

Karim Chkirate

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

264
citations

1163117

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940533

16
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20
docs citations

20
times ranked

149
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, spectroscopic characterization, crystal structure, DFT, ESI-MS studies, molecular docking and in vitro antibacterial activity of 1,5-benzodiazepin-2-one derivatives. <i>Journal of Molecular Structure</i> , 2022, 1247, 131188.	3.6	8
2	Coordination complexes constructed from pyrazole- α -acetamide and pyrazole- α -quinoxaline: effect of hydrogen bonding on the self-assembly process and antibacterial activity. <i>RSC Advances</i> , 2022, 12, 5324-5339.	3.6	10
3	Corrosion inhibition potential of 2-[(5-methylpyrazol-3-yl)methyl]benzimidazole against carbon steel corrosion in 1M HCl solution: Combining experimental and theoretical studies. <i>Journal of Molecular Liquids</i> , 2021, 321, 114750.	4.9	75
4	Crystal structure, Hirshfeld surface analysis and DFT study of 1-ethyl-3-phenyl-1,2-dihydroquinoxalin-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 18-22.	0.5	3
5	Crystal structure, Hirshfeld surface analysis and density functional theory study of 6-methyl-2-[(5-methylisoxazol-3-yl)methyl]-1 <i>H</i> -benzimidazole. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 396-401.	0.5	3
6	Crystal structure, Hirshfeld surface analysis and DFT study of <i>N</i> -(2-amino-5-methylphenyl)-2-(5-methyl-1 <i>H</i> -pyrazol-3-yl)acetamide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 638-642.	0.5	3
7	Crystal structure, Hirshfeld surface analysis and density functional theory study of benzyl 2-oxo-1-(prop-2-yn-1-yl)-1,2-dihydroquinoline-4-carboxylate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 824-828.	0.5	1
8	Crystal structure, Hirshfeld surface analysis and density functional theory study of 1-nonyl-3-phenylquinoxalin-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 1037-1042.	0.5	2
9	Synthesis, spectroscopic characterization, DFT, molecular docking and in vitro antibacterial potential of novel quinoline derivatives. <i>Journal of Molecular Structure</i> , 2021, 1246, 131217.	3.6	13
10	Solvent induced supramolecular polymorphism in Cu(II) coordination complex built from 1,2,4-triazolo[1,5- <i>a</i>]pyrimidine: Crystal structures and anti-oxidant activity. <i>Journal of Inorganic Biochemistry</i> , 2020, 208, 111092.	3.5	15
11	Co(II) and Zn(II) pyrazolyl-benzimidazole complexes with remarkable antibacterial activity. <i>New Journal of Chemistry</i> , 2020, 44, 2210-2221.	2.8	54
12	Crystal structure, Hirshfeld surface analysis, interaction energy and DFT studies of 4-[(4-allyl-2-methoxyphenoxy)methyl]-1-(4-methoxyphenyl)-1 <i>H</i> -1,2,3-triazole. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 962-966.	0.5	6
13	Novel Co(II) and Cu(II) coordination complexes constructed from pyrazole-acetamide: Effect of hydrogen bonding on the self assembly process and antioxidant activity. <i>Journal of Inorganic Biochemistry</i> , 2019, 191, 21-28.	3.5	39
14	Crystal structure and Hirshfeld surface analysis of a new benzodiazepine derivative: 4-dichloromethyl-2,3-dihydro-1 <i>H</i> -1,5-benzodiazepin-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 33-37.	0.5	7
15	Crystal structure and Hirshfeld surface analysis of <i>N</i> -(2-[(4-methylbenzylidene)amino]phenyl)-2-(5-methyl-1 <i>H</i> -pyrazol-3-yl)acetamide hemihydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 154-158.	0.5	8
16	Crystal structure and Hirshfeld surface analysis of (4 <i>Z</i>)-1-butyl-4-(2-oxopropylidene)-2,3,4,5-tetrahydro-1 <i>H</i> -1,5-benzodiazepin-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 1669-1673.	0.5	7
17	Crystal structure and Hirshfeld surface analysis of 5-methyl-1,2,4-triazolo[1,5- <i>a</i>]pyrimidine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 1833-1837.	0.5	5
18	Dichlorido{2-[(5-methyl-1 <i>H</i> -pyrazol-3-yl) \hat{N} (²)methyl]-1 <i>H</i> -1,3-benzimidazole- \hat{N} (³)}] ₂ LiCrData, 2017, 2, .	0.3	2

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19	trans-Bis(N-{2-[2-(3-methyl-1H-pyrazol-5-yl- \hat{N} 2)acetamido- \hat{N} O]phenyl}benzamide)bis(perchlorato- \hat{N} O)copper(II). IUCrData, 2017, 2, .	0.3	2
20	N-{2-[2-(5-Methyl-1H-pyrazol-3-yl)acetamido]phenyl}benzamide monohydrate. IUCrData, 2017, 2, .	0.3	1