

# Amitabh Jha

## List of Publications by Year in descending order

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68  
papers

3,183  
citations

279798

23  
h-index

155660

55  
g-index

81  
all docs

81  
docs citations

81  
times ranked

4602  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinase-targeted cancer therapies: progress, challenges and future directions. <i>Molecular Cancer</i> , 2018, 17, 48.	19.2	796
2	Phytochemistry of the genus <i>Piper</i> . <i>Phytochemistry</i> , 1997, 46, 597-673.	2.9	709
3	Bioactive Contaminants Leach from Disposable Laboratory Plasticware. <i>Science</i> , 2008, 322, 917-917.	12.6	189
4	Convenient synthesis of 12H-benzo[a]xanthenes from 2-tetralone. <i>Tetrahedron Letters</i> , 2004, 45, 8999-9001.	1.4	155
5	Review Article Number 138. <i>Phytochemistry</i> , 1999, 50, 1267-1304.	2.9	144
6	Copper-Catalyzed Tandem Azide-Alkyne Cycloaddition, Ullmann Type C-N Coupling, and Intramolecular Direct Arylation. <i>Organic Letters</i> , 2013, 15, 4304-4307.	4.6	90
7	Curcumin and Its Carbocyclic Analogs: Structure-Activity in Relation to Antioxidant and Selected Biological Properties. <i>Molecules</i> , 2013, 18, 5389-5404.	3.8	73
8	Novel synthesis of 2-naphthol Mannich bases and their NMR behaviour. <i>Canadian Journal of Chemistry</i> , 2006, 84, 843-853.	1.1	55
9	Design, synthesis, and cytostatic activity of novel cyclic curcumin analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 5624-5629.	2.2	51
10	Cytotoxic N-[4-(3-aryl-3-oxo-1-propenyl)phenylcarbonyl]-3,5-bis(phenylmethylene)-4-piperidones and related compounds. <i>European Journal of Medicinal Chemistry</i> , 2002, 37, 961-972.	5.5	45
11	Synthesis, characterization and in vitro anti-invasive activity screening of polyphenolic and heterocyclic compounds. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 913-929.	3.0	42
12	The Mannich Base NC1153 Promotes Long-Term Allograft Survival and Spares the Recipient from Multiple Toxicities. <i>Journal of Immunology</i> , 2005, 175, 4236-4246.	0.8	39
13	Anti-Invasive Activity of 3,7-Dimethoxyflavone in Vitro. <i>Journal of Pharmaceutical Sciences</i> , 1994, 83, 1217-1221.	3.3	37
14	Neolignans and alkaloids from <i>Piper argyrophyllum</i> . <i>Phytochemistry</i> , 1996, 43, 1355-1360.	2.9	36
15	Recent advances in the transition metal catalyzed synthesis of quinoxalines: a review. <i>New Journal of Chemistry</i> , 2021, 45, 13214-13246.	2.8	36
16	Povarov-Reductive Amination Cascade to Access 6-Aminoquinolines and Anthrazolines. <i>Organic Letters</i> , 2013, 15, 4078-4081.	4.6	35
17	Ile-Lys-Val-Ala-Val (IKVAV) peptide for neuronal tissue engineering. <i>Polymers for Advanced Technologies</i> , 2019, 30, 4-12.	3.2	35
18	Novel carbocyclic curcumin analog CUR3d modulates genes involved in multiple apoptosis pathways in human hepatocellular carcinoma cells. <i>Chemico-Biological Interactions</i> , 2015, 242, 107-122.	4.0	33

