

# Vinod K Tiwari

## List of Publications by Citations

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151  
papers

4,668  
citations

35  
h-index

63  
g-index

181  
ext. papers

5,254  
ext. citations

4.2  
avg, IF

5.92  
L-index

#	Paper	IF	Citations
151	Natural products: an evolving role in future drug discovery. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 4769-807	6.8	558
150	Cu-Catalyzed Click Reaction in Carbohydrate Chemistry. <i>Chemical Reviews</i> , <b>2016</b> , 116, 3086-240	68.1	490
149	Recent Development on Catalytic Reductive Amination and Applications. <i>Current Organic Chemistry</i> , <b>2008</b> , 12, 1093-1115	1.7	182
148	Fighting tuberculosis: an old disease with new challenges. <i>Medicinal Research Reviews</i> , <b>2005</b> , 25, 93-131	14.4	178
147	Natural product based leads to fight against leishmaniasis. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 18-45	3.4	134
146	Synthesis and antitubercular screening of imidazole derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 3350-5	6.8	109
145	A sialylated glycan microarray reveals novel interactions of modified sialic acids with proteins and viruses. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 31610-22	5.4	107
144	<i>Pasteurella multocida</i> sialic acid aldolase: a promising biocatalyst. <i>Applied Microbiology and Biotechnology</i> , <b>2008</b> , 79, 963-70	5.7	94
143	Chemoenzymatic synthesis of GD3 oligosaccharides and other disialyl glycans containing natural and non-natural sialic acids. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 18467-77	16.4	88
142	Synthesis and bioevaluation of glycosyl ureas as alpha-glucosidase inhibitors and their effect on mycobacterium. <i>Bioorganic and Medicinal Chemistry</i> , <b>2003</b> , 11, 2911-22	3.4	76
141	Click chemistry inspired synthesis of glycoporphyrin dendrimers. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 8184-90	4.2	70
140	Alkaloids: future prospective to combat leishmaniasis. <i>Phytotherapy Research</i> , <b>2009</b> , 80, 81-90	3.2	70
139	Synthesis of glycosylated beta-amino acids as new class of antitubercular agents. <i>European Journal of Medicinal Chemistry</i> , <b>2002</b> , 37, 773-81	6.8	70
138	Fighting against Leishmaniasis: search of alkaloids as future true potential anti-Leishmanial agents. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2009</b> , 9, 107-23	3.2	69
137	Multifunctionality of <i>Campylobacter jejuni</i> sialyltransferase CstII: characterization of GD3/GT3 oligosaccharide synthase, GD3 oligosaccharide sialidase, and trans-sialidase activities. <i>Glycobiology</i> , <b>2008</b> , 18, 686-97	5.8	67
136	Diacetoxiodobenzene mediated one-pot synthesis of diverse carboxamides from aldehydes. <i>Organic Letters</i> , <b>2012</b> , 14, 2936-9	6.2	64
135	Carbohydrate based potential chemotherapeutic agents: recent developments and their scope in future drug discovery. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2012</b> , 12, 1497-519	3.2	62

