Vinod K Tiwari

List of Publications by Year
in descending order

157	6,032	87723	85405
papers	citations	38	71
		h-index	g-index

181	181	181	7361
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Natural products: An evolving role in future drug discovery. European Journal of Medicinal Chemistry, 2011, 46, 4769-4807.	2.6	681
2	Cu-Catalyzed Click Reaction in Carbohydrate Chemistry. Chemical Reviews, 2016, 116, 3086-3240.	23.0	642
3	Recent Development on Catalytic Reductive Amination and Applications. Current Organic Chemistry, 2008, 12, 1093-1115.	0.9	205
4	Fighting tuberculosis: An old disease with new challenges. Medicinal Research Reviews, 2005, 25, 93-131.	5.0	199
5	Cu(I)-Catalyzed Click Chemistry in Glycoscience and Their Diverse Applications. Chemical Reviews, 2021, 121, 7638-7956.	23.0	197
6	Natural product based leads to fight against leishmaniasis. Bioorganic and Medicinal Chemistry, 2014, 22, 18-45.	1.4	168
7	Synthesis and antitubercular screening of imidazole derivativesâ˜†. European Journal of Medicinal Chemistry, 2009, 44, 3350-3355.	2.6	125
8	A Sialylated Glycan Microarray Reveals Novel Interactions of Modified Sialic Acids with Proteins and Viruses. Journal of Biological Chemistry, 2011, 286, 31610-31622.	1.6	125
9	Pasteurella multocida sialic acid aldolase: a promising biocatalyst. Applied Microbiology and Biotechnology, 2008, 79, 963-70.	1.7	108
10	Chemoenzymatic Synthesis of GD3 Oligosaccharides and Other Disialyl Glycans Containing Natural and Non-natural Sialic Acids. Journal of the American Chemical Society, 2009, 131, 18467-18477.	6.6	105
11	Effect of Chlorogenic Acid Supplementation in MPTP-Intoxicated Mouse. Frontiers in Pharmacology, 2018, 9, 757.	1.6	93
12	Alkaloids: Future prospective to combat leishmaniasis. FÃ¬toterapÃ¬Ã¢, 2009, 80, 81-90.	1.1	85
13	Fighting Against Leishmaniasis: Search of Alkaloids as Future True Potential Anti-Leishmanial Agents. Mini-Reviews in Medicinal Chemistry, 2009, 9, 107-123.	1.1	82
14	Synthesis and bioevaluation of glycosyl ureas as Î±-glucosidase inhibitors and their effect on mycobacterium. Bioorganic and Medicinal Chemistry, 2003, 11, 2911-2922.	1.4	81
15	Multifunctionality of Campylobacter jejuni sialyltransferase CstII: Characterization of GD3/GT3 oligosaccharide synthase, GD3 oligosaccharide sialidase, and trans-sialidase activities. Glycobiology, 2008, 18, 686-697.	1.3	80
16	Click Chemistry Inspired Synthesis of Glycoporphyrin Dendrimers. Journal of Organic Chemistry, 2013, 78, 8184-8190.	1.7	76
17	Substrate Promiscuity of N-Acetylhexosamine 1-Kinases. Molecules, 2011, 16, 6396-6407.	1.7	74
18	Carbohydrate based Potential Chemotherapeutic Agents: Recent Developments and their Scope in Future Drug Discovery. Mini-Reviews in Medicinal Chemistry, 2012, 12, 1497-1519.	1.1	74

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19	Diacetoxyiodobenzene Mediated One-Pot Synthesis of Diverse Carboxamides from Aldehydes. Organic Letters, 2012, 14, 2936-2939.	2.4	74
20	Synthesis of glycosylated Î²-amino acids as new class of antitubercular agents. European Journal of Medicinal Chemistry, 2002, 37, 773-781.	2.6	73
21	Tinospora cordifolia Suppresses Neuroinflammation in Parkinsonian Mouse Model. NeuroMolecular Medicine, 2019, 21, 42-53.	1.8	73
