Sandhya Bawa

List of Publications by Year
in descending order

38 papers	1,725 citations	516561 16 h-index	360920 35 g-index
39 all docs	39 docs citations	39 times ranked	2866 citing authors

#	Article	IF	Citations
1	A review on anticancer potential of bioactive heterocycle quinoline. European Journal of Medicinal Chemistry, 2015, 97, 871-910.	2.6	595
2	Biological Activities of Quinoline Derivatives. Mini-Reviews in Medicinal Chemistry, 2009, 9, 1648-1654.	1.1	413
3	Biological Activities of Pyrazoline Derivatives -A Recent Development. Recent Patents on Anti-infective Drug Discovery, 2009, 4, 154-163.	0.5	146
4	Structural modifications of quinoline-based antimalarial agents: Recent developments. Journal of Pharmacy and Bioallied Sciences, 2010, 2, 64.	0.2	106
5	Antidepressant potential of nitrogen-containing heterocyclic moieties: An updated review. Journal of Pharmacy and Bioallied Sciences, 2011, 3, 194.	0.2	77
6	Synthesis and pharmacological evaluation of pyrazolo[4,3-c]cinnoline derivatives as potential anti-inflammatory and antibacterial agents. European Journal of Medicinal Chemistry, 2012, 57, 176-184.	2.6	46
7	Imidazole: An Essential Edifice for the Identification of New Lead Compounds and Drug Development. Mini-Reviews in Medicinal Chemistry, 2018, 18, 142-163.	1.1	45
8	Design and synthesis of 2-chloroquinoline derivatives as non-azoles antimycotic agents. Medicinal Chemistry Research, 2011, 20, 1340-1348.	1.1	27
9	Development of 2â€(Substituted Benzylamino)â€4â€Methylâ€1, 3â€Thiazoleâ€5â€Carboxylic Acid Derivatives as Xanthine Oxidase Inhibitors and Free Radical Scavengers. Chemical Biology and Drug Design, 2016, 87, 508-516.	1.5	26
10	Docking based virtual screening and molecular dynamics study to identify potential monoacylglycerol lipase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3986-3996.	1.0	25
11	Synthesis, antidepressant and antifungal evaluation of novel 2-chloro-8-methylquinoline amine derivatives. European Journal of Medicinal Chemistry, 2011, 46, 670-675.	2.6	23
12	2-[(4-Chlorobenzyl) amino]-4-methyl-1,3-thiazole-5-carboxylic acid exhibits antidiabetic potential and raises insulin sensitivity via amelioration of oxidative enzymes and inflammatory cytokines in streptozotocinË—induced diabetic rats. Biomedicine and Pharmacotherapy, 2017, 89, 651-659.	2.5	19
13	Hit to lead optimization of a series of N-[4-(1,3-benzothiazol-2-yl)phenyl]acetamides as monoacylglycerol lipase inhibitors with potential anticancer activity. European Journal of Medicinal Chemistry, 2016, 121, 318-330.	2.6	18
14	Design, Synthesis and Screening of Quinolineâ€Incorporated Thiadiazole as a Potential Anticonvulsant. Chemical Biology and Drug Design, 2012, 79, 104-111.	1.5	17
15	Mini review on tricyclic compounds as an inhibitor of trypanothione reductase. Journal of Pharmacy and Bioallied Sciences, 2014, 6, 222.	0.2	17
16	Synthesis and antimicrobial activity of 2-chloro-6-methylquinoline hydrazone derivatives. Journal of Pharmacy and Bioallied Sciences, 2009, 1, 27.	0.2	17
17	2â€Benzamidoâ€4â€methylthiazoleâ€5â€carboxylic Acid Derivatives as Potential Xanthine Oxidase Inhibitors and Free Radical Scavengers. Archiv Der Pharmazie, 2017, 350, 1600313.	2.1	15
18	The role of endocannabinoid pathway in the neuropathology of Alzheimerâ€™s disease: Can the inhibitors of MAGL and FAAH prove to be potential therapeutic targets against the cognitive impairment associated with Alzheimerâ€™s disease?. Brain Research Bulletin, 2021, 174, 305-322.	1.4	13

