

Santosh Gaonkar

List of Publications by Year in descending order

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70
papers

1,195
citations

394390

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395678

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77
all docs

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docs citations

77
times ranked

1572
citing authors

#	ARTICLE	IF	CITATIONS
1	Chloramine-T (N-chloro-p-toluenesulfonamide sodium salt), a versatile reagent in organic synthesis and analytical chemistry: An up to date review. Journal of Saudi Chemical Society, 2022, 26, 101416.	5.2	7
2	Synthesis, Molecular Docking and Evaluation of 1,3,4-Oxadiazole-Isobenzofuran Hybrids as Antimicrobial and Anticancer Agents. Chemistry and Biodiversity, 2022, 19, .	2.1	6
3	Phytochemistry and Medicinal Importance of Herb Mimosa pudica: A Review. Natural Products Journal, 2022, 12, .	0.3	0
4	A comprehensive review on Covid-19 Omicron (B.1.1.529) variant. Saudi Journal of Biological Sciences, 2022, 29, 103372.	3.8	15
5	Coinage Metal π -Heterocyclic Carbene Complexes: Recent Synthetic Strategies and Medicinal Applications. ChemMedChem, 2021, 16, 1360-1390.	3.2	38
6	An Efficient and Industrially Scalable Total Synthesis of Anti-Alzheimer Drug Donepezil. , 2021, , 22-39.		0
7	1,3,4-Oxadiazole-containing hybrids as potential anticancer agents: Recent developments, mechanism of action and structure-activity relationships. Journal of Saudi Chemical Society, 2021, 25, 101284.	5.2	41
8	Synthesis, characterization, DFT and photophysical studies of new class of 1,3,4-oxadiazole-isobenzofuran hybrids. Journal of Luminescence, 2021, 238, 118212.	3.1	7
9	Synthesis, Crystal Structure, Biological Evaluation, DFT Calculations and Third Order Nonlinear Optical Studies of Pyrazolines. Journal of Molecular Structure, 2021, 1243, 130780.	3.6	5
10	Favipiravir (6-Fluoro-3-hydroxy-2-pyrazinecarboxamide) a Broad Spectrum Inhibitor of Viral RNA Polymerase in COVID-19 Treatment. ChemistrySelect, 2021, 6, 12652-12662.	1.5	3
11	Synthesis, Molecular Docking and Evaluation of Library of 3-Mercapto-1,2,4-Triazole Derivatives as Antimicrobial Agents. Asian Journal of Chemistry, 2021, 33, 3039-3046.	0.3	1
12	Synthesis and corrosion inhibition evaluation of a new schiff base hydrazone for mild steel corrosion in HCl medium: electrochemical, DFT, and molecular dynamics simulations studies. Journal of Adhesion Science and Technology, 2020, 34, 1283-1314.	2.6	43
13	Inhibitory effect of a new isoniazid derivative as an effective inhibitor for mild steel corrosion in 1.0M HCl: combined experimental and computational study. Research on Chemical Intermediates, 2020, 46, 2919-2950.	2.7	8
14	Zeolite Catalyzed Friedel-Crafts Reactions: A Review. Letters in Organic Chemistry, 2020, 17, 491-506.	0.5	11
15	SYNTHESIS, ANTIOXIDANT AND ANTICANCER ACTIVITY OF NEW QUINOLINE-[1, 2, 4]-TRIAZOLE HYBRIDS. Rasayan Journal of Chemistry, 2020, 13, 1744-1749.	0.4	7
16	STABLE ISONIAZID DERIVATIVES: IN SILICO STUDIES, SYNTHESIS AND BIOLOGICAL ASSESSMENT AGAINST Mycobacterium tuberculosis IN LIQUID CULTURE. Rasayan Journal of Chemistry, 2020, 13, 1853-1870.	0.4	4
17	Exploring deep insights into the interaction mechanism of a quinazoline derivative with mild steel in HCl: electrochemical, DFT, and molecular dynamic simulation studies. Journal of Adhesion Science and Technology, 2019, 33, 921-944.	2.6	32
18	A Review on Recent Synthetic Strategies and Pharmacological Importance of 1,3-Thiazole Derivatives. Mini-Reviews in Medicinal Chemistry, 2019, 19, 215-238.	2.4	67