22	Alkaloids as potential anti-tubercular agents. FÃ¬toterapÃ¬Ã¢, 2009, 80, 149-163.	1.1	69
23	Limitations of Current Therapeutic Options, Possible Drug Targets and Scope of Natural Products in Control of Leishmaniasis. Mini-Reviews in Medicinal Chemistry, 2017, 18, 26-41.	1.1	69
24	Click Reaction in Carbohydrate Chemistry: Recent Developments and Future Perspective+. Current Organic Synthesis, 2013, 10, 90-135.	0.7	67
25	Click Chemistry Inspired Synthesis of Morpholine-Fused Triazoles. Journal of Organic Chemistry, 2014, 79, 5752-5762.	1.7	66
26	Emblica officinalis Corrects Functional, Biochemical and Molecular Deficits in Experimental Diabetic Neuropathy by Targeting the Oxidoâ€nitrosative Stress Mediated Inflammatory Cascade. Phytotherapy Research, 2011, 25, 1527-1536.	2.8	59
27	Synthesis of Benz-Fused Azoles via C-Heteroatom Coupling Reactions Catalyzed by Cu(I) in the Presence of Glycosyltriazole Ligands. ACS Combinatorial Science, 2019, 21, 389-399.	3.8	59
28	Identification and Characterization of miRNAs in Response to Leishmania donovani Infection: Delineation of Their Roles in Macrophage Dysfunction. Frontiers in Microbiology, 2017, 8, 314.	1.5	58
29	Synthesis and antimycobacterial activity of 3,5-disubstituted thiadiazine thiones. Bioorganic and Medicinal Chemistry, 2003, 11, 4369-4375.	1.4	57
30	Recent developments in benzotriazole methodology for construction of pharmacologically important heterocyclic skeletons. Monatshefte FÃ¼r Chemie, 2010, 141, 1159-1182.	0.9	55
31	Synthesis of Glycoconjugate Benzothiazoles via Cleavage of Benzotriazole Ring. Journal of Organic Chemistry, 2013, 78, 899-909.	1.7	53
32	Chemoenzymatic synthesis of C8-modified sialic acids and related Î±2â€“3- and Î±2â€“6-linked sialosides. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 5037-5040.	1.0	50
33	Synthesis of 2-N/S/C-Substituted Benzothiazoles via Intramolecular Cyclative Cleavage of Benzotriazole Ring. Journal of Organic Chemistry, 2014, 79, 251-266.	1.7	49
34	Isolation and Characterization of â€œTerreinâ€•an Antimicrobial and Antitumor Compound from Endophytic Fungus Aspergillus terreus (JAS-2) Associated from Achyranthus aspera Varanasi, India. Frontiers in Microbiology, 2017, 8, 1334.	1.5	49
35	Drug development against tuberculosis: Impact of alkaloids. European Journal of Medicinal Chemistry, 2017, 137, 504-544.	2.6	44
36	Antifungal constituents isolated from the seeds of Aegle marmelos. Phytochemistry, 2010, 71, 230-234.	1.4	42

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37	Disaccharideâ€Containing Macrocycles by Click Chemistry and Intramolecular Glycosylation. European Journal of Organic Chemistry, 2012, 2012, 2945-2956.	1.2	41
38	Synthesis of galactopyranosyl amino alcohols as a new class of antitubercular and antifungal agents. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 329-332.	1.0	40
39	One-Pot Synthesis of Glycosyl-Î²-azido Ester via Diazotransfer Reaction Toward Access of Glycosyl-Î²-triazolyl Ester. Journal of Organic Chemistry, 2015, 80, 4869-4881.	1.7	38
40	Carbohydrate-Based Therapeutics. Studies in Natural Products Chemistry, 2016, 49, 307-361.	0.8	38
41	A novel antifungal anthraquinone from seeds of Aegle marmelos Correa (family Rutaceae). FÃ¬toterapÃ¬Ã¢, 2010, 81, 104-107.	1.1	36
