

Badiadka Narayana

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A study on adsorption behavior of newly synthesized banana pseudo-stem derived superabsorbent hydrogels for cationic and anionic dye removal from effluents. <i>Carbohydrate Polymers</i> , 2018, 181, 605-615.	5.1	118
2	Synthesis of Some New 2-(6-Methoxy-2-Naphthyl)- 5-Aryl-1,3,4-Oxadiazoles as Possible Non-steroidal Anti-inflammatory and Analgesic Agents. <i>Archiv Der Pharmazie</i> , 2005, 338, 373-377.	2.1	57
3	Antimicrobial, analgesic, DPPH scavenging activities and molecular docking study of some 1,3,5-triaryl-2-pyrazolines. <i>Medicinal Chemistry Research</i> , 2012, 21, 2012-2022.	1.1	55
4	Biosynthesis of colloidal silver nanoparticles: Their characterization and potential antibacterial activity. <i>Macromolecular Research</i> , 2016, 24, 684-690.	1.0	34
5	Spectroscopic, single crystal X-ray, Hirshfeld, in vitro and in silico biological evaluation of a new series of potent thiazole nucleus integrated with pyrazoline scaffolds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 174, 254-271.	2.0	28
6	Synthesis and characterization of some chalcones and their cyclohexenone derivatives. <i>Open Chemistry</i> , 2010, 8, 174-181.	1.0	19
7	Synthesis of new indazole derivatives as potential antioxidant agents. <i>Medicinal Chemistry Research</i> , 2014, 23, 2368-2376.	1.1	19
8	A study on the reactions of alkyl 4,6-bis(4-fluorophenyl)-2-oxocyclohex-3-ene-1-carboxylate and in vitro antioxidant activity of derivatives. <i>Medicinal Chemistry Research</i> , 2013, 22, 3002-3011.	1.1	18
9	Design and fabrication of environmentally benign cellulose based hydrogel matrix for selective adsorption of toxic dyes from industrial effluvia. <i>Journal of Polymer Research</i> , 2019, 26, 1.	1.2	17
10	A Comprehensive Review on Recent Developments in the Field of Biological Applications of Potent Pyrazolines Derived from Chalcone Precursors. <i>Letters in Drug Design and Discovery</i> , 2018, 15, 516-574.	0.4	14
11	Ethyl 4,4''-Difluoro-5'-hydroxy-1,1':3',1''-terphenyl-4'-carboxylate. <i>MolBank</i> , 2011, 2011, M745.	0.2	13
12	Synthesis, Characterization, and Biological Evaluation of Some New Functionalized Terphenyl Derivatives. <i>International Journal of Medicinal Chemistry</i> , 2012, 2012, 1-13.	2.2	13
13	Synthesis and Crystal Structures of N-Substituted Pyrazolines. <i>Molecules</i> , 2013, 18, 2386-2396.	1.7	13
14	Design, synthesis, and pharmacological evaluation of new pyrazoline derivatives. <i>Monatshefte für Chemie</i> , 2015, 146, 1015-1024.	0.9	13
15	Tailor made biheterocyclic pyrazoline-thiazolidinones as effective inhibitors of <i>Escherichia coli</i> FabH: Design, synthesis and structural studies. <i>Journal of Molecular Structure</i> , 2019, 1192, 91-104.	1.8	13
16	Conductive <i>In Situ</i> Reduced Graphene Oxide-Silk Fibroin Bionanocomposites. <i>ACS Omega</i> , 2021, 6, 12995-13007.	1.6	13
17	Synthesis, Characterization and Crystal Structures of 3,5-Bis(4-fluorophenyl)-4,5-dihydro-1H-pyrazole-1-carboxamide and 3,5-Bis(4-fluorophenyl)-4,5-dihydro-1H-pyrazole-1-carbothioamide. <i>Crystals</i> , 2012, 2, 1108-1115.	1.0	11
18	Biologically Potent Pyrazoline Derivatives from Versatile (2)-1-(4- Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (Chlorophenyl)-3-[4-(prop 216-227.	0.4	9

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19	4-[Bis(4-fluorophenyl)methyl]piperazin-1-ium picrate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2587-o2588.	0.2	7
