

Baldev Singh

List of Publications by Year in descending order

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759233

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#	ARTICLE	IF	CITATIONS
1	An Ecofriendly and Efficient Approach through Sodium Oxalate Catalyst for the Synthesis of Azomethines and β -Aminonitriles Ligands Employing Aqueous Medium. Asian Journal of Chemistry, 2022, 34, 1549-1554.	0.3	1
2	One-Pot Solvent Free, Green Route to Novel Substituted Spiro[oxindole-isoxazolidine] Derivatives: Novel Candidates as Antimicrobial Agents. Asian Journal of Chemistry, 2021, 33, 1299-1303.	0.3	1
3	Lewis acid-catalyzed green synthesis and biological studies of pyrrolo[3,4-c]pyrazoles in aqueous medium. Journal of Heterocyclic Chemistry, 2020, 57, 30-38.	2.6	2
4	Identification of 2-benzoxazolinone derivatives as lead against molecular targets of diabetic complications. Chemical Biology and Drug Design, 2018, 92, 1981-1987.	3.2	10
5	Synthesis and Evaluation of Novel 5-cyclohexyl-2-(4-substitutedphenyl)-3-(2-substitutedphenyl)-4,3,3a,5,6,6a-hexahydropyrrolo[3,4-c]pyrazoles for Their <i>In Vitro</i> Antioxidant and Antibacterial Activities. Journal of Heterocyclic Chemistry, 2017, 54, 80-88.	2.6	1
6	Synthesis and Evaluation of Novel Spiro[oxindole-isoxazolidine] Derivatives as Potent Antioxidants. Journal of Heterocyclic Chemistry, 2017, 54, 1348-1354.	2.6	14
7	Pharmacophore and docking-based hierarchical virtual screening for the designing of aldose reductase inhibitors: synthesis and biological evaluation. Medicinal Chemistry Research, 2016, 25, 609-626.	2.4	15
8	Aldose reductase inhibitors for diabetic complications: Receptor induced atom-based 3D-QSAR analysis, synthesis and biological evaluation. Journal of Molecular Graphics and Modelling, 2015, 59, 59-71.	2.4	11
9	A miniaturised analytical protocol for highly sensitive determination of bisphenol A in bottled drinking water. Analytical Methods, 2015, 7, 9365-9372.	2.7	2
10	Integrated pharmacophore and docking-based designing of dual inhibitors of aldose reductase (ALR2) and protein tyrosine phosphatase 1B (PTP1B) as novel therapeutics for insulin-resistant diabetes and its complications. Journal of Chemometrics, 2015, 29, 109-125.	1.3	6
11	One-pot Regioselective Synthesis of Novel 1-Methyl-2-oxindole-3-arylpiperidine-3,5-dione-4-arylpiperidine through Multicomponent 1,3-Dipolar Cycloaddition Reaction of Azomethine Ylide. Journal of Heterocyclic Chemistry, 2015, 52, 827-833.	2.6	22
12	Triethylamine-catalyzed Synthesis of Oxazepine from Maleamic Acids. Journal of Heterocyclic Chemistry, 2015, 52, 635-640.	2.6	5
13	Synthesis of 4-amino-2H,3H,5H-[1,2,5]thiadiazolidin-1-oxide through Cycloaddition Reaction of N-sulphonylanilines and N-(β -cyano- β -aryl)-methylanilines. Journal of Heterocyclic Chemistry, 2014, 51, 2.6 1157-1161.	2.6	6
14	1,3-Dipolar Cycloaddition Reactions Leading to the Synthesis of New 2,3,5-triaryl-4,3,3a,5,6,6a-hexahydropyrrolo[3,4-c]isoxazole-4,6-diones. Journal of Heterocyclic Chemistry, 2014, 51, 1421-1429.	2.6	2
15	Synthesis and Antibacterial Activity of New 2,5-diaryl-3-ethyl-4,3,3a,5,6,6a-hexahydropyrrolo[3,4-c]isoxazole-4,6-diones. Journal of Heterocyclic Chemistry, 2014, 51, 482-491.	2.6	5
16	Synthesis and biological activity of 4-aryl-3-benzoyl-5-phenylspiro[pyrrolidine-2-indolin]-2-one derivatives as novel potent inhibitors of advanced glycation end product. European Journal of Medicinal Chemistry, 2014, 79, 282-289.	5.5	30
17	Synthesis of imidazolidin-2-ones employing dialkyl carbonates as an ecofriendly carbonylation source. RSC Advances, 2014, 4, 38978.	3.6	10
18	One Pot Photoredox Decarboxylation Reaction of N-Cyano(β -bromo- β -phenyl)methylanilines Leading to Synthesis of Four-Membered Cyclic Carbamates. Journal of Heterocyclic Chemistry, 2014, 51, 850-853.	2.6	2

