

Ravindra R Kamble

List of Publications by Year in descending order

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95
papers

1,229
citations

394421

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all docs

107
docs citations

107
times ranked

1356
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and antimicrobial studies of novel methylene bridged benzisoxazolyl imidazo[2,1-b][1,3,4]thiadiazole derivatives. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 2828-2833.	5.5	94
2	One-pot synthesis of pyrazoline derivatised carbazoles as antitubercular, anticancer agents, their DNA cleavage and antioxidant activities. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4366-4373.	5.5	78
3	Expedient synthesis of benzimidazoles using amides. <i>RSC Advances</i> , 2015, 5, 29447-29455.	3.6	48
4	An efficient one-pot cyclization of quinoline thiosemicarbazones to quinolines derivatized with 1,3,4-thiadiazole as anticancer and anti-tubercular agents. <i>Medicinal Chemistry Research</i> , 2012, 21, 185-191.	2.4	47
5	Tetrazolymethyl quinolines: Design, docking studies, synthesis, anticancer and antifungal analyses. <i>European Journal of Medicinal Chemistry</i> , 2017, 128, 258-273.	5.5	41
6	Synthesis, characterization and in vitro anticancer evaluation of novel 1,2,4-triazolin-3-one derivatives. <i>European Journal of Medicinal Chemistry</i> , 2013, 62, 232-240.	5.5	40
7	<i>Polymer Synthesis and Processing.</i> , 2014, , 1-31.		38
8	Mechanical, optical and antioxidant properties of 7-Hydroxy-4-methyl coumarin doped polyvinyl alcohol/oxidized maize starch blend films. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	33
9	Analysis of Antibody and Cytokine Markers for Leprosy Nerve Damage and Reactions in the INFIR Cohort in India. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e977.	3.0	31
10	Microwave assisted regioselective synthesis of quinoline appended triazoles as potent anti-tubercular and antifungal agents via copper (I) catalyzed cycloaddition. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 41, 127984.	2.2	31
11	Facile synthesis of novel quinoline derivatives as anticancer agents. <i>Medicinal Chemistry Research</i> , 2014, 23, 2727-2735.	2.4	27
12	Solving the trade-off phenomenon in separation of water-dioxan mixtures by pervaporation through crosslinked sodium alginate membranes with polystyrene sulfonic acid-co-maleic acid. <i>Chemical Engineering Science</i> , 2013, 94, 84-92.	3.8	24
13	Design, Docking, and Synthesis of Quinoline-1,2,4-triazole-5-ones as Potent Anticancer and Antitubercular Agents. <i>ChemistrySelect</i> , 2018, 3, 2004-2016.	1.5	22
14	5-(1-Aryl-3-(thiophen-2-yl)-1H-pyrazol-4-yl)-1H-tetrazoles: Synthesis, structural characterization, Hirshfeld analysis, anti-inflammatory and anti-bacterial studies. <i>Journal of Molecular Structure</i> , 2018, 1160, 63-72.	3.6	22
15	An expeditious green synthesis of Schiff bases and azetidinones derivatised with 1,2,4-triazoles. <i>Journal of Chemical Sciences</i> , 2011, 123, 657-666.	1.5	21
16	Effect of TiO ₂ nanoparticles on newly synthesized phenothiazine derivative-CPTA dye and its applications as dye sensitized solar cell. <i>Journal of Molecular Liquids</i> , 2017, 244, 97-102.	4.9	21
17	Microwave Expedited Green Synthesis, Photophysical, Computational Studies of Coumarin-thiazole-1,2,4-triazolin-5-ones and Their Anticancer Activity. <i>ChemistrySelect</i> , 2018, 3, 4448-4462.		21
18	WELPSA: A natural catalyst of alkali and alkaline earth metals for the facile synthesis of tetrahydrobenzo[b]pyrans and pyrano[2,3-d]pyrimidinones as inhibitors of SARS-CoV-2. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6469.	3.5	21