20	Pseudosymmetry, polymorphism and weak interactions: 4,4-difluoro-5-hydroxy-1,3,5-terphenyl-4-carboxylic acid and its derivatives. CrystEngComm, 2013, 15, 9893.	0.2	3
21	(2E)-1-(4-Chlorophenyl)-3-[4-(propan-2-yl)phenyl]prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o855-o855.	0.2	7
22	Synthesis, characterization and antimicrobial studies of a few novel thiazole derivatives. Medicinal Chemistry Research, 2014, 23, 259-268.	1.1	7
23	Novel Reagents for the Spectrophotometric Determination of Isoniazid. ISRN Spectroscopy, 2012, 2012, 1-5.	0.9	7
24	(E)-1-(4,4-difluoro-5-methoxy-1,3,5-terphenyl-4-yl)-3-(4-methylphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3181-o3182.	0.2	6
25	Spectrophotometric and spectroscopic studies on charge transfer complexes of the antifungal drug clotrimazole. Journal of Taibah University for Science, 2017, 11, 710-717.	1.1	6
26	(2E)-1-(4,4-difluoro-5-methoxy-1,3,5-terphenyl-4-yl)-3-(4-fluorophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2996-o2997.	0.2	5
27	Halogenated C,N-diarylacetamides: molecular conformations and supramolecular assembly. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 889-894.	0.2	5
28	(E)-1-(4,4-difluoro-5-methoxy-1,3,5-terphenyl-4-yl)-3-phenylprop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3159-o3160.	0.2	5
29	4-[Bis(4-fluorophenyl)methyl]-1-[(2E)-3-phenylprop-2-en-1-yl]piperazin-1-ium 3-carboxypropanoate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o260-o261.	0.2	5
30	(2E)-1-(2,6-Dichloro-3-fluorophenyl)-3-(4-fluorophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o512-o512.	0.2	4
31	Three closely-related cyclohexanols (C ₃₅ H ₂₇ X ₂ N ₃ O ₃ ; X= F, Cl or Br): similar molecular structures but different crystal structures. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 953-959.	0.2	4
32	Indirect Complexometric Determination of Mercury(II) Using Potassium Bromide as Selective Masking Agent. Mikrochimica Acta, 2002, 140, 63-67.	2.5	3
33	Selective Complexometric Determination of Titanium(IV) Using Sodium Potassium Tartrate or Ascorbic Acid as Masking Agent. Mikrochimica Acta, 2003, 141, 29-33.	2.5	3
34	(E)-1-(4,4-difluoro-5-methoxy-1,3,5-terphenyl-4-yl)-3-(4-methoxyphenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3323-o3324.	0.2	3
35	tert-Butyl 1-(Furan-2-yl)-4-oxo-2,3,7-triazaspiro[4.5]dec-1-ene-7-carboxylate. MolBank, 2012, 2012, M757.	0.2	3
36	(2E)-3-[4-(1H-Benzimidazol-2-ylmethoxy)-3-methoxyphenyl]-1-(4,4''-difluoro-5'-methoxy-1,1':3',1''-terphenyl-4'-yl)prop-2-en-1-one. MolBank, 2012, 2012, M764.	0.2	3

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37	2,2â€²-(Disulfanediy)bis[4,6-(4-fluorophenyl)pyrimidine]. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o476-o477.	0.2	3
38	3,5-Bis(4-fluorophenyl)-1-(4-nitrophenyl)-4,5-dihydro-1H-pyrazole. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3216-o3217.	0.2	3
39	3-Chloro-4-fluoroanilinium picrate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o240-o240.	0.2	3
40	(2E)-3-(6-Methoxynaphthalen-2-yl)-1-(pyridin-3-yl)prop-2-en-1-one and its cyclocondensation product with guanidine, (4RS)-2-amino-4-(6-methoxynaphthalen-2-yl)-6-(pyridin-3-yl)-3,4-dihydropyrimidine monohydrate: two types of hydrogen-bonded sheet. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 1011-1016.	0.2	3
41	Synthesis, Crystal Structure, and Characterization of 2-Phenyl- <i>N</i> -(pyrazin-2-yl)Acetamide. Molecular Crystals and Liquid Crystals, 2014, 592, 199-208.	0.4	3