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19	New Benzohydrazide Derivative as Corrosion Inhibitor for Carbon Steel in a 1.0 M HCl Solution: Electrochemical, DFT and Monte Carlo Simulation Studies. <i>Portugaliae Electrochimica Acta</i> , 2019, 37, 147-165.	1.1	14
20	Effect of Ocimum on Cervical Intraepithelial Neoplasia (CIN) Pre Cervical Cancer. <i>International Journal of Pharmaceutical Research (discontinued)</i> , 2019, 11, .	0.1	1
21	Understanding corrosion inhibition of mild steel in acid medium by new benzonitriles: Insights from experimental and computational studies. <i>Journal of Molecular Liquids</i> , 2018, 266, 603-616.	4.9	96
22	Antimycobacterial susceptibility evaluation of rifampicin and isoniazid benz-hydrazone in biodegradable polymeric nanoparticles against <i>Mycobacterium tuberculosis</i> H37Rv strain. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 4303-4318.	6.7	46
23	A Review on Current Synthetic Strategies of Oxazines. <i>Mini-Reviews in Organic Chemistry</i> , 2018, 16, 43-58.	1.3	22
24	Synthesis and pharmacological properties of chalcones: a review. <i>Research on Chemical Intermediates</i> , 2017, 43, 6043-6077.	2.7	134
25	Industrially Scalable Synthesis of Anti-alzheimer Drug Donepezil. <i>Asian Journal of Chemistry</i> , 2017, 29, 1999-2004.	0.3	5
26	Synthesis of Fused-Oxazines from Cyclic Ketoximes Via α -Nitrosoalkenes. <i>Oriental Journal of Chemistry</i> , 2017, 33, 893-896.	0.3	4
27	An Aerobic Oxidative Coupling Approach for The Synthesis of N-Substituted 2-Aminobenzothiazole Derivatives using Iron Catalyst. <i>Oriental Journal of Chemistry</i> , 2016, 32, 1697-1702.	0.3	1
28	Synthesis, Characterization and Single Crystal Studies of 3-cyclopropyl-3,4-dihydroquinazolin-2(1H)-one. <i>Oriental Journal of Chemistry</i> , 2016, 32, 2707-2712.	0.3	0
29	Anthelmintic and antibacterial screening of a new series of N-[4-(4-nitrophenoxy)phenyl]-4-(substituted)-1,3-thiazol-2-amines. <i>Russian Journal of Bioorganic Chemistry</i> , 2016, 42, 210-214.	1.0	3
30	Synthesis of new 4[4-(4-nitrophenoxy)phenyl]-5-substituted-2H-1,2,4-triazole-3-thiones and their evaluation as anthelmintics. <i>Research on Chemical Intermediates</i> , 2016, 42, 1885-1897.	2.7	4
31	Applications of Azoalkenes in the Synthesis of Fused Ring Pyridazine Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 1346-1348.	2.6	4
32	A facile synthesis of N-substituted 2,5-dimethylpyrroles with saccharin as a green catalyst. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 51, 320-323.	1.2	12
33	Synthesis and Antimicrobial Screening of Novel 4-Substituted Phenyl-5-[1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-5-yl]-2H-1,2,4-triazole-3-thiones. <i>International Scholarly Research Notices</i> , 2014, 2014, 1-7.	0.9	2
34	Microwave-assisted synthesis and evaluation of N-substituted thiazolidine-2,4-dione derivatives as antimicrobial agents. <i>Interactive Medicinal Chemistry</i> , 2014, 2, 2.	0.0	2
35	Microwave-Assisted and Conventional Synthesis of Benzothieno [3,2-e] [1,3,4] triazolo[4,3-c]pyrimidines: A Comparative Study. <i>Journal of the Korean Chemical Society</i> , 2014, 58, 388-392.	0.2	0
36	Synthesis and Crystal Structure of 4-[2-(Methyl-pyridin2-ylamino)ethoxy]-benzaldoxime. <i>X-ray Structure Analysis Online</i> , 2012, 28, 25-26.	0.2	0