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19	E,E,E-1-(4-Arylamino-4-oxo-2-butenoyl)-3,5-bis(arylidene)-4-piperidones: A topographical study of some novel potent cytotoxins. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 5854-5865.	3.0	31
20	Convenient Synthesis of 1- <i>Ar</i> ylmethyl-2-naphthols. <i>Synthetic Communications</i> , 2007, 37, 877-888.	2.1	30
21	Novel synthesis of 2,2-dialkyl-3-dialkylamino-2,3-dihydro-1H-naphtho[2,1-b]pyrans. <i>Tetrahedron Letters</i> , 2009, 50, 51-54.	1.4	28
22	Design, synthesis and bioevaluation of novel candidate selective estrogen receptor modulators. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3858-3866.	5.5	25
23	Chemoprevention of carcinogen-DNA binding: the relative role of different oxygenated substituents on 4-methylcoumarins in the inhibition of aflatoxin B1-DNA binding in vitro. <i>Bioorganic and Medicinal Chemistry</i> , 1996, 4, 2225-2228.	3.0	23
24	Cytotoxic 1,4-bis(2-oxo-1-cycloalkylmethylene)benzenes and related compounds. <i>European Journal of Medicinal Chemistry</i> , 2002, 37, 35-44.	5.5	22
25	Microwave-assisted synthesis of novel 2-naphthol bis-Mannich bases. <i>Arkivoc</i> , 2009, 2008, 165-177.	0.5	22
26	3,5-Bis(Phenylmethylene)-1-(N-arylmaeamoyl)-4-piperidones: A Novel Group of Cytotoxic Agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2003, 18, 325-332.	5.2	20
27	Potential application of PLGA microsphere for tissue engineering. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	19
28	Microwave-assisted synthesis of curcumin analogs. <i>Arkivoc</i> , 2006, 2006, 64-72.	0.5	18
29	Derivatives of aryl amines containing the cytotoxic 1,4-dioxo-2-butenyl pharmacophore. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 1510-1515.	2.2	18
30	Convenient, tandem and one-reaction vessel synthesis of mixed dialkylated 2-naphthols from 2-tetralone. <i>Canadian Journal of Chemistry</i> , 2003, 81, 293-296.	1.1	16
31	All trans 1-(3-arylacryloyl)-3,5-bis(pyridin-4-ylmethylene)piperidin-4-ones as curcumin-inspired antineoplastics. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 461-470.	5.5	16
32	Chiral discrimination by hydrolytic enzymes in the synthesis of optically pure materials. <i>Journal of Chemical Sciences</i> , 1996, 108, 575-583.	1.5	15
33	Cytostatic activity of novel 4-aminochalcone-based imides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 4545-4550.	2.2	15
34	Aza-Diels-Alder reaction between N-aryl-1-oxo-1H-isoindolium ions and tert-enamides: Steric effects on reaction outcome. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 848-857.	2.2	15
35	Facile synthesis of 3-substituted isoindolinones. <i>Tetrahedron Letters</i> , 2016, 57, 772-777.	1.4	15
36	Design, Synthesis and Biological Evaluation of Novel Curcumin Analogues as Anti-Neoplastic Agents. <i>Letters in Drug Design and Discovery</i> , 2006, 3, 304-310.	0.7	14

