

# Sandhya Bawa

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Molecular Docking and In Vitro Anticancer Screening of Synthesized Arylthiazole linked 2H-indol-2-one Derivatives as VEGFR-2 Kinase Inhibitors. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 2166-2180.	0.9	1
2	The role of endocannabinoid pathway in the neuropathology of Alzheimer's disease: Can the inhibitors of MAGL and FAAH prove to be potential therapeutic targets against the cognitive impairment associated with Alzheimer's disease?. <i>Brain Research Bulletin</i> , 2021, 174, 305-322.	1.4	13
3	Pyrrrolidinone linked benzofused heterocycles as novel small molecule monoacylglycerol lipase inhibitors and antinociceptive agents. <i>Chemical Biology and Drug Design</i> , 2020, 96, 1418-1432.	1.5	7
4	Therapeutic Potential of Cinnoline Core: A Comprehensive Review. <i>Mini-Reviews in Medicinal Chemistry</i> , 2020, 20, 196-218.	1.1	8
5	Statistical and Continuous Manufacturing approach by Design of Experiment (DoE) for a Robust Synthetic Process of a Sorafenib Analogue. <i>Research Journal of Pharmacy and Technology</i> , 2020, 13, 1.	0.2	3
6	Development of Thiazole-5-carboxylate Derivatives as Selective Inhibitors of Monoacylglycerol Lipase as Target in Cancer. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 410-423.	1.1	3
7	Imidazole: An Essential Edifice for the Identification of New Lead Compounds and Drug Development. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 142-163.	1.1	45
8	2-Benzamido-4-methylthiazole-5-carboxylic Acid Derivatives as Potential Xanthine Oxidase Inhibitors and Free Radical Scavengers. <i>Archiv Der Pharmazie</i> , 2017, 350, 1600313.	2.1	15
9	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 streptozotocin-induced diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 651-659.	2.5	19
10	2-(4-Fluorobenzamido)-4-methylthiazole-5-carboxylic acid: a novel thiazole compound, ameliorates insulin sensitivity and hyperlipidaemia in streptozotocin-induced diabetic rats: Plausible role of inflammatory and oxidative stress markers. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 1232-1241.	2.5	3
11	Development of 2-(Substituted Benzylamino)-4-Methyl-1, 3-Thiazole-5-Carboxylic Acid Derivatives as Xanthine Oxidase Inhibitors and Free Radical Scavengers. <i>Chemical Biology and Drug Design</i> , 2016, 87, 508-516.	1.5	26
12	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. <i>European Journal of Medicinal Chemistry</i> , 2016, 121, 318-330.	2.6	18
13	A review on anticancer potential of bioactive heterocycle quinoline. <i>European Journal of Medicinal Chemistry</i> , 2015, 97, 871-910.	2.6	595
14	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. <i>Medicinal Chemistry Research</i> , 2015, 24, 22-31.	1.1	0
15	Antimicrobial screening and one-pot synthesis of 4-(substituted-anilinomethyl)-3-(2-naphthyl)-1-phenyl-1H-pyrazole derivatives. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2014, 6, 253.	0.2	7
16	Mini review on tricyclic compounds as an inhibitor of trypanothione reductase. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2014, 6, 222.	0.2	17
17	Synthesis and Antitubercular Screening of [(2-Chloroquinolin-3-yl)methyl] Thiocarbamide Derivatives. <i>Chemical Biology and Drug Design</i> , 2014, 84, 522-530.	1.5	0
18	Docking based virtual screening and molecular dynamics study to identify potential monoacylglycerol lipase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3986-3996.	1.0	25

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19	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
20	N <sup>2</sup> -[2-(Piperidin-1-yl)quinolin-3-yl]methylene}pyridine-4-carbohydrazide. MolBank, 2012, 2012, M748.	0.2	3
21	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
22	Design, Synthesis and Screening of Quinoline-incorporated Thiadiazole as a Potential Anticonvulsant. Chemical Biology and Drug Design, 2012, 79, 104-111.	1.5	17
23	One-pot synthesis of diphenyl pyrazolylmethylanilines via reductive amination using NaBH <sub>4</sub> /I <sub>2</sub> and their antimicrobial screening. Monatshefte für Chemie, 2011, 142, 637-642.	0.9	8
24	Design and synthesis of 2-chloroquinoline derivatives as non-azoles antimycotic agents. Medicinal Chemistry Research, 2011, 20, 1340-1348.	1.1	27
25	Synthesis and <i>in vitro</i> Antimicrobial Activity of Secondary and Tertiary Amines Containing 2-Chloro-6-methylquinoline Moiety. Archiv Der Pharmazie, 2011, 344, 474-480.	2.1	3
26	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
27	1-(8-Chloro-3-methyl-1H-pyrazolo[4,3-c]cinnolin-1-yl)-2-(2-chlorophenyl)ethanone. MolBank, 2011, 2011, M744.	0.2	0
28	Antidepressant potential of nitrogen-containing heterocyclic moieties: An updated review. Journal of Pharmacy and Bioallied Sciences, 2011, 3, 194.	0.2	77
29	(8-Chloro-3-methyl-1H-pyrazolo[4,3-c]cinnolin-1-yl) (pyridin-4-yl)methanone. MolBank, 2010, 2010, M688.	0.2	1
30	Journal of Pharmacy and Bioallied Sciences. Journal of Pharmacy and Bioallied Sciences, 2010, 2, 63.	0.2	2
31	Structural modifications of quinoline-based antimalarial agents: Recent developments. Journal of Pharmacy and Bioallied Sciences, 2010, 2, 64.	0.2	106
32	Synthesis and <i>in vivo</i> anticonvulsant evaluation of 2-chloroquinolinyl hydrazone derivatives. Acta Poloniae Pharmaceutica, 2010, 67, 567-73.	0.3	12
33	N-[(2-Chloro-6-methylquinolin-3-yl)methyl]aniline. MolBank, 2009, 2009, M618.	0.2	4
34	3-Chloro-4-fluoro-N-[3-(4-methoxyphenyl)-1-phenyl-1H-pyrazol-4-yl]methyl]aniline. MolBank, 2009, 2009, M640.	0.2	2
35	Biological Activities of Pyrazoline Derivatives -A Recent Development. Recent Patents on Anti-infective Drug Discovery, 2009, 4, 154-163.	0.5	146
36	Biological Activities of Quinoline Derivatives. Mini-Reviews in Medicinal Chemistry, 2009, 9, 1648-1654.	1.1	413

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37	Synthesis and antimicrobial activity of 2-chloro-6-methylquinoline hydrazone derivatives. Journal of Pharmacy and Bioallied Sciences, 2009, 1, 27.	0.2	17
38	Synthesis and antimicrobial activity of 2-chloroquinoline incorporated pyrazoline derivatives. Journal of Pharmacy and Bioallied Sciences, 2009, 1, 32.	0.2	5