

Girija S Singh

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Isatins As Privileged Molecules in Design and Synthesis of Spiro-Fused Cyclic Frameworks. <i>Chemical Reviews</i> , 2012, 112, 6104-6155.	47.7	1,384
2	Synthesis and Reactivity of C-Heteroatom-Substituted Aziridines. <i>Chemical Reviews</i> , 2007, 107, 2080-2135.	47.7	406
3	Recent progress in synthesis and bioactivity studies of indolizines. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 5237-5257.	5.5	268
4	Recent applications of Cinchona alkaloids and their derivatives as catalysts in metal-free asymmetric synthesis. <i>Tetrahedron</i> , 2011, 67, 1725-1762.	1.9	185
5	Epihalohydrins in Organic Synthesis. <i>Chemical Reviews</i> , 2013, 113, 1441-1498.	47.7	73
6	Synthetic Aziridines in Medicinal Chemistry: A Mini-Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 892-904.	2.4	69
7	Synthesis and reactivity of spiro-fused lactams. <i>Tetrahedron</i> , 2011, 67, 1989-2012.	1.9	64
8	Recent progress in insertion and cyclopropanation reactions of metal carbenoids from α -diazocarbonyl compounds. <i>Research on Chemical Intermediates</i> , 2017, 43, 6447-6504.	2.7	43
9	Advances in synthesis of monocyclic beta-lactams. <i>Arkivoc</i> , 2014, 2014, 337-385.	0.5	41
10	Synthesis and antimicrobial activity of new 1-alkyl/cyclohexyl-3,3-diaryl-1-methylspiro[azetidino-2,3-indoline]-2,4-diones. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 2265-2269.	5.5	38
11	Advances in synthesis and chemistry of aziridines. <i>Advances in Heterocyclic Chemistry</i> , 2019, 129, 245-335.	1.7	30
12	Synthesis of 2-azetidiones from 2-diazo-1, 2-diarylethanones and N-(2-thienylidene)imines as possible antimicrobial agents. <i>Il Farmaco</i> , 2005, 60, 727-730.	0.9	28
13	Evaluation of some classical hydrazones of ketones and 1,2-diketones as antileishmanial, antibacterial and antifungal agents. <i>Archives of Pharmacal Research</i> , 2012, 35, 1009-1013.	6.3	27
14	Formation of diazoketones and azines by improved oxidation of ketohydrazones using Cu(acac) ₂ as a catalyst. <i>Tetrahedron Letters</i> , 1994, 35, 2581-2584.	1.4	24
15	Advances in synthesis and chemistry of azetidines. <i>Advances in Heterocyclic Chemistry</i> , 2020, 130, 1-74.	1.7	20
16	Synthesis of N-(1-methyl-1H-indol-3-yl)methyleneamines and 3,3-diaryl-4-(1-methyl-1H-indol-3-yl)azetidino-2-ones as potential antileishmanial agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5704-5706.	2.2	18
17	Reactions of α -diazoketones with indolinone imines: Synthesis of new 1,3-triaryl-1-methylspiro[azetidino-2,3-indoline]-2,4-diones. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 1665-1668.	1.7	17
18	Synthesis of novel spiroazetidiones by selective lactam-carbonyl cleavage in 1-aryl/cyclohexyl-3,3-diphenyl-1-methylspiro[azetidino-2,3-indoline]-2,4-diones. <i>Journal of Heterocyclic Chemistry</i> , 2000, 37, 1355-1356.	1.1	11