134	Click chemistry inspired synthesis of morpholine-fused triazoles. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 5752-62	4.2	61
133	Click Reaction in Carbohydrate Chemistry: Recent Developments and Future Perspective+. <i>Current Organic Synthesis</i> , <b>2013</b> , 10, 90-135	1.9	60
132	Substrate promiscuity of N-acetylhexosamine 1-kinases. <i>Molecules</i> , <b>2011</b> , 16, 6396-407	4.8	58
131	Alkaloids as potential anti-tubercular agents. <i>Phytotherapy</i> , <b>2009</b> , 80, 149-63	3.2	57
130	Synthesis and antimycobacterial activity of 3,5-disubstituted thiadiazine thiones. <i>Bioorganic and Medicinal Chemistry</i> , <b>2003</b> , 11, 4369-75	3.4	52
129	Cu(I)-Catalyzed Click Chemistry in Glycoscience and Their Diverse Applications. <i>Chemical Reviews</i> , <b>2021</b> , 121, 7638-7956	68.1	49
128	Effect of Chlorogenic Acid Supplementation in MPTP-Intoxicated Mouse. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 757	5.6	48
127	Tinospora cordifolia Suppresses Neuroinflammation in Parkinsonian Mouse Model. <i>NeuroMolecular Medicine</i> , <b>2019</b> , 21, 42-53	4.6	47
126	Recent developments in benzotriazole methodology for construction of pharmacologically important heterocyclic skeletons. <i>Monatshefte für Chemie</i> , <b>2010</b> , 141, 1159-1182	1.4	46
125	Synthesis of glycoconjugate benzothiazoles via cleavage of benzotriazole ring. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 899-909	4.2	45
124	Limitations of Current Therapeutic Options, Possible Drug Targets and Scope of Natural Products in Control of Leishmaniasis. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2018</b> , 18, 26-41	3.2	42
123	Synthesis of 2-N/S/C-substituted benzothiazoles via intramolecular cyclative cleavage of benzotriazole ring. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 251-66	4.2	41
122	Emblica officinalis corrects functional, biochemical and molecular deficits in experimental diabetic neuropathy by targeting the oxido-nitrosative stress mediated inflammatory cascade. <i>Phytotherapy Research</i> , <b>2011</b> , 25, 1527-36	6.7	41
121	Chemoenzymatic synthesis of C8-modified sialic acids and related $\alpha$ -3- and $\alpha$ -6-linked sialosides. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2011</b> , 21, 5037-40	2.9	40
120	Synthesis of Benz-Fused Azoles via C-Heteroatom Coupling Reactions Catalyzed by Cu(I) in the Presence of Glycosyltriazole Ligands. <i>ACS Combinatorial Science</i> , <b>2019</b> , 21, 389-399	3.9	38
119	Antifungal constituents isolated from the seeds of Aegle marmelos. <i>Phytochemistry</i> , <b>2010</b> , 71, 230-4	4	36
118	Synthesis of galactopyranosyl amino alcohols as a new class of antitubercular and antifungal agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2004</b> , 14, 329-32	2.9	36
117	Isolation and Characterization of "Terrein" an Antimicrobial and Antitumor Compound from Endophytic Fungus (JAS-2) Associated from Varanasi, India. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1334	5.7	35

116	Disaccharide-Containing Macrocycles by Click Chemistry and Intramolecular Glycosylation. <i>European Journal of Organic Chemistry</i> , <b>2012</b> , 2012, 2945-2956	3.2	34
115	Synthesis and antimycobacterial activities of glycosylated amino alcohols and amines. <i>European Journal of Medicinal Chemistry</i> , <b>2005</b> , 40, 351-60	6.8	33
114	One-Pot Synthesis of Glycosyl-Hydroxamic Acid Ester via Diazotransfer Reaction Toward Access of Glycosyl-Triazolyl Ester. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 4869-81	4.2	32
113	A novel antifungal anthraquinone from seeds of <i>Aegle marmelos</i> Correa (family Rutaceae). <i>Phytotherapy Research</i> , <b>2010</b> , 81, 104-7	3.2	32
112	Synthesis and antitubercular activities of bis-glycosylated diamino alcohols. <i>Bioorganic and Medicinal Chemistry</i> , <b>2005</b> , 13, 5668-79	3.4	32
111	Click inspired synthesis of antileishmanial triazolyl O-benzylquercetin glycoconjugates. <i>Glycoconjugate Journal</i> , <b>2015</b> , 32, 127-40	3	30
110	Click chemistry inspired highly facile synthesis of triazolyl ethisterone glycoconjugates. <i>Steroids</i> , <b>2014</b> , 80, 71-9	2.8	29
109	Identification and Characterization of miRNAs in Response to Infection: Delineation of Their Roles in Macrophage Dysfunction. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 314	5.7	28
108	Drug development against tuberculosis: Impact of alkaloids. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 137, 504-544	6.8	26
107	Facile route for <i>N</i> -aryl benzotriazoles from diazoamino arynes via CuI-mediated intramolecular <i>N</i> -arylation. <i>Tetrahedron Letters</i> , <b>2010</b> , 51, 5740-5743	2	26
106	Synthesis and antitubercular activity of substituted phenylmethyl- and pyridylmethyl amines. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 8186-96	3.4	25
105	Synthesis and antifilarial evaluation of <i>N</i> 1, <i>N</i> <i>n</i> - xylofuranosylated diaminoalkanes. <i>Bioorganic and Medicinal Chemistry</i> , <b>2003</b> , 11, 1789-800	3.4	25
104	Carbohydrate-Based Therapeutics. <i>Studies in Natural Products Chemistry</i> , <b>2016</b> , 49, 307-361	1.5	25
103	An efficient one-pot synthesis of <i>N,N'</i> -disubstituted ureas and carbamates from <i>N</i> -acylbenzotriazoles. <i>RSC Advances</i> , <b>2016</b> , 6, 84512-84522	3.7	24
102	An efficient synthesis of aryloxyphenyl cyclopropyl methanones: a new class of anti-mycobacterial agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2005</b> , 15, 4526-30	2.9	24
101	CONJUGATE ADDITION OF AMINES TO SUGAR DERIVED OLEFINIC ESTERS: SYNTHESIS OF GLYCOSYLATED AMINO ESTERS AS DNA TOPOISOMERASE-II INHIBITORS. <i>Journal of Carbohydrate Chemistry</i> , <b>2002</b> , 21, 591-604	1.7	22
100	Fluorogenic dual click derived bis-glycoconjugated triazolocoumarins for selective recognition of Cu(II) ion. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 4532-4536	2	21
99	An antileishmanial prenyloxy-naphthoquinone from roots of <i>Plumbago zeylanica</i> . <i>Natural Product Research</i> , <b>2013</b> , 27, 480-5	2.3	21