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19	Pyrrolo-isoxazole: A Key Molecule with Diverse Biological Actions. <i>Mini-Reviews in Medicinal Chemistry</i> , 2014, 14, 623-627.	2.4	22
20	Flavonoids as lead compounds modulating the enzyme targets in Alzheimer's disease. <i>Medicinal Chemistry Research</i> , 2013, 22, 3061-3075.	2.4	30
21	Synthesis and evaluation of novel carbamate-substituted flavanone derivatives as potent acetylcholinesterase inhibitors and anti-amnesic agents. <i>Medicinal Chemistry Research</i> , 2013, 22, 1648-1659.	2.4	19
22	1, 3-Dipolar cycloaddition reactions: Synthesis of 5-benzyl-1-(2,4-dibromophenyl)-3-(4-substituted) Tj ETQqO 0 0 rgBT /Overlo Sciences, 2013, 125, 1529-1534.	1.5	4
23	Microwave-Assisted Synthesis of Spiro-Isoxazolidines. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 959-962.	2.6	3
24	Diastereoselective Synthesis of Novel Spiro-Isoxazolidines via [3+2] Cycloaddition. <i>Synthetic Communications</i> , 2013, 43, 1073-1082.	2.1	4
25	Synthesis and evaluation of novel 2,3,5-triaryl-4H,2,3,3a,5,6,6a-hexahydropyrrolo[3,4-d]isoxazole-4,6-diones for advanced glycation end product formation inhibitory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 797-801.	2.2	17
26	1,3-dipolar cycloaddition reactions of 2-substituted azomethine N-oxides with N-benzyl maleimides leading to the synthesis of stereoisomers. <i>Journal of Heterocyclic Chemistry</i> , 2012, 49, 336-341.	2.6	7
27	Chemiluminescence and Spectrofluorimetric Methods for Determination of Fluoroquinolones: A Review. <i>Analytical Letters</i> , 2011, 44, 1602-1639.	1.8	16
28	Quantification of Tricyclic and Nontricyclic Antidepressants in Spiked Plasma and Urine Samples Using Microextraction in Packed Syringe and Analysis by LC and GC-MS. <i>Chromatographia</i> , 2011, 74, 235-242.	1.3	30
29	Spectrophotometric Methods for the Determination of Fluoroquinolones: A Review. <i>Critical Reviews in Analytical Chemistry</i> , 2008, 38, 2-18.	3.5	42
30	Determination of Some Aldehydes by Using Solid-Phase Microextraction and High-Performance Liquid Chromatography with UV Detection. <i>Journal of AOAC INTERNATIONAL</i> , 2007, 90, 1689-1694.	1.5	11
31	Cycloaddition Reactions of N-Sulphdylanilines and N-(1-cyano-1-aryl)-Methylanilines. <i>Synthetic Communications</i> , 1999, 29, 911-915.	2.1	7
32	Studies in 1-Aza-1,3-butadienes: Diels-Alder Cycloaddition Reactions of 1,4-Diaryl-1-aza-1,3-butadienes with Aryl Sulphonyl Nitrosites Leading to the Synthesis of New Oxadiazines. <i>Synthetic Communications</i> , 1993, 23, 107-114.	2.1	9
33	A Novel One Pot Photochemical Synthesis of Substituted 2-oxo-1,2,2a,11-Tetrahydro-Benzo [3,4-a] Imidazo [3,4-a] Quinolines. <i>Synthetic Communications</i> , 1985, 15, 829-836.	2.1	5
34	Studies in 1-Aza-1,3-butadienes: Diels-Alder Cyclo-Addition Reaction of 1-Aza-1,3-butadienes with Ketene Leading to the Synthesis of β -Lactams. <i>Synthetic Communications</i> , 1984, 14, 219-225.	2.1	13