42	Click chemistry inspired highly facile synthesis of triazolyl ethisterone glycoconjugates. Steroids, 2014, 80, 71-79.	0.8	36
43	Synthesis and antitubercular activities of bis-glycosylated diamino alcohols. Bioorganic and Medicinal Chemistry, 2005, 13, 5668-5679.	1.4	34
44	Synthesis and antimycobacterial activities of glycosylated amino alcohols and amines. European Journal of Medicinal Chemistry, 2005, 40, 351-360.	2.6	33
45	An efficient one-pot synthesis of N,Nâ€²-disubstituted ureas and carbamates from N-acylbenzotriazoles. RSC Advances, 2016, 6, 84512-84522.	1.7	33
46	Benzotriazole as an Efficient Ligand in Cu-Catalyzed Glaser Reaction. ACS Omega, 2019, 4, 2418-2424.	1.6	33
47	Click inspired synthesis of antileishmanial triazolyl O-benzylquercetin glycoconjugates. Glycoconjugate Journal, 2015, 32, 127-140.	1.4	31
48	Making of water soluble curcumin to potentiate conventional antimicrobials by inducing apoptosis-like phenomena among drug-resistant bacteria. Scientific Reports, 2020, 10, 14204.	1.6	31
49	Facile route for N1-aryl benzotriazoles from diazoamino arynes via CuI-mediated intramolecular N-arylation. Tetrahedron Letters, 2010, 51, 5740-5743.	0.7	28
50	Natural products as leads to potential mosquitocides. Phytochemistry Reviews, 2014, 13, 587-627.	3.1	28
51	Fluorogenic dual click derived bis-glycoconjugated triazolocoumarins for selective recognition of Cu(II) ion. Tetrahedron Letters, 2014, 55, 4532-4536.	0.7	28
52	Synthesis and antifilarial evaluation of N1,N n- xylofuranosylated diaminoalkanes. Bioorganic and Medicinal Chemistry, 2003, 11, 1789-1800.	1.4	27
53	Lewis-Acid-Mediated Benzotriazole Ring Cleavage (BtRC) Strategy for the Synthesis of 2-Aryl Benzoxazoles from N-Acylbenzotriazoles. ACS Omega, 2017, 2, 5044-5051.	1.6	27
54	Synthesis and antitubercular activity of substituted phenylmethyl- and pyridylmethyl amines. Bioorganic and Medicinal Chemistry, 2006, 14, 8186-8196.	1.4	26

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55	Silicon Industry Waste Polymethylhydrosiloxane-Mediated Benzotriazole Ring Cleavage: A Practical and Green Synthesis of Diverse Benzothiazoles. ACS Omega, 2019, 4, 6681-6689.	1.6	26
56	CONJUGATE ADDITION OF AMINES TO SUGAR DERIVED OLEFINIC ESTERS: SYNTHESIS OF GLYCOSYLATED AMINO ESTERS AS DNA TOPOISOMERASE-II INHIBITORS. Journal of Carbohydrate Chemistry, 2002, 21, 591-604.	0.4	25
57	An efficient synthesis of aryloxyphenyl cyclopropyl methanones: a new class of anti-mycobacterial agents. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 4526-4530.	1.0	25
58	Synthesis, structure, and catalytic activities of new Cu(<scp>i</scp>) thiocarboxylate complexes. RSC Advances, 2014, 4, 39790-39797.	1.7	25
59	Amberlite IR-120 catalysed efficient synthesis of glycosyl enamines and their application. Tetrahedron Letters, 2003, 44, 6639-6642.	0.7	24
60	A dinuclear copper(<scp>i</scp>) thiodiacetate complex as an efficient and reusable â€˜clickâ€™ catalyst for the synthesis of glycoconjugates. Dalton Transactions, 2017, 46, 12705-12710.	1.6	24
61	Emerging impact of triazoles as anti-tubercular agent. European Journal of Medicinal Chemistry, 2022, 238, 114454.	2.6	24