98	First noscapine glycoconjugates inspired by click chemistry. <i>RSC Advances</i> , <b>2015</b> , 5, 51779-51789	3.7	21
97	Carbohydrate Chemistry and Room Temperature Ionic Liquids (RTILs): Recent Trends, Opportunities, Challenges and Future Perspectives. <i>Current Organic Synthesis</i> , <b>2010</b> , 7, 506-531	1.9	21
96	Amberlite IR-120 catalysed efficient synthesis of glycosyl enamines and their application. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 6639-6642	2	21
95	Synthesis, structure, and catalytic activities of new Cu(I) thiocarboxylate complexes. <i>RSC Advances</i> , <b>2014</b> , 4, 39790-39797	3.7	20
94	Efficient synthesis of ethisterone glycoconjugate via bis-triazole linkage. <i>Carbohydrate Research</i> , <b>2014</b> , 399, 2-7	2.9	20
93	Benzotriazole as an Efficient Ligand in Cu-Catalyzed Glaser Reaction. <i>ACS Omega</i> , <b>2019</b> , 4, 2418-2424	3.9	19
92	Silicon Industry Waste Polymethylhydrosiloxane-Mediated Benzotriazole Ring Cleavage: A Practical and Green Synthesis of Diverse Benzothiazoles. <i>ACS Omega</i> , <b>2019</b> , 4, 6681-6689	3.9	19
91	Metal free synthesis of morpholine fused [5,1-c] triazolyl glycoconjugates via glycosyl azido alcohols. <i>RSC Advances</i> , <b>2015</b> , 5, 86840-86848	3.7	19
90	An unprecedented deoxygenation protocol of benzylic alcohols using bis(1-benzotriazolyl)methanethione. <i>RSC Advances</i> , <b>2015</b> , 5, 31584-31593	3.7	19
89	Natural products as leads to potential mosquitocides. <i>Phytochemistry Reviews</i> , <b>2014</b> , 13, 587-627	7.7	18
88	Solution-phase synthesis of a library of carbapeptide analogues based on glycosylamino acid scaffolds and their in silico screening and antimicrobial evaluation. <i>ACS Combinatorial Science</i> , <b>2009</b> , 11, 422-7		18
87	DBU-assisted cyclorelease elimination: combinatorial synthesis and gamma-glutamyl cysteine synthetase and glutathione-S-transferase modulatory effect of C-nucleoside analogs. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2003</b> , 6, 37-50	1.3	18
86	Effect of functionalities on the crystal structures of new zinc(II) dithiocarbamates: a combined anti-leishmanial and thermal decomposition study. <i>CrystEngComm</i> , <b>2017</b> , 19, 2660-2672	3.3	17
85	Regioselective facile synthesis of novel isoxazole-linked glycoconjugates. <i>RSC Advances</i> , <b>2015</b> , 5, 41520-41535	3.7	17
84	A dinuclear copper(i) thiodiacetate complex as an efficient and reusable 'click' catalyst for the synthesis of glycoconjugates. <i>Dalton Transactions</i> , <b>2017</b> , 46, 12705-12710	4.3	17
83	Lewis-Acid-Mediated Benzotriazole Ring Cleavage (BtRC) Strategy for the Synthesis of 2-Aryl Benzoxazoles from -Acylobenzotriazoles. <i>ACS Omega</i> , <b>2017</b> , 2, 5044-5051	3.9	17
82	A thiocyanopalladation/carbocyclization transformation identified through enzymatic screening: stereocontrolled tandem C-SCN and C-C bond formation. <i>Chemical Science</i> , <b>2017</b> , 8, 8050-8060	9.4	16
81	Structural basis for substrate specificity and mechanism of N-acetyl-D-neuraminic acid lyase from <i>Pasteurella multocida</i> . <i>Biochemistry</i> , <b>2013</b> , 52, 8570-9	3.2	16