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19	Synthesis of novel imidazo[2,1-b][1,3,4]thiadiazoles appended to sydnone as anticancer agents. <i>Medicinal Chemistry Research</i> , 2013, 22, 4367-4375.	2.4	20
20	Click chemistry based regioselective one-pot synthesis of coumarin-3-yl-methyl-1,2,3-triazolyl-1,2,4-triazol-3-one (4H) as newer potent antitubercular agents. <i>Archiv Der Pharmazie</i> , 2019, 352, e1900013.	4.4	20
21	Green synthesis of therapeutically active 1,3,4-oxadiazoles as antioxidants, selective COX-2 inhibitors and their in silico studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 43, 128112.	2.2	20
22	Synthesis, X-ray characterization, DFT studies and Hirshfeld surface analysis of new organic single crystal: 2-(4-Methoxyphenyl)-4-[[2'-(1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-2,4-dihydro-3H-1,2,4-triazol-3-one (MTBT). <i>Journal of Molecular Structure</i> , 2019, 1179, 809-819.	3.6	19
23	Design, synthesis and pharmacological analysis of 5-[4-(substituted-methyl)[1,1'-biphenyl]-2-yl]-1H-tetrazoles. <i>Archives of Pharmacal Research</i> , 2017, 40, 444-457.	6.3	18
24	C ₅ -alkyl-1,3,4-oxadiazol-2-ones Undergo Dealkylation upon Nitrogen Insertion to Form 2-H-1,2,4-triazol-3-ones: Synthesis of 1,2,4-triazol-3-one Hybrids with Triazolothiadiazoles and Triazolothiadiazines. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 2258-2265.	2.6	17
25	Synthesis, spectral characterization and antithaemostatic activity of 1,2,4-triazoles incorporating 1,2,4-triazine rings. <i>Journal of Chemical Sciences</i> , 2006, 118, 191-194.	1.5	16
26	Synthesis of Sydnone Substituted Biginelli Derivatives as Hyaluronidase Inhibitors. <i>Archiv Der Pharmazie</i> , 2013, 346, 645-653.	4.1	15
27	Synthesis of 3-aryl-4-([2-(4-(6-substituted-coumarin-3-yl)-1,3-thiazol-2-yl]hydrazinylidene)methyl/ethyl)-sydnones using silica sulfuric acid and their antidiabetic, DNA cleavage activity. <i>Arabian Journal of Chemistry</i> , 2016, 9, S306-S312.	4.9	15
28	Synthesis and antimicrobial and anticancer activity of new of imidazo[2,1-b][1,3,4]thiadiazoles. <i>Pharmaceutical Chemistry Journal</i> , 2011, 45, 313.	0.8	14
29	Synthesis, Photophysical and Computational Study of Novel Coumarin-based Organic Dyes. <i>Photochemistry and Photobiology</i> , 2018, 94, 261-276.	2.5	14
30	Synthesis of metal free organic dyes: Experimental and theoretical approach to sensitize one-dimensional cadmium sulphide nanowires for solar cell application. <i>Journal of Molecular Liquids</i> , 2021, 336, 116862.	4.9	14
31	Microwave facilitated one-pot three component synthesis of coumarin-benzoxazole clubbed 1,2,3-triazoles: Antimicrobial evaluation, molecular docking and in silico ADME studies. <i>Synthetic Communications</i> , 2021, 51, 3460-3472.	2.1	14
32	Novel 5-aryl-1-pyrazol-3-yl-1H-tetrazoles as glycogen phosphorylase inhibitors: An in vivo antihyperglycemic activity study. <i>Drug Development Research</i> , 2020, 81, 70-84.	2.9	13
33	Synthesis and Pharmacological Evaluation of 1,5-Benzothiazepine Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008, 183, 1691-1709.	1.6	12
34	Synthesis and Evaluation of Benzophenone Oximes Derivatized with Sydnone as Inhibitors of Secretory Phospholipase A2 with Anti-inflammatory Activity. <i>Chemical and Pharmaceutical Bulletin</i> , 2009, 57, 16-21.	1.3	11
35	An efficient synthesis, X-ray and spectral characterization of biphenyl derivatives. <i>Journal of Chemical Sciences</i> , 2011, 123, 393-401.	1.5	11
36	Facile syntheses of Mannich bases of 3-[p-(5'-aryl-pyrazolin-3'-yl)]-phenylsydnones, as anti-tubercular and anti-microbial agents, under ionic liquid/TBAB catalytic conditions. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 1069-1079.	0.8	11

