

Farid Abrigach

List of Publications by Year in descending order

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26
papers

481
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687363

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times ranked

532
citing authors

#	ARTICLE	IF	CITATIONS
1	New thiazole, pyridine and pyrazole derivatives as antioxidant candidates: synthesis, DFT calculations and molecular docking study. <i>Heliyon</i> , 2020, 6, e03185.	3.2	62
2	In vitro screening, homology modeling and molecular docking studies of some pyrazole and imidazole derivatives. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 653-661.	5.6	60
3	Corrosion Resistance of Mild Steel Coated with Organic Material Containing Pyrazol Moiety. <i>Coatings</i> , 2018, 8, 330.	2.6	42
4	Theoretical and Experimental Studies on the Corrosion Inhibition Potentials of Two Tetrakis Pyrazole Derivatives for Mild Steel in 1.0 M HCl. <i>Portugaliae Electrochimica Acta</i> , 2017, 35, 159-178.	1.1	29
5	New N,N,N',N'-tetradentate Pyrazoly Agents: Synthesis and Evaluation of their Antifungal and Antibacterial Activities. <i>Medicinal Chemistry</i> , 2016, 12, 83-89.	1.5	25
6	Pyrazole Derivatives with NCN Junction and their Biological Activity: A Review. , 2016, 06, .		23
7	Novel β -keto α -enol Pyrazolic Compounds as Potent Antifungal Agents. Design, Synthesis, Crystal Structure, DFT, Homology Modeling, and Docking Studies. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 1398-1409.	5.4	22
8	Phytochemical screening and evaluation of the antioxidant and antibacterial potential of <i>Zingiber officinale</i> extracts. <i>South African Journal of Botany</i> , 2021, 142, 433-440.	2.5	20
9	Identification of novel antifungal agents: antimicrobial evaluation, SAR, ADME α -Tox and molecular docking studies of a series of imidazole derivatives. <i>BMC Chemistry</i> , 2019, 13, 100.	3.8	18
10	Synthesis, characterization, reaction mechanism prediction and biological study of mono, bis and tetrakis pyrazole derivatives against <i>Fusarium oxysporum</i> f. sp. <i>Albedinis</i> with conceptual DFT and ligand-protein docking studies. <i>Bioorganic Chemistry</i> , 2021, 110, 104696.	4.1	18
11	Synthesis, biological screening, POM, and 3D-QSAR analyses of some novel pyrazolic compounds. <i>Medicinal Chemistry Research</i> , 2017, 26, 1784-1795.	2.4	17
12	Synthesis, structural, catecholase, tyrosinase and DFT studies of pyrazoloquinoxaline derivatives. <i>Journal of Molecular Structure</i> , 2017, 1139, 238-246.	3.6	16
13	Synthesis, crystal structure, antimicrobial activity and docking studies of new imidazothiazole derivatives. <i>Journal of the Iranian Chemical Society</i> , 2020, 17, 297-306.	2.2	16
14	Synthesis, Antimicrobial Screening, Homology Modeling, and Molecular Docking Studies of a New Series of Schiff Base Derivatives as Prospective Fungal Inhibitor Candidates. <i>Molecules</i> , 2019, 24, 3250.	3.8	15
15	Catecholase activity investigation for pyridazinone- and thiopyridazinone-based ligands. <i>Research on Chemical Intermediates</i> , 2012, 38, 1987-1998.	2.7	14
16	New nitrogen-donor pyrazole ligands for excellent liquid α -liquid extraction of Fe ²⁺ ions from aqueous solution, with theoretical study. <i>Research on Chemical Intermediates</i> , 2015, 41, 3319-3334.	2.7	14
17	Liquid-liquid extraction of metal ions, DFT and TD-DFT analysis for some pyrane derivatives with high selectivity for Fe(II) and Pb(II). <i>Separation Science and Technology</i> , 2016, 51, 1112-1123.	2.5	12
18	Mono-Alkylated Ligands Based on Pyrazole and Triazole Derivatives Tested Against <i>Fusarium oxysporum</i> f. sp. <i>albedinis</i> : Synthesis, Characterization, DFT, and Phytase Binding Site Identification Using Blind Docking/Virtual Screening for Potent Fophy Inhibitors. <i>Frontiers in Chemistry</i> , 2020, 8, 559262.	3.6	12

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19	Catecholase activity investigations using in situ copper complexes containing Schiff base derivatives with a theoretical calculation. <i>Oriental Journal of Chemistry</i> , 2015, 31, 97-105.	0.3	9
20	Synthesis, Molecular Docking, MEP and SAR Analysis, ADME-Tox Predictions, and Antimicrobial Evaluation of Novel Mono- and Tetra-Alkylated Pyrazole and Triazole Ligands. <i>Journal of Chemistry</i> , 2021, 2021, 1-11.	1.9	8
21	Pyrazole Compounds : Synthesis, molecular structure, chemical reactivity, experimental and theoretical DFT FTIR spectra. <i>Materials Today: Proceedings</i> , 2019, 13, 956-963.	1.8	7
22	Library of Synthetic Compounds Based on Pyrazole Unit: Design and Screening Against Breast and Colorectal Cancer. <i>Letters in Drug Design and Discovery</i> , 2014, 11, 1010-1016.	0.7	7
23	New Heterocyclic Compounds: Synthesis, Antioxidant Activity and Computational Insights of Nano-Antioxidant as Ascorbate Peroxidase Inhibitor by Various Cyclodextrins as Drug Delivery Systems. <i>Current Drug Delivery</i> , 2021, 18, 334-349.	1.6	6
24	Design, synthesis, characterization and catechol oxidase activity of novel class of multi-tripodal pyrazole and triazole-based derivatives. <i>Research on Chemical Intermediates</i> , 2020, 46, 1453-1467.	2.7	4
25	New N-Alkylated Heterocyclic Compounds as Prospective NDM1 Inhibitors: Investigation of In Vitro and In Silico Properties. <i>Pharmaceuticals</i> , 2022, 15, 803.	3.8	3
26	Selective Liq-Liq Extraction of Fe(II) and Cd(II) Using N,N'-Pyrazole Bidentate Ligands with Theoretical Study Investigations. <i>Separation Science and Technology</i> , 0, , 150527095459001.	2.5	2