

Diksha Katiyar

List of Publications by Year in descending order

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30
papers

517
citations

623734

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35
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35
times ranked

614
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Transition-Metal-Catalyzed Synthesis of Coumarins. <i>Synthesis</i> , 2016, 48, 2303-2322.	2.3	58
2	Synthesis and antimycobacterial activity of 3,5-disubstituted thiadiazine thiones. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 4369-4375.	3.0	57
3	Synthesis and antitubercular activities of bis-glycosylated diamino alcohols. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 5668-5679.	3.0	34
4	Synthesis and antimycobacterial activities of glycosylated amino alcohols and amines. <i>European Journal of Medicinal Chemistry</i> , 2005, 40, 351-360.	5.5	33
5	Synthesis of glycosylated β -Amino hydroxamates as new class of antimalarials. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 5363-5374.	3.0	30
6	4-Methyl-7-(tetradecanoyl)-2H-1-benzopyran-2-one: a novel DNA topoisomerase II inhibitor with adulticidal and embryostatic activity against sub-periodic <i>Brugia malayi</i> . <i>Parasitology Research</i> , 2004, 92, 177-182.	1.6	29
7	Filariasis: Current Status, Treatment and Recent Advances in Drug Development. <i>Current Medicinal Chemistry</i> , 2011, 18, 2174-2185.	2.4	29
8	Synthesis and antifilarial evaluation of N1,N n- xylofuranosylated diaminoalkanes. <i>Bioorganic and Medicinal Chemistry</i> , 2003, 11, 1789-1800.	3.0	27
9	Synthesis and biological evaluation of 4-oxycoumarin derivatives as a new class of antifilarial agents. <i>European Journal of Medicinal Chemistry</i> , 2015, 94, 211-217.	5.5	25
10	Amberlite IR-120 catalysed efficient synthesis of glycosyl enamines and their application. <i>Tetrahedron Letters</i> , 2003, 44, 6639-6642.	1.4	24
11	Recent Developments in Search of Antifilarial Agents. <i>Current Medicinal Chemistry</i> , 2006, 13, 3319-3334.	2.4	20
12	Synthesis, antimicrobial, cytotoxic and <i>E. coli</i> DNA gyrase inhibitory activities of coumarinyl amino alcohols. <i>Bioorganic Chemistry</i> , 2017, 71, 120-127.	4.1	20
13	Design, Synthesis and Biological Evaluation of Some New Coumarin Derivatives as Potential Antimicrobial Agents. <i>Medicinal Chemistry</i> , 2015, 11, 128-134.	1.5	19
14	Diastereoselective Synthesis of Galactopyranosyl Amino Esters and Their Transformation into β -Nucleosides. <i>Journal of Carbohydrate Chemistry</i> , 2004, 23, 49-70.	1.1	15
15	Synthesis, antimicrobial and chitinase inhibitory activities of 3-amidocoumarins. <i>Bioorganic Chemistry</i> , 2020, 98, 103700.	4.1	15
16	Isolation and purification of antibacterial compound from <i>Streptomyces levis</i> collected from soil sample of north India. <i>PLoS ONE</i> , 2018, 13, e0200500.	2.5	14
17	One-pot Amberlite IR-120 Catalysed Synthesis of Glycosyl Dihydropyridones. <i>Monatshefte für Chemie</i> , 2007, 138, 1297-1302.	1.8	10
18	Search for new prototypes for the chemotherapy of filariasis: a chemotherapeutic and biochemical approach. <i>Parasitology Research</i> , 2005, 95, 383-390.	1.6	8

#	ARTICLE	IF	CITATIONS
19	Facile construction of 4H-chromenes via Michael addition of phenols to benzylidene oxobutanoates and their successful conversion into pyranocoumarins. <i>Tetrahedron Letters</i> , 2018, 59, 2347-2351.	1.4	8
20	Biotransformation of newly synthesized coumarin derivatives by <i>Candida albicans</i> as potential antibacterial, antioxidant and cytotoxic agents. <i>Process Biochemistry</i> , 2019, 87, 138-144.	3.7	7
21	INHIBITORS OF FILARIAL GAMMA-GLUTAMYL CYCLE ENZYMES AS POSSIBLE MACROFILARICIDAL AGENTS. <i>Medicinal Chemistry Research</i> , 2004, 13, 707-723.	2.4	6
22	l-Proline catalyzed condensation of salicylaldehydes with ethyl nitroacetate: an efficient access to 3-nitrocoumarins. <i>Monatshefte für Chemie</i> , 2016, 147, 2157-2161.	1.8	5
23	Synthesis and Antifilarial Evaluation of 7-O-Acetamidyl-4-alkyl-2H-1-benzopyran-2-ones. <i>Arzneimittelforschung</i> , 2003, 53, 857-863.	0.4	4
24	A Versatile Synthesis of Dihydropyrimidinone Nucleosides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2004, 23, 531-544.	1.1	4
25	Synthesis, Structure Elucidation, Homology Modeling and Antifilarial Activity of 7-Benzamidocoumarin Derivatives. <i>ChemistrySelect</i> , 2019, 4, 3300-3307.	1.5	4
26	Recent Advances in the Development of Coumarin Derivatives as Antifungal Agents. , 2019, , 235-263.		4
27	Synthesis and Antifungal Activity of Some Novel Coumarin Amino Acid Conjugates. <i>ChemistrySelect</i> , 2022, 7, .	1.5	4
28	Resolution, absolute configuration and antifilarial activity of coumarinyl amino alcohols. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 734-743.	1.8	3
29	ANTIMICROBIAL AND CHITINASE INHIBITORY ACTIVITIES OF 7-BENZAMIDOCUMARINS. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 0, , 114-119.	0.3	1
30	Combined experimental and theoretical studies on 4-(2-hydroxy-3-morpholin-4-yl-propoxy)-chromen-2-one. <i>Journal of Theoretical and Computational Chemistry</i> , 2016, 15, 1650017.	1.8	0