

Mahantesh M Basanagouda

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41
papers

536
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12
h-index

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45
ext. papers

601
ext. citations

2.8
avg, IF

3.74
L-index

#	Paper	IF	Citations
41	Synthesis and antimicrobial studies on novel sulfonamides containing 4-azidomethyl coumarin. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 1151-7	6.8	123
40	Synthesis, structure-activity relationship of iodinated-4-aryloxymethyl-coumarins as potential anti-cancer and anti-mycobacterial agents. <i>European Journal of Medicinal Chemistry</i> , 2014 , 74, 225-33	6.8	97
39	Synthesis of some new 4-aryloxymethylcoumarins and examination of their antibacterial and antifungal activities. <i>Journal of Chemical Sciences</i> , 2009 , 121, 485-495	1.8	46
38	Spectroscopic (FT-IR, FT-Raman, NMR and UV-Vis), ELF, LOL, NBO, and Fukui function investigations on (5-bromo-benzofuran-3-yl)-acetic acid hydrazide (5BBAH): Experimental and theoretical approach. <i>Journal of Molecular Structure</i> , 2019 , 1196, 280-290	3.4	29
37	Solvatochromic studies of biologically active iodinated 4-aryloxymethyl coumarins and estimation of dipole moments. <i>Journal of Molecular Liquids</i> , 2015 , 202, 9-16	6	29
36	Novel One-Pot Synthesis for 2,5-Diaryl and 5-Aryl-pyridazin-3(2H)-ones. <i>Synthetic Communications</i> , 2011 , 41, 2569-2582	1.7	20
35	Solvent Effects on the Electronic Absorption and Fluorescence Spectra of HNP: Estimation of Ground and Excited State Dipole Moments. <i>Journal of Fluorescence</i> , 2016 , 26, 1391-400	2.4	15
34	Spectroscopic investigations on the interaction of biologically active 4-aryloxymethyl coumarins with TiO ₂ nanoparticles. <i>Journal of Molecular Liquids</i> , 2016 , 222, 601-608	6	14
33	Benzofuran-oxadiazole hybrids: Design, synthesis, antitubercular activity and molecular docking studies. <i>Chemical Data Collections</i> , 2019 , 19, 100178	2.1	14
32	Efficient and Convenient Method for Synthesis of Benzofuran-3-acetic Acids and Naphthafuran-acetic Acids. <i>Synthetic Communications</i> , 2015 , 45, 2195-2202	1.7	12
31	Influence of silver nanoparticles on spectroscopic properties of biologically active iodinated 4-aryloxymethyl coumarin dyes. <i>Journal of Luminescence</i> , 2016 , 172, 139-146	3.8	12
30	Mild, Simple, and Efficient Method for N-Formylation of Secondary Amines via Reimer-Tiemann Reaction. <i>Synthetic Communications</i> , 2011 , 41, 476-484	1.7	12
29	Spectroscopic interactions of titanium dioxide nanoparticles with pharmacologically active 3(2H)-pyridazinone derivative. <i>Journal of Molecular Liquids</i> , 2017 , 233, 166-172	6	11
28	Quantum chemical computational and spectroscopic (IR, Raman, NMR, and UV) studies on the 5-(5-methoxy-benzofuran-3-ylmethyl)-3H-[1, 3, 4] oxadiazole-2-thione. <i>Journal of Molecular Structure</i> , 2020 , 1210, 128041	3.4	11
27	Photophysical characteristics of biologically active 4-aryloxymethyl coumarins 4PTMBC and 1IPMBC. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 136 Pt C, 1475-83	4.4	10
26	Investigation of role of silver nanoparticles on spectroscopic properties of biologically active coumarin dyes 4PTMBC and 1IPMBC. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 150, 350-9	4.4	9
25	Spectroscopic studies on newly synthesized 5-(2-hydroxy-5-methoxy-phenyl)-2-phenyl-2H-pyridazin-3-one molecule. <i>Journal of Molecular Liquids</i> , 2017 , 225, 613-620	6	8