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37	Synthetic utility of sydnones: synthesis of pyrazolines derivatized with 1,2,4-triazoles as antihyperglycemic, antioxidant agents and their DNA cleavage study. <i>Medicinal Chemistry Research</i> , 2012, 21, 3709-3719.	2.4	11
38	Synthesis of novel 2-(3-aryl-sydnone-4-ylidene)-5-substituted-[1,3,4]-thiadiazolylamines and [1,3,4]-thiadiazol-2-yl-3-oxo-[1,2,4]-triazoles as antimicrobial agents. <i>Medicinal Chemistry Research</i> , 2012, 21, 867-873.	2.4	11
39	Design, synthesis, docking and <i>in vitro</i> antifungal study of 1,2,4-triazole hybrids of 2-(aryloxy)quinolines. <i>Heterocyclic Communications</i> , 2017, 23, 317-324.	1.2	11
40	Photophysical, Electrochemical Studies of Novel Pyrazolo[4,3-c]dihydroquinazolin-4(1H)-ones and Their Anticancer Activity. <i>ChemistrySelect</i> , 2017, 2, 6882-6890.	1.5	11
41	Development of zeolite-A incorporated PVA/CS nanofibrous composite membranes using the electrospinning technique for pervaporation dehydration of water/tert-butanol. <i>New Journal of Chemistry</i> , 2021, 45, 3981-3996.	2.8	11
42	Synthetic utility of sydnones to couple pharmacologically important heterocycles for antitubercular activity. <i>Arabian Journal of Chemistry</i> , 2014, 7, 900-905.	4.9	10
43	Benzils: A Review on their Synthesis. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	2.7	10
44	Pyridine-catalyzed synthesis of quinoxalines as anticancer and anti-tubercular agents. <i>Medicinal Chemistry Research</i> , 2016, 25, 1163-1174.	2.4	9
45	Spectroscopic investigations of interaction between TiO ₂ and newly synthesized phenothiazine derivative-PTA dye and its role as photo-sensitizer. <i>Journal of Luminescence</i> , 2018, 198, 117-123.	3.1	9
46	L-proline catalyzed multicomponent domino reaction in polyethyleneglycol-400 for regioselective synthesis of pyrazolyl-tetrahydroindazolones under microwave irradiation. <i>Synthetic Communications</i> , 2019, 49, 2005-2016.	2.1	9
47	Serendipitous Formation of 2H-Pyrazolo[3,4-d]pyridazin-7(6H)-ones from 3-Arylsydnones. <i>ACS Omega</i> , 2019, 4, 4955-4962.	3.5	8
48	Triazolothiadizepinylquinolines as potential MetAP-2 and NMT inhibitors: Microwave-assisted synthesis, pharmacological evaluation and molecular docking studies. <i>Journal of Molecular Structure</i> , 2020, 1203, 127445.	3.6	8
49	Pyridine enhances the efficiency of 1D-CdS nanowire solar cells fabricated using novel organic dyes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 640, 128500.	4.7	8
50	Chitosan-ZnO: An Efficient and Recyclable Polymer Incorporated Hybrid Nanocatalyst to Synthesize Tetrahydrobenzo[<i>b</i>]pyrans and Pyrano[2,3- <i>d</i>]pyrimidinones under Microwave Expedition. <i>ChemistrySelect</i> , 2022, 7, .	1.5	8
51	An efficient synthesis of pharmacologically active derivatives of 1,3,4-oxadiazoles. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 345-352.	2.6	7
52	3/4-phenylene bisheterocycles from ring transformation reaction of sydnone derivatives: Synthesis of 3-[3/4-heterocycl]phenyl-5-methyl-3H-[1,3,4]-oxadiazol-2-ones from 3/4-acetylphenylsydnones and their biological properties. <i>Heteroatom Chemistry</i> , 2007, 18, 50-54.	0.7	7
53	Development of novel crosslinkable polymers for second-order nonlinear optical devices. <i>Synthetic Metals</i> , 2011, 161, 1787-1799.	3.9	7
54	Synthesis of biphenyl derivatives as ACE and α -amylase inhibitors. <i>Medicinal Chemistry Research</i> , 2013, 22, 5868-5877.	2.4	7