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37	Neutralization of Haemorrhagic Activity of Viper Venoms by 1-(3-Dimethylaminopropyl)-1-(4-Fluorophenyl)-3-Oxo-1,3-Dihydroisobenzofuran-5-Carbonitrile. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011, 109, 292-299.	2.5	20
38	Microwave-Assisted Solution Phase Synthesis of Novel 2-[4-[2-(<i>N</i> -Methyl-2-pyridylamino)ethoxy]phenyl]-5-Substituted 1,3,4-Oxadiazole Library. <i>Organic Chemistry International</i> , 2011, 2011, 1-5.		6
39	2-Butyl-5-chloro-3H-imidazole-4-carbaldehyde as a new synthon for the synthesis of fused ring heterocycles via intramolecular 1,3-dipolar cycloaddition reactions. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 543-546.	2.6	3
40	Microwave-assisted synthesis of the antihyperglycemic drug rosiglitazone. <i>Tetrahedron</i> , 2010, 66, 3314-3317.	1.9	43
41	1-(3-Bromo-2-thienyl)ethanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o2540-o2540.	0.2	1
42	Microwave-assisted synthesis and evaluation of anti-inflammatory activity of new series of N-substituted 2-butyl-5-chloro-3H-imidazole-4-carbaldehyde derivatives. <i>Medicinal Chemistry Research</i> , 2009, 18, 221-230.	2.4	22
43	Antiangiogenic and antiproliferative effects of substituted-1,3,4-oxadiazole derivatives is mediated by down regulation of VEGF and inhibition of translocation of HIF-1 α in Ehrlich ascites tumor cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2009, 64, 1221-1233.	2.3	31
44	Synthesis of new series of 5,6-dihydro-4H-1,2-oxazines via hetero Diels-Alder reaction and evaluation of antimicrobial activity. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 280-288.	5.5	21
45	Microwave-Assisted Solvent-Free Synthesis of N-alkyl Benzotriazole Derivatives: Antimicrobial Studies. <i>Letters in Drug Design and Discovery</i> , 2009, 6, 502-507.	0.7	7
46	Microwave-Assisted Synthesis of N-Alkylated Bibenzoimidazolyl Derivatives: Antimicrobial Studies. <i>Letters in Drug Design and Discovery</i> , 2009, 6, 380-386.	0.7	1
47	Growth inhibition and induction of apoptosis in MCF-7 breast cancer cells by a new series of substituted-1,3,4-oxadiazole derivatives. <i>Investigational New Drugs</i> , 2008, 26, 425-435.	2.6	37
48	N-Substituted-2-butyl-5-chloro-3H-imidazole-4-carbaldehyde Derivatives as Anti-tumor Agents Against Ehrlich Ascites tumor Cells In Vivo. <i>Medicinal Chemistry</i> , 2007, 3, 269-276.	1.5	17
49	Synthesis and screening for acetylcholinesterase inhibitor activity of some novel 2-butyl-1,3-diaza-spiro[4,4]non-1-en-4-ones: Derivatives of irbesartan key intermediate. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 7391-7398.	3.0	17
50	Synthesis of novel 3-[5-ethyl-2-(2-phenoxy-ethyl)-pyridin]-5-substituted isoxazoline libraries via 1,3-dipolar cycloaddition and evaluation of antimicrobial activities. <i>Medicinal Chemistry Research</i> , 2007, 15, 407-417.	2.4	44
51	5-Bromo-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o1534-o1535.	0.2	1
52	Synthesis and antimicrobial studies of a new series of 2-[4-[2-(5-ethylpyridin-2-yl)ethoxy]phenyl]-5-substituted-1,3,4-oxadiazoles. <i>European Journal of Medicinal Chemistry</i> , 2006, 41, 841-846.	5.5	147
53	Synthesis, characterization, antimicrobial and single crystal X-ray crystallographic studies of some new sulfonyl, 4-chloro phenoxy benzene and benzoazepine substituted benzamides. <i>European Journal of Medicinal Chemistry</i> , 2006, 41, 1262-1270.	5.5	23
54	Microwave-assisted synthesis of N-alkylated benzotriazole derivatives: Antimicrobial studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 999-1004.	2.2	46

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55	Synthesis of thioesters and thioamides under solvothermal condition using thiourea as thionating agent. <i>Journal of Materials Science</i> , 2006, 41, 1391-1393.	3.7	10
56	Synthesis and Crystal Structure of 2-(4-Bromophenyl)-3-(4-methylphenyl)-1,3-thiazolidin-4-one. <i>Analytical Sciences: X-ray Structure Analysis Online</i> , 2005, 21, X191-X192.	0.1	1
57	A new method for the generation of azoalkenes from ketohydrazone and its application to the synthesis of tetrahydropyridazine derivatives. <i>Tetrahedron Letters</i> , 2005, 46, 5969-5970.	1.4	20
58	A new method for the generation of α -nitrosoolefins from ketooximes and its application to the synthesis of 5,6-dihydro-4 <i>H</i> -1,2-oxazine derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2005, 42, 877-881.	2.6	18
59	Trityl Losartan. <i>ChemInform</i> , 2005, 36, no.	0.0	0
60	A New Method for the Generation of α -Nitrosoolefins from Ketooximes and Its Application to the Synthesis of 5,6-Dihydro-4 <i>H</i> -1,2-oxazine Derivatives.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
61	3-(<i>p</i> -Nitrobenzyl)-1,3-thiazolidine-2,4-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o245-o246.	0.2	1
62	5-Bromo-3 <i>H</i> -isobenzofuran-1-one (5-bromophthalide). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o345-o346.	0.2	0
63	5-Amino-3 <i>H</i> -isobenzofuran-1-one (5-aminophthalide). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o343-o344.	0.2	2
64	3-(2-Bromo-4,5-dimethoxybenzyl)thiazolidine-2,4-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o655-o656.	0.2	0
65	4-[2-(5-Ethylpyridin-2-yl)ethoxy]benzaldehyde oxime. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o751-o752.	0.2	2
66	5-[4'-(Bromomethyl)biphenyl-2-yl]-2-trityl-2 <i>H</i> -tetrazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, o767-o768.	0.2	2
67	Trityl losartan. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2004, 60, o821-o823.	0.4	3
68	N-[(2-Cyanobiphenyl-4-yl)methyl]-L-valine methyl ester hydrochloride: an intermediate in the synthesis of valsartan. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o2160-o2162.	0.2	0
69	1-(4-Fluorophenyl)-1,3-dihydroisobenzofuran-5-carbonitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o2225-o2227.	0.2	0
70	2-Butyl-4-chloro-1-(4-nitrobenzyl)-1 <i>H</i> -imidazole-5-carboxaldehyde. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o2520-o2521.	0.2	1