62	Carbohydrate Chemistry and Room Temperature Ionic Liquids (RTILs): Recent Trends, Opportunities, Challenges and Future Perspectives. Current Organic Synthesis, 2010, 7, 506-531.	0.7	23
63	An antileishmanial prenyloxy-naphthoquinone from roots ofPlumbago zeylanica. Natural Product Research, 2013, 27, 480-485.	1.0	23
64	Efficient synthesis of ethisterone glycoconjugate via bis-triazole linkage. Carbohydrate Research, 2014, 399, 2-7.	1.1	23
65	First noscapine glycoconjugates inspired by click chemistry. RSC Advances, 2015, 5, 51779-51789.	1.7	23
66	Development of Diverse Range of Biologically Relevant Carbohydrateâ€Containing Molecules: Twenty Years of Our Journey**. Chemical Record, 2021, 21, 3029-3048.	2.9	22
67	Metal free synthesis of morpholine fused [5,1-c] triazolyl glycoconjugates via glycosyl azido alcohols. RSC Advances, 2015, 5, 86840-86848.	1.7	21
68	An unprecedented deoxygenation protocol of benzylic alcohols using bis(1-benzotriazolyl)methanethione. RSC Advances, 2015, 5, 31584-31593.	1.7	21
69	Glycosyl Triazole Ligand for Temperature-Dependent Competitive Reactions of Cu-Catalyzed Sonogashira Coupling and Glaser Coupling. Journal of Organic Chemistry, 2021, 86, 17884-17895.	1.7	21
70	Structural Basis for Substrate Specificity and Mechanism of N-Acetyl-<scp>d</scp>-neuraminic Acid Lyase from Pasteurella multocida. Biochemistry, 2013, 52, 8570-8579.	1.2	20
71	Regioselective facile synthesis of novel isoxazole-linked glycoconjugates. RSC Advances, 2015, 5, 41520-41535.	1.7	20
72	An Improved Synthesis of Urea Derivatives from N-Acylbenzotriazole via Curtius Rearrangement. Synthesis, 2019, 51, 3443-3450.	1.2	20

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73	An expeditious click approach towards the synthesis of galactose coated novel glyco-dendrimers and dentromers utilizing a double stage convergent method. RSC Advances, 2020, 10, 31553-31562.	1.7	20
74	Carbohydrate-Based Organocatalysts: Recent Developments and Future Perspectives. Current Organic Synthesis, 2015, 13, 176-219.	0.7	20
75	7-O-[4-methyl piperazine-1-(2-acetyl)]-2H-1-benzopyran-2-one: a novel antifilarial lead compound. Acta Tropica, 2003, 87, 215-224.	0.9	19
76	DBU-Assisted Cyclorelease Elimination: Combinatorial Synthesis and γ- Glutamyl Cysteine Synthetase and Glutathione-S-Transeferase Modulatory Effect of C-Nucleoside Analogs. Combinatorial Chemistry and High Throughput Screening, 2003, 6, 37-50.	0.6	19
77	One-pot, Simple, and Convenient Synthesis of 2-Thioxo-2,3-dihydroquinazolin-4(1H)-ones. Monatshefte FÃ¼r Chemie, 2008, 139, 43-48.	0.9	19
78	Cyclo-Release Strategy in Solid-Phase Combinatorial Synthesis of Heterocyclic Skeletons. Advances in Heterocyclic Chemistry, 2012, , 41-99.	0.9	19
79	A thiocyanopalladation/carbocyclization transformation identified through enzymatic screening: stereocontrolled tandem Câ€“SCN and Câ€“C bond formation. Chemical Science, 2017, 8, 8050-8060.	3.7	19
80	Solution-Phase Synthesis of a Library of Carbapeptide Analogues Based on Glycosylamino Acid Scaffolds and Their In Silico Screening and Antimicrobial Evaluation. ACS Combinatorial Science, 2009, 11, 422-427.	3.3	18