24	Structural, spectroscopic and computational investigations on (4,6-dimethyl-benzofuran-3-yl)-acetic acid hydrazide. <i>Journal of Molecular Structure</i> , 2020 , 1220, 128748	3.4	7
23	Investigations of structural, vibrational and electronic properties on 5-(6-methyl-benzofuran-3-ylmethyl)-3H-[1,3,4]oxadiazole-2-thione: Experimental and computational approach. <i>Chemical Data Collections</i> , 2020 , 28, 100410	2.1	7
22	Effect of solvent polarity on the fluorescence quenching of TMC molecule by aniline in benzene-acetonitrile mixtures. <i>Canadian Journal of Physics</i> , 2016 , 94, 1125-1132	1.1	5
21	Analysis of Fluorescence Quenching for Newly Synthesized Biologically Active 3(2H)-pyridazinone Derivative by Aniline. <i>Journal of Fluorescence</i> , 2017 , 27, 1839-1846	2.4	4
20	Synthesis, antimicrobial and DNA cleavage studies of some 4-aryloxymethylcoumarins obtained by reaction of 4-bromomethylcoumarins with bidentate nucleophiles. <i>Medicinal Chemistry Research</i> , 2012 , 21, 2603-2614	2.2	4
19	4-Azido-methyl-7-methyl-2-oxo-2H-chromene-6-sulfonyl azide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2780		4
18	Effect of TiO nanoparticles on some photophysical characteristics of ketocyanine dyes. <i>Luminescence</i> , 2017 , 32, 1283-1288	2.5	3
17	Effect of Plasmonic Silver Nanoparticles Size on Photophysical Characteristics of 4-Aryloxymethyl Coumarins. <i>Plasmonics</i> , 2018 , 13, 315-325	2.4	3
16	4-Bromo-methyl-6-meth-oxy-2H-chromen-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o2906		3
15	Crystal Structure of 5,6-Benzo-4-[(4-methyl)phenoxyethyl]coumarin. <i>X-ray Structure Analysis Online</i> , 2009 , 25, 53-54	0.2	3
14	New, Efficient, Selective, and One-Pot Method for Acylation of Amines. <i>Synthetic Communications</i> , 2008 , 38, 2929-2940	1.7	3
13	2-(5-Methyl-1-benzofuran-3-yl)acetic acid. <i>IUCrData</i> , 2016 , 1,	0.7	3
12	Synthesis and Preliminary Evaluation of Benzofuran-Oxadiazole Conjugates as Potential Antitubercular Agents. <i>Asian Journal of Chemistry</i> , 2019 , 31, 965-970	0.4	2
11	Synthetic and Structural Studies on Novel 4,3?-Bicoumarins. <i>Synthetic Communications</i> , 2015 , 45, 2043-2052		2
10	Study of Photophysical Properties on Newly Synthesized Coumarin Derivatives. <i>Journal of Fluorescence</i> , 2017 , 27, 2223-2229	2.4	2
9	2-(4,6-Dimethyl-1-benzofuran-3-yl)acetic acid. <i>IUCrData</i> , 2016 , 1,	0.7	2
8	Crystal structure of 2-(5-meth-oxy-1-benzo-furan-3-yl)acetic acid. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o1053-4	0.7	2
7	Influence of concentrations of TiO ₂ nanoparticles on spectroscopic properties of a novel HMPP molecule. <i>Journal of Molecular Liquids</i> , 2019 , 273, 83-87	6	2

6	Study of Fluorescence Quenching on Novel Coumarin Derivatives by Aniline in Different Solvents. <i>Journal of Solution Chemistry</i> , 2017 , 46, 1328-1336	1.8	1
5	4-Bromo-methyl-7,8-dimethyl-coumarin. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010 , 66, o3352		1
4	Photophysical Properties of a Novel and Biologically Active 3(2H)-Pyridazinone Derivative Using Solvatochromic Approach. <i>Journal of Fluorescence</i> , 2017 , 27, 1793-1800	2.4	1
3	Estimation of Photophysical and Electrochemical Parameters of Bioactive Thiadiazole Derivative. <i>Journal of Fluorescence</i> , 2020 , 30, 741-750	2.4	0
2	6-Chloro-4-(4-methyl-phen-oxy-meth-yl)-2H-chromen-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011 , 67, o1650		
1	Cuomarin-6-sulfonamides May be Useful Photoaffinity-labeling Reagents for Analyzing the Kinetics of Drug Transport and ATP Hydrolysis in ABC Multidrug Transporters. <i>FASEB Journal</i> , 2011 , 25, 932.7	0.9	