42	A chalcone showing positional disorder, two related diarylcyclohexenones showing enantiomeric disorder and a related hydroxyterphenyl, all derived from simple carbonyl precursors. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 610-617.	0.2	3
43	(E)-1-(4,4â€²-Difluoro-5â€²-methoxy-1,1â€²:3â€²,1â€²â€²-terphenyl-4â€²-yl)-3-(4-nitrophenyl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3179-o3180.	0.2	3
44	Synthesis of 4-, 5-, 6- and 7-nitroindole-2-methanols and 4-, 5-, 6- and 7-nitroindole-2-carbaldehydes. Journal of Chemical Research, 2006, 2006, 309-311.	0.6	2
45	N-(3,4-Dimethoxyphenyl)-4-oxo-2,3,7-triazaspiro[4.5]dec-1-ene-1-carboxamide Hydrochloride. MolBank, 2012, 2012, M769.	0.2	2
46	Synthesis and Crystal Structures of Four New Dihydropyridine Derivatives. Journal of Chemical Crystallography, 2013, 43, 429-442.	0.5	2
47	Redetermination of the crystal structure of N-acetyl glycine (2-acetamidoacetic acid), C ₄ H ₇ NO ₃ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2013, 228, 245-246.	0.1	2
48	Synthesis, Characterization, Crystal Structure, and Thermal Analysis of 4-[(3-acetylphenyl)amino]-2-methylidene-4-oxobutanoic Acid. Molecular Crystals and Liquid Crystals, 2014, 592, 249-258.	0.4	2
49	Crystal structures of two C,N-disubstituted acetamides: 2-(4-chlorophenyl)- <i>N</i> -(2-iodophenyl)acetamide and 2-(4-chlorophenyl)- <i>N</i> -(pyrazin-2-yl)acetamide. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1270-1275.	0.2	2
50	A Study on Identification of Nutraceutical Value of New Imidazolone Schiff Base Analogues. Letters in Drug Design and Discovery, 2017, 14, .	0.4	2
51	Molecular Docking of 4-ethoxychalcones on Oxidoreductase/Pirin Inhibitors and Cytotoxic Evaluation on Breast/Skin Cancer Cell Lines. Letters in Drug Design and Discovery, 2020, 17, 1245-1260.	0.4	2
52	Design, Synthesis, Docking and Computational Pharmacokinetic Profiling of New Pyrazolinyl Thiazolinone Biheterocycles as Potent Antimicrobial Agents. Letters in Drug Design and Discovery, 2020, 17, 1342-1354.	0.4	2
53	Indirect Complexometric Determination of Thorium(IV) Using Sodium Fluoride as Masking Agent. Mikrochimica Acta, 2002, 140, 77-79.	2.5	1
54	A Simple Sensitive Spectrophotometric Method for the Determination of Ce 4+ Using Variamine Blue as a Chromogenic Reagent. Mikrochimica Acta, 2004, 144, 291-295.	2.5	1

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55	(E)-3-(2-Chlorophenyl)-1-(4,4-difluoro-5-methoxy-1,1,3-terphenyl-4-yl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1538-o1539.	0.2	1
56	(2E)-3-(4-Bromophenyl)-1-(4,4-difluoro-5-methoxy-1,1,3-terphenyl-4-yl)prop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3433-o3434.	0.2	1
57	Crystal structure of (2E)-3-(biphenyl-4-yl)-1-(4,4-difluoro-5-methoxy-) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Structures, 2013, 228, 147-149.	0.1	1
58	Different patterns of supramolecular assembly in constitutionally similar 6-arylimidazo[2,1-b][1,3,4]thiadiazoles. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 920-926.	0.2	1
59	Hydrogen-bonded chains in 3,5-bis(4-fluorophenyl)-1-phenyl-1H-pyrazole and complex hydrogen-bonded sheets in (5R,6S)-6-(4-fluorobenzoyl)-5-(4-fluorophenyl)-2-(4-hydroxyphenyl)-5,6-dihydro-4H-1,3,4-oxadiazine-N ₁ ,N ₃ monosolvate. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 867-871.	0.2	1
60	Dihydrooxazolones and dihydroimidazolones derived from acylglycines: syntheses, molecular structures and supramolecular assembly. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 742-751.	0.2	1