80	One-pot, Simple, and Convenient Synthesis of 2-Thioxo-2,3-dihydroquinazolin-4(1H)-ones. <i>Monatshefte Für Chemie</i> , <b>2008</b> , 139, 43-48	1.4	16
79	Carbohydrate-Based Organocatalysts: Recent Developments and Future Perspectives. <i>Current Organic Synthesis</i> , <b>2015</b> , 13, 176-219	1.9	16
78	Highly efficient structurally characterised novel precatalysts: di- and mononuclear heteroleptic Cu(I) dioxanthate/xanthate-phosphine complexes for azide-alkyne cycloadditions. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 8939-8949	3.6	15
77	7-O-[4-methyl piperazine-1-(2-acetyl)]-2H-1-benzopyran-2-one: a novel antifilarial lead compound. <i>Acta Tropica</i> , <b>2003</b> , 87, 215-24	3.2	15
76	Effect of soil burning on microfungi. <i>Plant and Soil</i> , <b>1977</b> , 47, 693-697	4.2	15
75	A facile one-pot MW approach for N3-(heteroaryl-2-yl)- 2-thioxo-2,3-dihydro-1H-quinazolin-4-one. <i>Arkivoc</i> , <b>2008</b> , 2008, 27-36	0.9	15
74	Making of water soluble curcumin to potentiate conventional antimicrobials by inducing apoptosis-like phenomena among drug-resistant bacteria. <i>Scientific Reports</i> , <b>2020</b> , 10, 14204	4.9	15
73	Cyclo-Release Strategy in Solid-Phase Combinatorial Synthesis of Heterocyclic Skeletons. <i>Advances in Heterocyclic Chemistry</i> , <b>2012</b> , 41-99	2.4	14
72	One-Pot Convenient and High Yielding Synthesis of Dithiocarbamates. <i>Monatshefte Für Chemie</i> , <b>2007</b> , 138, 653-658	1.4	14
71	Click inspired synthesis of hexa and octadecavalent peripheral galactosylated glycodendrimers and their possible therapeutic applications. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 12475-12482	3.6	13
70	Difuranonaphthoquinones from <i>Plumbago zeylanica</i> roots. <i>Phytochemistry Letters</i> , <b>2010</b> , 3, 62-65	1.9	13
69	Click inspired synthesis of triazole-linked vanillin glycoconjugates. <i>Glycoconjugate Journal</i> , <b>2017</b> , 34, 61-70		12
68	Catalytic activity of new heteroleptic [Cu(PPh <sub>3</sub> ) <sub>2</sub> (E <sub>2</sub> xodithioester)] complexes: click derived triazolyl glycoconjugates. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 1166-1176	3.6	12
67	An Improved Synthesis of Urea Derivatives from N-Acylbenzotriazole via Curtius Rearrangement. <i>Synthesis</i> , <b>2019</b> , 51, 3443-3450	2.9	11
66	An expeditious click approach towards the synthesis of galactose coated novel glyco-dendrimers and dendromers utilizing a double stage convergent method.. <i>RSC Advances</i> , <b>2020</b> , 10, 31553-31562	3.7	11
65	An Unprecedented Synthesis of N-Phenyl Amides via Cleavage of Benzotriazole Ring under Free Radical Condition. <i>ChemistrySelect</i> , <b>2017</b> , 2, 224-229	1.8	10
64	Design, Synthesis and Pharmacological Evaluation of Noscapine Glycoconjugates. <i>ChemistrySelect</i> , <b>2019</b> , 4, 2644-2648	1.8	10
63	One-pot synthesis of oxazolidine-2-thione and thiozolidine-2-thione from sugar azido-alcohols. <i>Carbohydrate Research</i> , <b>2017</b> , 450, 1-9	2.9	10