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19	Recent Progress in Chemistry of β -Lactams. Mini-Reviews in Organic Chemistry, 2019, 16, 544-567.	1.3	11
20	Syntheses of new 1-substituted 3,3-diphenyl-4-(2-heteroaryl)- and 4-(1- and 2-naphthyl)-2-azetidiones. Journal of Chemical & Engineering Data, 1987, 32, 278-279.	1.9	8
21	Spectroscopic characterization of the 1-substituted 3,3-diphenyl-4-(2-hydroxyphenyl)azetidion-2-ones: Application of ^{13}C NMR, ^1H - ^{13}C COSY NMR and mass spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 70, 595-600.	3.9	8
22	Evaluation of N-(2-Thienylidene)amines, N-(2-Hydroxybenzylidene)amines and 3-Iminoindolin-2-ones as Antileishmanial Agents. Letters in Drug Design and Discovery, 2011, 8, 491-495.	0.7	4
23	Unanticipated products from reductive and oxidative cleavages of 1-substituted 3,3-diphenyl-4-(2-methylspiro[azetidione-2,3-indoline]-4-dione)s. Journal of Heterocyclic Chemistry, 2014, 48, 1312-1316.		
24	Synthesis, Antimicrobial, and Brine Shrimps Lethality Assays of 3,3-diaryla-4-(1-methyl-1H-indol-3-yl)azetidione-2-ones. Journal of Heterocyclic Chemistry, 2015, 52, 614-619.	2.6	4
25	Reaction of 2-diazo-1,2-diarylethanones with benzophenonen-(diaryl)acyl hydrazones: Formation of 1,3,4-oxadiazolines. Journal of Heterocyclic Chemistry, 2006, 43, 1653-1656.	2.6	3
26	Azetidinone Versus Chromanone: Application of ^1H - ^{13}C COSY NMR and Mass Spectroscopy in Structure Elucidation of a Class of Compounds. Spectroscopy Letters, 2008, 41, 15-18.	1.0	3
27	Emerging Trends in Chemistry and Pharmacology of β -Lactams. Modern Chemistry & Applications, 2013, 01, .	0.2	3
28	Chemoselective N-benzoylation of aminophenols employing benzoylisothiocyanates. Arabian Journal of Chemistry, 2017, 10, S2778-S2781.	4.9	3
29	Green chemistry of evergreen imines in the synthesis of nitrogen-containing heterocycles. , 2021, , 655-687.		3
30	Synthesis and Chemistry of Diazo Compounds under Microwave Irradiation: A Review. Asian Journal of Organic Chemistry, 2022, 11, .	2.7	3
31	N-Acylation of Isatin Using 2-Diazo-1,2-diphenylethanone. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2012, 82, 147-149.	1.2	2
32	Chemoselective Reaction of Benzoylisothiocyanates with Hydroxyl Group of Salicylamide: a New and Convenient Entry Into 2-Aryl-4H-benzo[e][1,3]oxazin-4-ones. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 1442-1448.	1.6	2
33	A Simple Reduction of Imines to Biologically Important Secondary Amines Using Sodium Borohydride/Alumina in Solid-Phase. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2014, 84, 517-521.	1.2	2
34	Synthetic Approaches to Small- and Medium-Size Aza-Heterocycles in Aqueous Media. , 2015, , 163-184.		2
35	Assignment of E/Z -configurations of spiro-oxirane-oxindoles synthesized by rhodium(II) acetate-catalyzed reaction of ethyl diazoacetate with N-methylisatin. Spectroscopy Letters, 2016, 49, 214-216.	1.0	2
36	Antimicrobial, Crown Gall Tumor Inhibitory and Cytotoxicity Assays of N-[(1-methyl-1H-indole-3-yl)methylene]amines Synthesized by an Improved Protocol. Medicinal Chemistry, 2014, 10, 382-387.	1.5	2

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37	Hysteresis of Isotherms of Mixed Monolayers of N-Octadecyl-Nâ€²-phenylthiourea and Stearic Acid at Air/Water Interface. , 2012, 2012, 1-6.		2
38	An update on synthetic methods for small and medium aza-heterocycles in aqueous media. , 2021, , 505-535.		1
39	Greener Approaches to Selected Asymmetric Addition Reactions Relevant to Drug Development. Current Organic Chemistry, 2021, 25, 1497-1522.	1.6	1
40	Synthesis of 2-Azetidinones from 2-Diazo-1,2-diarylethanones and N-(2-Thienylidene)imines as Possible Antimicrobial Agents.. ChemInform, 2006, 37, no.	0.0	0
41	Molecular Model and Its Simplification in Teaching Stereoisomerism at Undergraduate Level. ObuÄenie Po Prirodni Nauki I VËrhovi Tehnologii, 2021, 30, 470-476.	0.0	0