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37	Synthetic approaches to 3-hydroxy-1-naphtho[2,1-b]pyrans and 2,3-dihydro-1-naphtho[2,1-b]pyrans. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 1098-1106.	2.6	14
38	Convenient synthesis of novel 2,2-dialkyl-1,2-dihydronaphtho[2,1-b]furans. <i>Tetrahedron Letters</i> , 2009, 50, 5709-5712.	1.4	14
39	Neolignans from <i>Piper schmidtii</i> and Reassignment of the Structure of Schmiditin.. <i>Acta Chemica Scandinavica</i> , 1995, 49, 142-148.	0.7	14
40	A benzoic acid ester from <i>Uvaria narum</i> . <i>Phytochemistry</i> , 1995, 38, 951-955.	2.9	13
41	Conversion of Substituted 1-Arylidene-2-tetralones to 2-Alkoxy-1-arylmethylnaphthalenes: An Example of Facile Aromatization. <i>Synthesis</i> , 2002, 2002, 463-465.	2.3	12
42	Transition metal-free one-pot cascade synthesis of 7-oxa-2-azatricyclo[7.4.0.0 <sup>2,6</sup> ]trideca-1(9),10,12-trien-3-ones from biomass-derived levulinic acid under mild conditions. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7559.	2.8	12
43	Curcumin-inspired cytotoxic 3,5-bis(arylmethylene)-1-(N-(ortho-substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td (ary Medicinal Chemistry, 2015, 23, 6404-6417.	3.0	11
44	A Convenient One-Pot Synthesis of 2,2-Dialkyl-2,3-dihydro-1H-naphtho[2,1-b]pyrans. <i>Synlett</i> , 2007, 2007, 3127-3130.	1.8	10
45	Design, synthesis and bioevaluation of novel maleamic amino acid ester conjugates of 3,5-bisarylmethylene-4-piperidones as cytostatic agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 6364-6367.	2.2	10
46	Curcumin: Not So Spicy After All. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017, 17, 1425-1434.	2.4	10
47	Syntheses of 4-(3,5-Bisphenylmethylene-4-oxo-piperidin-1-yl)-4-oxo-but-2Z-enoic Acid Arylamides as Candidate Cytotoxic Agents. <i>Synthetic Communications</i> , 2003, 33, 1211-1223.	2.1	9
48	Enzyme-assisted kinetic resolution of novel 2-naphthol Mannich bases. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 62, 46-53.	1.8	9
49	Novel approach to 3,3-dimethyl-4-morpholino-3,4-dihydrocoumarins via hetero-Diels-Alder reaction. <i>Tetrahedron</i> , 2014, 70, 5608-5618.	1.9	9
50	Design, synthesis and bioevaluation of novel 6-(4-Hydroxypiperidino)naphthalen-2-ol-based potential Selective Estrogen Receptor Modulators for breast cancer. <i>European Journal of Medicinal Chemistry</i> , 2015, 92, 103-114.	5.5	9
51	An efficient and expeditious synthesis of novel 2,2-dialkyl-2,3-dihydrobenzofurans from phenols and 2,2-dialkylacetaldehydes. <i>Molecular Diversity</i> , 2013, 17, 261-270.	3.9	8
52	Investigation of fatty acid conjugates of 3,5-bisarylmethylene-4-piperidone derivatives as antitumor agents and human topoisomerase-III± inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 411-421.	3.0	7
53	Potentially useful lipase-catalysed transesterifications. <i>Journal of Chemical Sciences</i> , 1994, 106, 1191-1202.	1.5	7
54	Synthesis and lipase-catalyzed resolution studies on novel (A±)-2-(2-acetoxyethyl)-4-arylmethyl-3-oxo-3,4-dihydro-2H-1,4-benzoxazine-6-carboxylates. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2006, 40, 101-110.	1.8	6

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55	Expedient and Diastereoselective Synthesis of Substituted 6,6a-Dihydroisoindolo[2,1-a]quinolin-11(5H)-ones. <i>Synthesis</i> , 2016, 48, 4477-4488.	2.3	6
56	One-Pot Annulation of 2-Naphthol Analogs to Heterocycles. <i>Current Organic Synthesis</i> , 2012, 9, 613-649.	1.3	6
57	Novel and convenient synthesis of 1-(pyridinylmethyl)-2-naphthols and 1-(pyridinylmethylene)-2-tetralones from 2-tetralones. <i>Molecular Diversity</i> , 2010, 14, 393-400.	3.9	5
58	Concise synthesis of 12a-methyl-11-aryl-1,2-dihydrobenzo[f]pyrrolo[1,2-a]quinolin-3(12aH)-ones as racemic 14-azaestrogen analogs. <i>Steroids</i> , 2015, 98, 107-113.	1.8	5
59	Optical enrichment in enzyme-catalyzed resolution of 1-aryl-2,2-dimethyl-1,3-propanediols. <i>Canadian Journal of Chemistry</i> , 2017, 95, 1-6.	1.1	5
60	Synthetic, Structural, and Anticancer Activity Evaluation Studies on Novel Pyrazolynucleosides. <i>Molecules</i> , 2019, 24, 3922.	3.8	3
61	A Practical Guide for Buffer-Assisted Isolation and Purification of Primary, Secondary, and Tertiary Amine Derivatives from Their Mixture. <i>Organic Process Research and Development</i> , 2005, 9, 847-852.	2.7	2

62