

Abhijit Hazra

List of Publications by Year in descending order

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56
papers

1,115
citations

394421

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414414

32
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71
all docs

71
docs citations

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#	ARTICLE	IF	CITATIONS
1	Isolation of phytochemicals from <i>Dolichandrone atrovirens</i> followed by semisynthetic modification of ixoside via azomethine ylide cycloaddition; computational approach towards chemo-selection. <i>Natural Product Research</i> , 2023, 37, 2215-2224.	1.8	3
2	Design, Synthesis and Cytotoxicity Evaluation of Tetrahydro Carboline Attached Spiroindolones/ Spiroacenaphthylene by Using Lemon Juice as a Green Biocatalyst System.. <i>ChemistrySelect</i> , 2022, 7, .	1.5	6
3	Lemon Juice: A Versatile Reusable Biocatalyst for the Synthesis of Bioactive Organic Compounds as well as Numerous Nanoparticles Based Catalytic System. <i>Current Organic Chemistry</i> , 2021, 25, 1194-1223.	1.6	2
4	Azomethine ylide cycloaddition: a versatile tool for preparing novel pyrrolizidino-spiro-oxindolo hybrids of the doubly conjugated alkamide piperine. <i>Molecular Diversity</i> , 2020, 24, 627-639.	3.9	12
5	Semi-synthesis of a novel hybrid isoxazolidino withaferin via chemoselective and diastereoselective 1,3-dipolar nitron cycloaddition reaction. <i>Natural Product Research</i> , 2020, 34, 2208-2218.	1.8	8
6	Natural Products Containing Olefinic Bond: Important Substrates for Semi-synthetic Modification Towards Value Addition. <i>Current Organic Chemistry</i> , 2020, 24, 709-745.	1.6	5
7	Synthesis of diversely substituted bis-pyrrolizidino/ thiopyrrolizidino oxindolo/acenaphthylene curcuminoids via sequential azomethine ylide cycloaddition. <i>RSC Advances</i> , 2018, 8, 18938-18951.	3.6	6
8	Tamarixetin 3-O-Glucopyranoside from <i>Azadirachta indica</i> Leaves: Gastroprotective Role through Inhibition of Matrix Metalloproteinase-9 Activity in Mice. <i>Journal of Natural Products</i> , 2017, 80, 1347-1353.	3.0	23
9	Cytotoxic potential of dispirooxindolo/acenaphthoquino andrographolide derivatives against MCF-7 cell line. <i>MedChemComm</i> , 2015, 6, 702-707.	3.4	27
10	Chemistry of withaferin-A: chemo, regio, and stereoselective synthesis of novel spiro-pyrrolizidino-oxindole adducts of withaferin-A via one-pot three-component [3+2] azomethine ylide cycloaddition and their cytotoxicity evaluation. <i>Molecular Diversity</i> , 2015, 19, 251-261.	3.9	26
11	The quinoline compound, S4 effectively antagonizes alcohol intake in mice: Possible association with the histone H3 modifications. <i>Neurochemistry International</i> , 2015, 87, 117-127.	3.8	2
12	Synthesis of Bis-pyrrolizidine-Fused Dispiro-oxindole Analogues of Curcumin via One-Pot Azomethine Ylide Cycloaddition: Experimental and Computational Approach toward Regio- and Diastereoselection. <i>Organic Letters</i> , 2015, 17, 4440-4443.	4.6	22
13	Towards the Development of Anticancer Drugs from Andrographolide: Semisynthesis, Bioevaluation, QSAR Analysis and Pharmacokinetic Studies. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 1013-1026.	2.1	12
14	Novel betaines/mesoionic compounds via a simple and convenient MCR in aqueous micellar system: synthesis of thiazolo[2,3-a]isoquinolin-4-ium derivatives. <i>Tetrahedron Letters</i> , 2014, 55, 3059-3063.	1.4	11
15	Copper phenanthroline catalysts for regioselective synthesis of pyrrolo[3,4]pyrrolo[1,2-a]furoquinolines/phenanthrolines and of pyrrolo[1,2-a]phenanthrolines under mild conditions. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 692-700.	2.2	2
16	The cytotoxic effects of diketopiperazines against <i>Leishmania donovani</i> promastigotes and amastigotes. <i>Medicinal Chemistry Research</i> , 2013, 22, 3452-3458.	2.4	3
17	I2 catalyzed Friedel-Crafts alkylation reaction of substituted anilines with ninhydrin: formation of novel products and their antimicrobial evaluation. <i>Medicinal Chemistry Research</i> , 2013, 22, 2023-2037.	2.4	11
18	Basic Alumina-Supported Synthesis of Aryl Heteroarylmethanes via Palladium Catalyzed Cross-Coupling under Microwave Irradiation. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, E148.	2.6	3