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19	Synthesis and in vivo anticonvulsant evaluation of 2-chloroquinolinyl hydrazone derivatives. Acta Poloniae Pharmaceutica, 2010, 67, 567-73.	0.3	12
20	One-pot synthesis of diphenyl pyrazolylmethylanilines via reductive amination using NaBH4/I2 and their antimicrobial screening. Monatshefte FÃ¼r Chemie, 2011, 142, 637-642.	0.9	8
21	Therapeutic Potential of Cinnoline Core: A Comprehensive Review. Mini-Reviews in Medicinal Chemistry, 2020, 20, 196-218.	1.1	8
22	Antimicrobial screening and one-pot synthesis of 4-(substituted-anilinomethyl)-3-(2-naphthyl)-1-phenyl-1H-pyrazole derivatives. Journal of Pharmacy and Bioallied Sciences, 2014, 6, 253.	0.2	7
23	Pyrrolidinâ€2â€one linked benzofused heterocycles as novel small molecule monoacylglycerol lipase inhibitors and antinociceptive agents. Chemical Biology and Drug Design, 2020, 96, 1418-1432.	1.5	7
24	Design, Synthesis and Evaluation of Novel 2-piperidinyl Quinoline Chalcones/ Amines as Potential Antidepressant Agents. Letters in Drug Design and Discovery, 2013, 10, 75-85.	0.4	7
25	Synthesis and antimicrobial activity of 2-chloroquinoline incorporated pyrazoline derivatives. Journal of Pharmacy and Bioallied Sciences, 2009, 1, 32.	0.2	5
26	N-[(2-Chloro-6-methylquinolin-3-yl)methyl]aniline. MolBank, 2009, 2009, M618.	0.2	4
27	Synthesis and Inâ€vitro Antimicrobial Activity of Secondary and Tertiary Amines Containing 2â€Chloroâ€6â€methylquinoline Moiety. Archiv Der Pharmazie, 2011, 344, 474-480.	2.1	3
28	NêžŒ-{[2-(Piperidin-1-yl)quinolin-3-yl]methylene}pyridine-4-carbohydrazide. MolBank, 2012, 2012, M748.	0.2	3
29	â€œ2-(4-Fluorobenzamido)-4-methylthiazole-5-carboxylic acidâ€•a novel thiazole compound, ameliorates insulin sensitivity and hyperlipidaemia in streptozotocin-induced diabetic rats: Plausible role of inflammatory and oxidative stress markers. Biomedicine and Pharmacotherapy, 2017, 95, 1232-1241.	2.5	3
30	Development of Thiazole-5-carboxylate Derivatives as Selective Inhibitors of Monoacylglycerol Lipase as Target in Cancer. Mini-Reviews in Medicinal Chemistry, 2019, 19, 410-423.	1.1	3
31	Statistical and Continuous Manufacturing approach by Design of Experiment (DoE) for a Robust Synthetic Process of a Sorafenib Analogue. Research Journal of Pharmacy and Technology, 2020, 13, 1.	0.2	3
32	3-Chloro-4-fluoro-N-{[3-(4-methoxyphenyl)-1-phenyl-1H-pyrazol- 4-yl]methyl}aniline. MolBank, 2009, 2009, M640.	0.2	2
33	Journal of Pharmacy and Bioallied Sciences. Journal of Pharmacy and Bioallied Sciences, 2010, 2, 63.	0.2	2
34	(8-Chloro-3-methyl-1H-pyrazolo[4,3-c]cinnolin-1-yl) (pyridin-4-yl)methanone. MolBank, 2010, 2010, M688.	0.2	1
35	Molecular Docking and In Vitro Anticancer Screening of Synthesized Arylthiazole linked 2H-indol-2-one Derivatives as VEGFR-2 Kinase Inhibitors. Anti-Cancer Agents in Medicinal Chemistry, 2022, 22, 2166-2180.	0.9	1
36	1-(8-Chloro-3-methyl-1H-pyrazolo[4,3-c]cinnolin-1-yl)-2-(2-chlorophenyl)ethanone. MolBank, 2011, 2011, M744.	0.2	0

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37	Synthesis and Antitubercular Screening of [(2â€Chloroquinolinâ€3â€yl)methyl] Thiocarbamide Derivatives. Chemical Biology and Drug Design, 2014, 84, 522-530.	1.5	0
38	Comparative atom-based 3D QSAR study of 3-nitro-1H-1,2,4-triazole-based aliphatic and aromatic amines analogs for its anti-trypanosomal activities. Medicinal Chemistry Research, 2015, 24, 22-31.	1.1	0