61	Validated spectrophotometric methods for the determination of bifonazole in pharmaceuticals by charge transfer complexation. Journal of the Association of Arab Universities for Basic and Applied Sciences, 2016, 19, 8-14.	1.0	1
62	N-(4-Nitrophenyl)-2-[2-[3-(4-chlorophenyl)-5-[4-(propan-2-yl)phenyl]-4,5-dihydro-1H-pyrazol-1-yl]-4-oxo-4,5-dihydro-1,3-thiazol-5-yl]acetic acid. MolBank, 2017, 2017, M943.	0.2	1
63	2-[[4-(4-Hydroxy-3,5-dimethoxyphenyl)methylidene]hydrazinylidene]-4-oxo-1,3-thiazolidin-5-yl Acetic Acid. MolBank, 2018, 2018, M1009.	0.2	1
64	Crystal structure, Hirshfeld surfaces and biological studies of 4, 5-dihydro-1,3,4-oxadiazole-2-thiones. Chemical Data Collections, 2019, 19, 100179.	1.1	1
65	4-[5-(3,5-Difluorophenyl)furan-2-yl]-2,3,7-triazaspiro[4.5]dec-3-en-1-one Hydrochloride. MolBank, 2012, 2012, M773.	0.2	0
66	3-(4-Fluorophenyl)-N-[4-(4-furan-2-yl-1-oxo-2,3,7-triazaspiro[4.5]dec-3-en-2-yl)phenyl]propionamide Hydrochloride. MolBank, 2012, 2012, M771.	0.2	0
67	4-Methoxy-4-methyl-6-phenyl-1,3-diazinane-2-thione. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3271-o3271.	0.2	0
68	(2E)-1-(2,6-Dichloro-3-fluorophenyl)-3-phenylprop-2-en-1-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1085-o1085.	0.2	0
69	4-[(1E)-3-(2,6-Dichloro-3-fluorophenyl)-3-oxoprop-1-en-1-yl]benzotrile. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1413-o1413.	0.2	0
70	Crystal and Molecular Structure Studies of Ethyl 4-(4-Hydroxyphenyl)-6-(6-methoxy-2-naphthyl)-2-oxocyclohex-3-ene-1-carboxylate and Ethyl 4-(3-Bromophenyl)-6-(6-methoxy-2-naphthyl)-2-oxocyclohex-3-ene-1-carboxylate. Crystals, 2012, 2, 1239-1247.	1.0	0
71	2-[[5-(Diphenylmethyl)-1,3,4-oxadiazol-2-yl]sulfanyl]-N-(pyrazin-2-yl)acetamide. MolBank, 2013, 2013, M800.	0.2	0
72	2'-[(4-Fluorophenyl)carbonyl]-1'-phenyl-1',2',5',6',7',7a'-hexahydrospiro[indole-3,3'-pyrrolizin]-2(1H)-one. MolBank, 2013, 2013, M802.	0.2	0

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73	Redetermination of the structure of 3-methyl-1,5-diphenyl-4,5-dihydro-1H-pyrazole, C ₁₆ H ₁₆ N ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2013, 228, 207-208.	0.1	0
74	Redetermination of the structure of 4-(bromomethyl)-[1,1'-biphenyl]-2-carbonitrile, C ₁₄ H ₁₀ BrN. Zeitschrift Fur Kristallographie - New Crystal Structures, 2013, 228, 203-204.	0.1	0
75	Different molecular conformations co-exist in each of three 2-aryl-N-(1,5-dimethyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazol-4-yl)acetamides: hydrogen bonding in zero, one and two dimensions. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 664-669.	0.2	0
76	Crystal structure of (RS)-(4-chlorophenyl)(pyridin-2-yl)methanol. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 69-72.	0.2	0
77	Crystal structure and molecular docking studies of 1,2,4,5-tetraaryl substituted imidazoles. Heterocyclic Communications, 2018, 24, 205-210.	0.6	0
78	1-[5-(4-Ethoxyphenyl)-3-(naphthalen-1-yl)-4,5-dihydro-1H-pyrazol-1-yl]ethan-1-one. MolBank, 2018, 2018, M1000.	0.2	0
79	(Z)-4-[2-(3,4-Difluorophenyl)hydrazono]-3-methyl-1H-pyrazol-5(4H)-one. MolBank, 2018, 2018, M989.	0.2	0
80	Crystal structure of (2E)-3-(4-benzyloxyphenyl)-1-(4,4-difluoro-5-(methoxy-1H-pyrazol-4-yl)phenyl)propan-2-one. Acta Crystallographica Section C: Crystal Structures, 2013, 228, 144-146.	0.1	0
81	Crystal structure of 5-(4-methoxyphenyl)-3-(4-methylphenyl)-4,5-dihydro-1H-pyrazole-1-carbaldehyde. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o1093-o1094.	0.2	0
82	Crystal structure of 2-benzoylamino-N-(4-hydroxybenzylidene)-3-(thiophen-2-yl)prop-2-enohydrazide. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1099-1102.	0.2	0