

Chandra

List of Publications by Year in descending order

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36
papers

255
citations

1163117

8
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996975

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times ranked

342
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#	ARTICLE	IF	CITATIONS
1	Microwave assisted synthesis of dihydrobenzo[4,5]imidazo[1,2-a]pyrimidin-4-ones; synthesis, in vitro antimicrobial and anticancer activities of novel coumarin substituted dihydrobenzo[4,5]imidazo[1,2-a]pyrimidin-4-ones. <i>European Journal of Medicinal Chemistry</i> , 2013, 69, 316-322.	5.5	58
2	Synthesis and characterization of novel oxazines and demonstration that they specifically target cyclooxygenase 2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2931-2936.	2.2	40
3	A Nano-MgO and Ionic Liquid-Catalyzed "Green"™ Synthesis Protocol for the Development of Adamantyl-Imidazo-Thiadiazoles as Anti-Tuberculosis Agents Targeting Sterol 14 α -Demethylase (CYP51). <i>PLoS ONE</i> , 2015, 10, e0139798.	2.5	21
4	Synthesis of N ¹ and N ² coumarin substituted 1,2,3-triazole isomers via click chemistry approach. <i>Synthetic Communications</i> , 2016, 46, 433-441.	2.1	20
5	Novel 5-functionalized-pyrazoles: Synthesis, characterization and pharmacological screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 3671-3675.	2.2	18
6	One-Pot Tandem Synthesis of Tetrasubstituted Pyrazoles via 1,3-Dipolar Cycloaddition Between Aryl Hydrazones and Ethyl But-2-ynoate. <i>Synthetic Communications</i> , 2014, 44, 2222-2231.	2.1	14
7	Molecular docking studies of benzimidazopyrimidine and coumarin substituted benzimidazopyrimidine derivatives: As potential human Aurora A kinase inhibitors. <i>Bioinformation</i> , 2014, 10, 288-292.	0.5	10
8	The reaction of arylmethyl isocyanides and arylmethylamines with xanthate esters: a facile and unexpected synthesis of carbamothioates. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 159-167.	2.2	9
9	Molecular docking of 1H-pyrazole derivatives to receptor tyrosine kinase and protein kinase for screening potential inhibitors. <i>Bioinformation</i> , 2014, 10, 413-418.	0.5	8
10	Vibrational spectroscopy investigation using M06-2X and B3LYP methods analysis on the structure of 2-Trifluoromethyl-10H-benzo[4,5]-imidazo[1,2-a]pyrimidin-4-one. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 109-118.	3.9	6
11	Crystal structure, Hirshfeld analysis and HSA interaction studies of N'-[(E)-(5-bromothiophen-2-yl)methylidene]-3-hydroxynaphthalene-2-carbohydrazide. <i>Journal of Molecular Structure</i> , 2019, 1189, 343-351.	3.6	6
12	FT-IR, Laser-Raman spectra and computational analysis of 5-Methyl-3-phenylisoxazole-4-carboxylic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 139, 145-155.	3.9	5
13	Zinc chloride catalyzed multicomponent synthesis of pyrazolopyridocoumarin scaffolds. <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	1.5	5
14	(E)-N ² -Hydroxy-1,3-diphenyl-4,5-dihydro-1H-pyrazole-5-carboximidamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1661-o1662.	0.2	4
15	A simple and efficient synthesis of substituted pyrazoles. <i>Chemistry of Heterocyclic Compounds</i> , 2013, 49, 698-703.	1.2	4
16	Synthesis of Piperidine Conjugated Dihydroquinazolin-4(1H)-ones and their Antiproliferative Activity, Molecular Docking Studies and DFT Calculations. <i>Letters in Drug Design and Discovery</i> , 2019, 17, 85-93.	0.7	4
17	A New Series of 1,3,4-Oxadiazole Linked Quinoliny-Pyrazole/Isoxazole Derivatives: Synthesis and Biological Activity Evaluation. <i>Russian Journal of General Chemistry</i> , 2021, 91, 2257-2266.	0.8	4
18	(Z)-4-Benzylidene-3-methylisoxazol-5(4H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o3091-o3091.	0.2	3