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55	Design and Microwave Assisted Synthesis of Coumarin Derivatives as PDE Inhibitors. International Journal of Medicinal Chemistry, 2016, 2016, 1-16.	2.2	7
56	One-pot multicomponent synthesis of novel thiazol-2-imines <i>via</i> microwave irradiation and their antifungal evaluation. Synthetic Communications, 2018, 48, 2061-2073.	2.1	7
57	Detailed analytical studies of 1,2,4-triazole derivatized quinoline. European Journal of Chemistry, 2019, 10, 281-294.	0.6	7
58	Cu microcrystals garnished with copper nanoparticles catalyzed one-pot facile synthesis of novel 1,2,3-triazoles via click chemistry as antifungal agents. Applied Organometallic Chemistry, 2022, 36, .	3.5	7
59	Green Synthesis of Novel Triazolothiadiazine-Coumarins Catalyzed by Agro Waste Extract: An Approach towards In-Silico and In-Vitro Anti-Fungal Activity. ChemistrySelect, 2022, 7, .	1.5	7
60	Zinc Triflate Catalyzed Facile Synthesis of Novel 1,2,4-triazolinone Derivatives Using 3-arylsydnone as Syntho. Letters in Organic Chemistry, 2013, 10, 510-517.	0.5	6
61	Cu (I TM) catalyzed A³ cascade coupling via C-H functionalization followed by cyclization: Synthesis, in silico, in vitro, and toxicity studies of imidazo[2,1-b]thiazoles. Applied Organometallic Chemistry, 2022, 36, .	3.5	6
62	A Rapid and Convenient Synthetic Route to Novel 1,5-Benzodiazepine Derivatives of 5-Methyl-3-phenyl-2-oxo-1,4,3,4-oxadiazolines from Acetylphenylsydnone and Their Pharmacological Activity. Chinese Journal of Chemistry, 2006, 24, 79-84.	4.9	5
63	Facile Synthesis of Pyrazoline Derivatized Amides via Sydnone Ring Cleavage. Journal of Heterocyclic Chemistry, 2014, 51, E323.	2.6	5
64	TiCl ₄ : An efficient catalyst for one-pot synthesis of 1,2-dihydro-1-aryl-naphtho-[1,2-e][1,3]oxazin-3-one derivatives and their drug score analysis. Arabian Journal of Chemistry, 2017, 10, S1760-S1764.	4.9	5
65	An efficient synthesis of novel 3 TM -substituted 2-aryl-5-methyl-5-thioxo-[4,4'-bi-4H-1,2,4-triazol]-3(1'H), Tj ETQq1 1 0.784314 rgBT MO	0.8	5
66	An expeditious synthesis of 1,2,4-triazolinones appended to 1,3-thiazoles using zinc triflate as catalyst. Main Group Chemistry, 2011, 10, 165-175.	0.8	4
67	Facile TiCl ₄ -catalyzed synthesis of novel 1,2,4-triazoles appended to thiazoles. Chemistry of Heterocyclic Compounds, 2011, 47, 877-885.	1.2	4
68	Synthesis of Novel 1,2,4-Triazole Derivatives as Antimicrobial Agents via the Japp-Klingemann Reaction: Investigation of Antimicrobial Activities. Journal of Chemistry, 2013, 2013, 1-9.	1.9	4
69	(E)- Nâ€² -(4-nitrobenzylidene)-2-(1-(4-methoxyphenyl)-5-oxo-1 H -1,2,4-triazol-4(5 H)-yl)acetohydrazide: Synthesis, crystal structure, DFT and Hirshfeld surface analysis. Chemical Data Collections, 2018, 13-14, 126-138.	2.3	4
70	SCXRD, DFT and molecular docking based structural analyses towards novel 3-piperazin-1-yl-benzo[d]isothiazole and 3-piperidin-4-yl-benzo[d]isoxazoles appended to quinoline as pharmacological agents. Journal of Molecular Structure, 2022, 1248, 131442.	3.6	4
71	Microwave Assisted Synthesis of Quinoline Fused Benzodiazepines as Anxiolytic and Antimicrobial Agents. Asian Journal of Chemistry, 2021, 33, 1107-1114.	0.3	4
72	Expeditious synthesis of 1,3,4-oxadiazole derivatives via sydnones. Journal of the Serbian Chemical Society, 2008, 73, 131-138.	0.8	3