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19	Regio- and Stereoselective Synthesis of a Library of Bioactive Dispiro-Oxindolo/Acenaphthoquino Andrographolides via 1,3-Dipolar Cycloaddition Reaction Under Microwave Irradiation. ACS Combinatorial Science, 2013, 15, 41-48.	3.8	41
20	Synthesis and in vitro study of antibacterial, antifungal activities of some novel bisquinolines. Medicinal Chemistry Research, 2013, 22, 94-104.	2.4	12
21	Traceless synthetic approach towards oxaza-dicyclopenta[a,h]naphthalenes under solvent-free condition: a basic alumina-supported green protocol. Tetrahedron Letters, 2013, 54, 3046-3050.	1.4	5
22	Synthesis of tetracyclic pyrrolidine/isoxazolidine fused pyrano[3,2-h]quinolines via intramolecular 1,3-dipolar cycloaddition in ionic liquid. Tetrahedron Letters, 2013, 54, 4339-4342.	1.4	19
23	Cytotoxic Activity and Apoptosis-Inducing Potential of Di-spiropyrrolidino and Di-spiropyrrolidino Oxindole Andrographolide Derivatives. PLoS ONE, 2013, 8, e58055.	2.5	48
24	Discovery of Safe and Orally Effective 4-Aminoquinaldine Analogues as Apoptotic Inducers with Activity against Experimental Visceral Leishmaniasis. Antimicrobial Agents and Chemotherapy, 2012, 56, 432-445.	3.2	18
25	Palladium-Catalyzed 8-Exo Trig Intramolecular Heck Reaction Under Microwave Irradiation in the Presence of Basic Alumina. Synthetic Communications, 2012, 42, 3166-3176.	2.1	2
26	Efficient synthesis of novel tetrahydropyrrolo[3,4]pyrrolo[2,1-a] isoquinoline derivatives via a simple and convenient MCR in aqueous micellar system. Tetrahedron Letters, 2012, 53, 6288-6291.	1.4	16
27	Overcoming multidrug resistance (MDR) in cancer in vitro and in vivo by a quinoline derivative. Biomedicine and Pharmacotherapy, 2011, 65, 387-394.	5.6	28
28	Basic alumina supported tandem synthesis of bridged polycyclic quinolino/isoquinolinooxazocines under microwave irradiation. Tetrahedron Letters, 2011, 52, 4697-4700.	1.4	16
29	An easy access to diversely fused dioxo-2-aza-tricyclo[n.3.1.02,n]tetra/pentadecanes under solvent-free condition. Tetrahedron Letters, 2011, 52, 5516-5520.	1.4	9
30	Electron Density of Two Bioactive Oligocyclic Indole and Oxindole Derivatives Obtained from Low-Order X-Ray Data and Invariom Application. Chemistry - an Asian Journal, 2011, 6, 1390-1397.	3.3	15
31	Amberlite®IRA-402 (OH) ion exchange resin mediated synthesis of indolizines, pyrrolo [1,2-a] quinolines and isoquinolines: Antibacterial and antifungal evaluation of the products. European Journal of Medicinal Chemistry, 2011, 46, 2132-2140.	5.5	177
32	Basic alumina supported one-pot synthesis of structurally diverse pyridine/quinoline-fused novel diazepanium, diazocanium, imidazodilinium and tetrahydro-pyrimidiniums. Tetrahedron Letters, 2011, 52, 1653-1657.	1.4	13
33	Novel route for the synthesis of structurally diverse pyrrolo[2,1-a]isoquinoline in aqueous micellar medium. Tetrahedron Letters, 2011, 52, 1527-1531.	1.4	19
34	A novel approach for the one-pot synthesis of linear and angular fused quinazolinones. Tetrahedron Letters, 2011, 52, 3033-3037.	1.4	37
35	Effective Suzuki-Miyaura Arylation and Sonogashira Aryl Alkynylation on N-Heteroaromatic Cations: Synthesis of Substituted Pyridine-Fused Cationic Heterocycles. Synthesis, 2011, 2011, 3006-3014.	2.3	1
36	Facile Synthesis of Tricyclic Oxazino- or Oxazepino-Fused Tetrahydroquinolines via Intramolecular Reductive Amidation. Synthesis, 2011, 2011, 2079-2084.	2.3	6