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19	5-Methyl-3-phenylisoxazole-4-carboxylic acid. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o897-o897.	0.2	3
20	3-(4-Methoxyphenyl)-5-methylisoxazole-4-carboxylic acid. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o388-o388.	0.2	3
21	Ethyl 5-methyl-3-phenylisoxazole-4-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o987-o987.	0.2	2
22	2-Trifluoromethyl-10H-benzo[4,5]imidazo[1,2-a]pyrimidin-4-one. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1536-o1536.	0.2	1
23	Synthesis and crystal structure studies of ethyl 5-methyl-1, 3-diphenyl-1H-pyrazole-4-carboxylate. , 2014, , .		1
24	Crystal structure of 2-(4-methylphenyl)-4 <i>H</i> -1,3-benzothiazine. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o74-o74.	0.5	1
25	Crystal structure of 4-azidomethyl-6- <i>tert</i> -butyl-2 <i>H</i> -chromen-2-one. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o218-o219.	0.5	1
26	4-Chloro-2-(5,6-dihydro-benzo[4,5]imidazo[1,2-c]quinazolin-6-yl)-phenol (HL); synthesis, characterization, crystal structure, Hirshfeld surface analysis and BSA binding studies. Journal of Molecular Structure, 2018, 1173, 481-489.	3.6	1
27	Molecular docking and vibrational spectroscopy studies of (E)- <i>N</i> ² -hydroxy-1,3-diphenyl-4,5-dihydro-1H-pyrazole-5-carboximidamide. Journal of Molecular Structure, 2019, 1184, 79-91.	3.6	1
28	<i>N</i> ² -Benzoyl-5-methyl-1,3-diphenyl-1H-pyrazole-4-carbohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1769-o1769.	0.2	1
29	5-Methyl-1,3-diphenyl- <i>N</i> -(5-phenyl-1,3,4-thiadiazol-2-yl)-1H-pyrazole-4-carboxamide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1736-o1736.	0.2	1
30	Ethyl 5-oxo-4-phenyl-5,6-dihydro-4 <i>H</i> -1,3,4-oxadiazine-2-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o661-o661.	0.2	0
31	Synthesis and characterization of stable nitrenium ion complex: 1-hydroxy-3-methyl benzotriazolium trifluoromethane sulfonate. Research on Chemical Intermediates, 2014, 40, 2659-2665.	2.7	0
32	2-(1,3-Benzodioxol-5-yl)-3-phenylquinazolin-4(3 <i>H</i>)-one. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1113-o1113.	0.2	0
33	Crystal structure of 10-[(3-oxo-3 <i>H</i> -benzo[<i>f</i>]chromen-1-yl)methyl]-2-trifluoromethyl-9 <i>a</i> ,10-dihydrobenz[4,5]imidazo[1,2- <i>a</i>]pyrimidin-4(5 <i>H</i>)-one. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o672-o673.	0.5	0
34	Crystal structure of 2-amino- <i>N</i> -(2-fluorophenyl)-4,5,6,7-tetrahydro-1-benzothiophene-3-carboxamide. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o807-o808.	0.5	0
35	5-[(Benzo[<i>d</i>][1,3]dioxol-5-yl)methyl]-3-[4-(pyridin-2-yl)phenyl]-4,5-dihydroisoxazole. IUCrData, 2017, 2, .	0.3	0
36	The crystal structure of (<i>i</i> -RS)-7-chloro-2-(2,5-dimethoxyphenyl)-2,3-dihydroquinazolin-4(<i>H</i>)-one: two hydrogen bonds generate an elegant three-dimensional framework structure. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 843-847.	0.5	0