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73	Synthesis, anti-proliferative and genotoxicity studies of 6-chloro-5-(2-substituted-ethyl)-1,3-dihydro-2H-indol-2-ones and 6-chloro-5-(2-chloroethyl)-3-(alkyl/ary-2-ylidene)indolin-2-ones. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 221-231.	5.5	3
74	Microwave-Assisted Synthesis of Novel Symmetric Bis(1,2,4-triazolin-3-ones) as Potent Inhibitors of CYP51: An Antifungal Activity Study. <i>ChemistrySelect</i> , 2018, 3, 8529-8538.	1.5	3
75	Synthesis, Docking, and Pharmacological Evaluation of Derivatives of β -Aminoketones Appended to Sydnone as Potent Antitubercular and Antifungal Scaffolds. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 2430-2441.	2.6	3
76	Mannich Bases of 1,2,4-Triazolones as Potent Anti-Tubercular and Antifungal Agents. <i>ChemistrySelect</i> , 2019, 4, 2881-2885.	1.5	3
77	Quinoline Derivative Enhances Human Sperm Motility and Improves the Functional Competence. <i>Reproductive Sciences</i> , 2021, 28, 1316-1332.	2.5	3
78	Ceric Ammonium Nitrate Catalysed Stereoselective Synthesis of β -Aminoketones Using 3-Aryl-4-Formylsydnone. <i>Letters in Organic Chemistry</i> , 2014, 11, 244-249.	0.5	3
79	Design and Synthesis of β -Form of β -Nitrophenylacrylonitrile Substituted Triphenylamine Chromophores; Photophysical, Electrochemical Properties, DFT and Thermal Studies. <i>ChemistrySelect</i> , 2021, 6, 12811-12819.	1.5	3
80	L-proline catalyzed ring transformation of 5-substituted tetrazole to 1,3,4-oxadiazoles as anti-tubercular agents. <i>Synthetic Communications</i> , 0, , 1-17.	2.1	3
81	Stability of human immunodeficiency virus antibodies in filter paper-spotted serum. <i>Indian Journal of Dermatology, Venereology and Leprology</i> , 2009, 75, 616.	0.6	2
82	Novel pyrazole derivatives via ring transformations: Anti-inflammatory and antifungal activity studies. <i>Synthetic Communications</i> , 2021, 51, 3125-3140.	2.1	2
83	2-[4-(Morpholin-4-ylmethyl)phenyl]benzonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o129-o129.	0.2	2
84	3-[(7-Acetoxy-4-methylcoumarin-8-yl)methyl]sydnone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o701-o702.	0.2	1
85	A convenient preparation of novel benzophenone derivatives. <i>Journal of the Serbian Chemical Society</i> , 2008, 73, 261-270.	0.8	1
86	Design, docking studies and molecular iodine catalyzed synthesis of benzo[a]xanthene derivatives as hyaluronidase inhibitors. <i>Medicinal Chemistry Research</i> , 2016, 25, 2451-2460.	2.4	1
87	Synthesis, crystal structure and studies of physical parameters of novel compound N-(2,6-dichlorophenyl)-4-(naphthalen-2-yl)-1,3-thiazol-2-amine. <i>Chemical Data Collections</i> , 2019, 24, 100286.	2.3	1
88	Crystal structure, mosquito larvicidal & antifungal activity of 3-tert-butyl-7-(2,3,4-trimethoxyphenyl)-4H-[1,3,4]thiadiazolo[2,3-c][1,2,4]triazin-4-one. <i>Journal of Molecular Structure</i> , 2021, 1240, 130504.	3.6	1
89	5-[4-[(5-Benzyl-2H-tetrazol-2-yl)methyl]biphenyl-2-yl]-1H-tetrazole monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o743-o744.	0.2	1
90	Ring Opening of Tetrazole via Unusual Vilsmeier-Haack Reaction Forming Novel Triazenes. <i>Letters in Organic Chemistry</i> , 2015, 12, 122-128.	0.5	1

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91	N-[4-Acetyl-5-(4-fluorophenyl)-4,5-dihydro-1,3,4-thiadiazol-2-yl]acetamide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o701-o702.	0.2	1
92	1-(4-Chlorophenyl)-1H-1,2,4-triazol-5(4H)-one. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o499-o499.	0.2	0
93	Crystal structure of 6-chloro-5-(2-chloroethyl)-3-(propan-2-ylidene)indolin-2-one. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o592-o593.	0.5	0
94	Design and Synthesis of Angiotensin Converting Enzyme (ACE) Inhibitors: Analysis of the Role of Tetrazole Ring Appended to Biphenyl Moiety. ChemistrySelect, 2022, 7, .	1.5	0
95	X-ray diffraction and Density Functional Theory based structural analyses of 2-phenyl-4-(prop-2-yn-1-yl)-1,2,4-triazolone. European Journal of Chemistry, 2021, 12, 459-468.	0.6	0