyl-2-oxobutylidene)-1,4-dihydro-quinoxalin-2-ylidene]butan-2-one.. MolBank, 2004, 2004, M383.	0.5	0
46	2-[-3-(2-(4-methylphenyl)-2-oxoethylidene)-1,4-dihydro- quinoxaline-2(1H)-ylidene]-1-(4-methylphenyl) ethanone. MolBank, 2004, 2004, M355.	0.5	0
47	2-[6-methyl-3-(2-(4-methylphenyl)-2-oxoethylidene)-1,4-dihydro-quinoxaline-2(1H)-ylidene]-1-(4-methylphenyl) ethanone. MolBank, 2004, 2004, M356.	0.5	1
48	4-{[(3,5-dimethyl-1H-pyrazol-1-yl)methyl]amino}benzoic acid. MolBank, 2004, 2004, M368.	0.5	0
49	1-(4-{[(3,5-dimethyl-1H-pyrazol-1-yl)methyl] amino} phenyl) ethanone. MolBank, 2004, 2004, M369.	0.5	2
50	2-{bis[(1,5-dimethyl-1H-pyrazol-3-yl)methyl]amino}ethanol. MolBank, 2004, 2004, M370.	0.5	1
51	3-methyl-1-[3-(3-methyl-2-oxobutylidene)-1,4-dihydro-6-methyl-quinoxalin-2-ylidene]butan-2-one.. MolBank, 2004, 2004, M384.	0.5	0
52	3-methyl-1-[3-(3-methyl-2-oxobutylidene)-1,4-dihydro-6-nitro-quinoxalin-2-ylidene]butan-2-one.. MolBank, 2004, 2004, M385.	0.5	0
53	Pyrazolic tripods synthesis and cation binding properties. Journal of Chemical Research, 2004, 2004, 640-641.	1.3	23
54	3,8-Dihydroxy-2,9-dimethyl Deca-3,7-diene-5,6-dione. MolBank, 2003, 2003, M345.	0.5	3

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55	2-[3-(2-Oxo-2-phenylethylidene)-1,4-dihydro-6-methyl Quinoxalin-2-ylidene]-1-phenyl Ethanone. MolBank, 2003, 2003, M346.	0.5	0
56	Synthesis and X-Ray Structure of [N,N-Bis(3,5-dimethylpyrazol-1-ylmethyl)-1-hydroxy-2-aminoethane](3,5-dimethylpyrazole) copper(II) dinitrate. Molecules, 2003, 8, 780-787.	3.8	17
57	Elaboration de nouveaux matÃ©riaux membranaires incorporant des macrocycles tetrapyrazoliques. Etude du transport facilitÃ© des mÃ©taux alcalins Li+, Na+ et K+. New Journal of Chemistry, 2002, 26, 876-882.	2.8	27
58	Synthesis and characterization of styrenic polymers with pendant pyrazole groups. II. Journal of Polymer Science Part A, 1994, 32, 729-740.	2.3	11
59	Synthesis and characterization of maleimide polymers with pendant pyrazole groups. IV. Copolymerization of pyrazole-modified maleimides with vinyl ethers. Journal of Polymer Science Part A, 1994, 32, 3161-3169.	2.3	6
60	Synthesis and characterization of polymers bearing pyrazole groups, 1. Methacrylic derivatives. Macromolecular Chemistry and Physics, 1994, 195, 1121-1135.	2.2	7
61	Copolymerization of chloromethylstyrene and maleic anhydride: an example for testing a new method to determine reactivity ratios. European Polymer Journal, 1992, 28, 1237-1239.	5.4	4