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37	Montmorillonite K-10 clay catalyzed solvent-free synthesis of bis-indolylindane-1,3-dione, 2-(1- ϵ ,3- ϵ -dihydro-1H-[2,3- ϵ]biindolyl-2-ylidene)-indan-1,3-dione and bisindolylindeno[1,2-b]quinoxaline under microwave irradiation. <i>Tetrahedron</i> , 2010, 66, 5196-5203.		25
38	Synthesis of polycyclic fused 2-quinolones in aqueous micellar system. <i>Tetrahedron Letters</i> , 2010, 51, 1437-1440.	1.4	22
39	Chemistry of andrographolide: formation of novel di-spiropyrrolidino and di-spiropyrrolidino-oxindole adducts via one-pot three-component [3+2] azomethine ylide cycloaddition. <i>Tetrahedron Letters</i> , 2010, 51, 1585-1588.	1.4	47
40	Amberlite IRA 402(OH): an efficient mediator for the exclusive synthesis of fused tricyclic oxaza quinolinium salts. <i>Tetrahedron Letters</i> , 2010, 51, 3200-3204.	1.4	15
41	Naphtho- and Benzo[g]quinoxalino-Fused Oxazocinoquinolinones and Their Diaryl and Alkynyl Analogues from Quinolin-8-ols: A Library of Novel Polynuclear Heteroaromatics. <i>Synthesis</i> , 2010, 2010, 3520-3535.	2.3	0
42	One-Pot Tandem Synthesis of Furo[3,2-h]quinolines by a Sonogashira Cross-Coupling and Cyclization Reaction Supported by Basic Alumina Under Microwave Irradiation. <i>Synthesis</i> , 2010, 2010, 486-492.	2.3	2
43	Aqueous Phase Supramolecular Synthesis of 3,2- and 3,3-dihetero-aromatic oxindoles catalysed by β -cyclodextrin. <i>Journal of Chemical Research</i> , 2009, 2009, 174-177.	1.3	4
44	Synthesis of novel benzoxazocino quinoliniums and quinolones under PTC conditions and their application in Suzuki cross coupling reaction for the construction of polynuclear heteroaromatics. <i>Tetrahedron</i> , 2009, 65, 6941-6949.	1.9	11
45	Facile synthesis of 6,6,8,6,6-ring fused pentacyclic heterocycles: annelation of quinolines to quinoxalines under PTC condition. <i>Tetrahedron Letters</i> , 2009, 50, 4619-4623.	1.4	7
46	Synthesis of biaryl pentacyclic quinolinoquinoxalino-oxazocines in aqueous medium using Amberlite IRA 402(OH). <i>Tetrahedron Letters</i> , 2009, 50, 5505-5509.	1.4	11
47	Phase transfer catalyzed synthesis of bis-quinolines: Antileishmanial activity in experimental visceral leishmaniasis and in vitro antibacterial evaluation. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 845-853.	5.5	55
48	Synthesis and characterizations of novel quinoline derivatives having mixed ligand activities at the δ and μ receptors: Potential therapeutic efficacy against morphine dependence. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5782-5790.	3.0	18
49	Efficient synthesis of 3,3-diheteroaromatic oxindole analogues and their in vitro evaluation for spermicidal potential. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 4786-4789.	2.2	101
50	Basic alumina-supported highly effective Suzuki-Miyaura cross-coupling reaction under microwave irradiation: application to fused tricyclic oxa-aza-quinolones. <i>Green Chemistry</i> , 2009, 11, 931.	9.0	32
51	Facile synthesis of seven to nine-membered-fused tricyclic quinolones and quinolinium salts under phase transfer catalyzed conditions. <i>Tetrahedron</i> , 2008, 64, 4026-4036.	1.9	19
52	Molecular iodine: An efficient catalyst for the synthesis of both symmetrical and unsymmetrical triindolylmethanes (TRIM). <i>Catalysis Communications</i> , 2008, 9, 1681-1684.	3.3	20
53	Therapeutic effect of a novel anilidoquinoline derivative, 2-(2-methyl-quinoline-4ylamino)-N-(2-chlorophenyl)-acetamide, in Japanese encephalitis: correlation with in vitro neuroprotection. <i>International Journal of Antimicrobial Agents</i> , 2008, 32, 349-354.	2.5	33
54	Synthesis and assessment of fertility-regulating potential of 2-(2-chloroacetamidobenzyl)-3-(3-indolyl) quinoline in adult rats as a male contraceptive agent. <i>Contraception</i> , 2008, 77, 214-222.	1.5	12

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55	NH ₄ Cl-Promoted Synthesis of Symmetrical and Unsymmetrical Triindolylmethanes Under Solvent-Free Conditions. <i>Journal of Chemical Research</i> , 2008, 2008, 568-571.	1.3	9
56	Synthesis of Symmetrically 1,4-disubstituted piperazine-2,5-diones: A New Class of Antileishmanial Agents. <i>Journal of Chemical Research</i> , 2007, 2007, 381-383.	1.3	6