62	Parameters influencing transient and stable transformation of barley ( <i>Hordeum vulgare</i> L.) protoplasts. <i>Plant Cell, Tissue and Organ Culture</i> , <b>1995</b> , 41, 125-138	2.7	10
61	Free Radical Synthetic Protocol for Benzothiazoles via Ring Opening of Benzotriazole: A Two-step Organic Chemistry Experiment for Undergraduate and Postgraduate Students. <i>Journal of Heterocyclic Chemistry</i> , <b>2019</b> , 56, 275-280	1.9	10
60	Solute carrier protein family 11 member 1 (Slc11a1) activation efficiently inhibits survival in host macrophages. <i>Journal of Parasitic Diseases</i> , <b>2017</b> , 41, 671-677	1.3	9
59	An Improved Synthetic Protocol for Benzothiazoles via Ring Opening of Benzotriazole. <i>ChemistrySelect</i> , <b>2018</b> , 3, 7809-7812	1.8	9
58	A Convenient Synthesis of Novel Glycosyl Azetidines Under Mitsunobu Reaction Conditions. <i>Synthetic Communications</i> , <b>2012</b> , 42, 3598-3613	1.7	9
57	Glycosyl based meso-substituted dipyrromethanes as fluorescent probes for Cd <sup>2+</sup> /Cu <sup>2+</sup> ions. <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 4193-4197	2	9
56	A highly expeditious synthesis of a bicyclic iminosugar using the novel key step of [NMM] <sup>+</sup> [HSO <sub>4</sub> ] <sup>-</sup> promoted conjugate addition and Mitsunobu reaction. <i>RSC Advances</i> , <b>2013</b> , 3, 5794	3.7	9
55	Facile Synthesis of Novel Glycosyl Carboxamide with Sugar in Furanose and Pyranose form Using Benzotriazole Methodology. <i>Letters in Organic Chemistry</i> , <b>2010</b> , 7, 136-143	0.6	9
54	One-pot Amberlite IR-120 Catalysed Synthesis of Glycosyl Dihydropyridones. <i>Monatshefte für Chemie</i> , <b>2007</b> , 138, 1297-1302	1.4	9
53	Highly efficient and recyclable pre-catalysts based on mono- and dinuclear heteroleptic Cu(I) dithio-PPh <sub>3</sub> complexes to produce variety of glycoconjugate triazoles. <i>Molecular Catalysis</i> , <b>2019</b> , 470, 152-163	3.3	8
52	Benzotriazole-Mediated Facile Synthesis of Novel Glycosyl Tetrazole. <i>Journal of Carbohydrate Chemistry</i> , <b>2012</b> , 31, 130-142	1.7	8
51	Dielectric and Dynamic Mechanical Behaviour of Poly(vinylchloride) Containing Small Amounts of Cholesterol, Cholesteryl Chloride, and Cholesteryl Benzoate. <i>Polymer Journal</i> , <b>1983</b> , 15, 377-383	2.7	8
50	Click inspired synthesis of p-tert-butyl calix[4]arene tethered benzotriazolyl dendrimers and their evaluation as anti-bacterial and anti-biofilm agents. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 19300-19313	3.6	8
49	Triazolyl Glycoconjugates in Medicinal Chemistry <b>2013</b> , 293-323		7
48	Synthesis of alpha-mannosylated phenolics as alpha-glucosidase inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2004</b> , 19, 107-12	5.6	7
47	One-Pot Facile Synthesis of 1,5-Disubstituted Triazolyl Glycoconjugates from Nitrostyrenes. <i>ChemistrySelect</i> , <b>2016</b> , 1, 3693-3698	1.8	7
46	An Improved N-Acylation of 1H-Benzotriazole Using 2,2'-Dipyridyl Disulfide and Triphenylphosphine. <i>Synthesis</i> , <b>2019</b> , 51, 470-476	2.9	7
45	N-Acylbenzotriazole as Efficient Ligand in Copper-Catalyzed O-Arylation Leading to Diverse Benzoxazoles. <i>ChemistrySelect</i> , <b>2017</b> , 2, 154-159	1.8	6

44	Leishmania donovani infection induce differential miRNA expression in CD4+ T cells. <i>Scientific Reports</i> , <b>2020</b> , 10, 3523	4.9	6
43	A novel naphthoquinone from <i>Plumbago zeylanica</i> roots. <i>Chemistry of Natural Compounds</i> , <b>2010</b> , 46, 517-519	0.7	6
42	Development of Diverse Range of Biologically Relevant Carbohydrate-Containing Molecules: Twenty Years of Our Journey*. <i>Chemical Record</i> , <b>2021</b> , 21, 3029-3048	6.6	6
41	Trichloroisocyanuric Acid Mediated High-Yielding Synthesis of N-Acylbenzotriazoles under Mild Reaction Conditions. <i>Synthesis</i> , <b>2019</b> , 51, 2183-2190	2.9	6
40	Synthesis of Novel Bis-Triazolyl Glycoconjugates via Dual Click Reaction for the Selective Recognition of Cu(II) Ions. <i>ChemistrySelect</i> , <b>2017</b> , 2, 9466-9471	1.8	5
39	Click Inspired Synthesis of Novel Cinchonidine Glycoconjugates as Promising Plasmepsin Inhibitors. <i>Scientific Reports</i> , <b>2020</b> , 10, 3586	4.9	5
38	Synthesis of 1-(2-bromo-1-arylethyl)-1H-benzotriazoles via NBS promoted addition of 1H-benzotriazole to alkene: Relevance in benzotriazole ring cleavage. <i>Tetrahedron</i> , <b>2020</b> , 76, 131078	2.4	5
37	Ionic Liquids-Prompted Synthesis of Biologically Relevant Five- and Six-Membered Heterocyclic Skeletons: An Update <b>2015</b> , 437-493		5
36	Synthesis of a Series of a Few Hydrosulfide Complexes of Cu(I). A $\pi$ -SH-Bridged Rare Cubane-like Tetramer Showing Efficient Catalytic Activity toward Azide-Alkyne Cycloaddition. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 8075-8084	5.1	5
35	Glycosyl Triazole Ligand for Temperature-Dependent Competitive Reactions of Cu-Catalyzed Sonogashira Coupling and Glaser Coupling. <i>Journal of Organic Chemistry</i> , <b>2021</b> ,	4.2	5
34	Click Inspired Synthesis of 1,2,3-Triazole-linked 1,3,4-Oxadiazole Glycoconjugates. <i>Journal of Heterocyclic Chemistry</i> , <b>2017</b> , 54, 2454-2462	1.9	4
33	Leishmaniasis control: limitations of current drugs and prospects of natural products <b>2019</b> , 293-350		4
32	2-Mercaptoquinoline Analogues: A Potent Antileishmanial Agent. <i>ChemistrySelect</i> , <b>2018</b> , 3, 1688-1692	1.8	4
31	A new antifungal eudesmanolide glycoside isolated from <i>Sphaeranthus indicus</i> Linn. (Family Compositae). <i>Natural Product Research</i> , <b>2016</b> , 30, 2770-2776	2.3	4
30	Leishmania donovani infection activates Toll-like receptor 2, 4 expressions and Transforming growth factor-beta mediated apoptosis in renal tissues. <i>Brazilian Journal of Infectious Diseases</i> , <b>2017</b> , 21, 545-549	2.8	4
29	Synthesis and antifilarial evaluation of 7-O-acetamidyl-4-alkyl-2H-1-benzopyran-2-ones. <i>Arzneimittelforschung</i> , <b>2003</b> , 53, 857-63		4
28	INHIBITORS OF FILARIAL GAMMA-GLUTAMYL CYCLE ENZYMES AS POSSIBLE MACROFILARICIDAL AGENTS. <i>Medicinal Chemistry Research</i> , <b>2004</b> , 13, 707-723	2.2	4
27	An expeditious one-pot synthesis of thiourea derivatives of carbohydrates from sugar azides. <i>Journal of Carbohydrate Chemistry</i> , <b>2020</b> , 39, 334-353	1.7	4



26	d-Glucosamine as the Green Ligand for Cu(I)-Catalyzed Regio- and Stereoselective Domino Synthesis of (S)-3-Methyleneisindoline-1-ones and (S)-Aryl-4-thiochromen-4-imines. <i>ACS Omega</i> , <b>2021</b> , 6, 21125-21138	3.9	4
25	Synthesis of novel macrocyclic crown ethers from D-glucose. <i>Journal of Carbohydrate Chemistry</i> , <b>2016</b> , 35, 238-248	1.7	3
24	Isolation of a new flavonoid and waste to wealth recovery of 6-Ascorbyl Esters from Seeds of (family- Rutaceae). <i>Natural Product Research</i> , <b>2019</b> , 33, 2236-2242	2.3	3
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