81	Effect of functionalities on the crystal structures of new zinc(<scp>ii</scp>) dithiocarbamates: a combined anti-leishmanial and thermal decomposition study. CrystEngComm, 2017, 19, 2660-2672.	1.3	18
82	One-Pot Convenient and High Yielding Synthesis of Dithiocarbamates. Monatshefte FÃ¼r Chemie, 2007, 138, 653-658.	0.9	17
83	Solute carrier protein family 11 member 1 (Slc11a1) activation efficiently inhibits Leishmania donovani survival in host macrophages. Journal of Parasitic Diseases, 2017, 41, 671-677.	0.4	17
84	Click inspired synthesis of hexa and octadecavalent peripheral galactosylated glycodendrimers and their possible therapeutic applications. New Journal of Chemistry, 2019, 43, 12475-12482.	1.4	17
85	Highly efficient structurally characterised novel precatalysts: di- and mononuclear heteroleptic Cu(<scp>i</scp>) dixanthate/xanthateâ€“phosphine complexes for azideâ€“alkyne cycloadditions. New Journal of Chemistry, 2019, 43, 8939-8949.	1.4	17
86	Click inspired synthesis of triazole-linked vanillin glycoconjugates. Glycoconjugate Journal, 2017, 34, 61-70.	1.4	16
87	Synthesis of a Series of a Few Hydrosulfide Complexes of Cu(I). A Î¼₃-SH-Bridged Rare Cubane-like Tetramer Showing Efficient Catalytic Activity toward Azideâ€“Alkyne Cycloaddition. Inorganic Chemistry, 2021, 60, 8075-8084.	1.9	16
88	Effect of soil burning on microfungi. Plant and Soil, 1977, 47, 693-697.	1.8	15
89	Difuranonaphthoquinones from Plumbago zeylanica roots. Phytochemistry Letters, 2010, 3, 62-65.	0.6	15
90	Catalytic activity of new heteroleptic [Cu(PPh3)2(Î²-oxodithioester)] complexes: click derived triazolyl glycoconjugates. New Journal of Chemistry, 2019, 43, 1166-1176.	1.4	15

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91	Click inspired synthesis of p-tert-butyl calix[4]arene tethered benzotriazolyl dendrimers and their evaluation as anti-bacterial and anti-biofilm agents. New Journal of Chemistry, 2020, 44, 19300-19313.	1.4	15
92	A facile one-pot MW approach for N3-(heteroaryl-2â€™-yl)- 2-thioxo-2,3-dihydro-1H-quinazolin-4-one. Arkivoc, 2008, 2008, 27-36.	0.3	15
93	An Unprecedented Synthesis of Nâ€Phenyl Amides via Cleavage of Benzotriazole Ring under Free Radical Condition. ChemistrySelect, 2017, 2, 224-229.	0.7	13
94	Design, Synthesis and Pharmacological Evaluation of Noscapine Glycoconjugates. ChemistrySelect, 2019, 4, 2644-2648.	0.7	13
95	Free Radical Synthetic Protocol for Benzothiazoles via Ring Opening of Benzotriazole: A Twoâ€step Organic Chemistry Experiment for Undergraduate and Postgraduate Students. Journal of Heterocyclic Chemistry, 2019, 56, 275-280.	1.4	13
96	Leishmania donovani infection induce differential miRNA expression in CD4+ T cells. Scientific Reports, 2020, 10, 3523.	1.6	13
97	Glycosyl based meso-substituted dipyrromethanes as fluorescent probes for Cd2+/Cu2+ ions. Tetrahedron Letters, 2013, 54, 4193-4197.	0.7	12
98	Oneâ€Pot Facile Synthesis of 1,5â€Disubstituted Triazolyl Glycoconjugates from Nitrostyrenes. ChemistrySelect, 2016, 1, 3693-3698.	0.7	12
99	One-pot synthesis of oxazolidine-2-thione and thiozolidine-2-thione from sugar azido-alcohols. Carbohydrate Research, 2017, 450, 1-9.	1.1	12
100	<scp>d</scp>-Glucosamine as the Green Ligand for Cu(I)-Catalyzed Regio- and Stereoselective Domino Synthesis of (Z)-3-Methyleneisoindoline-1-ones and (E)-N-Aryl-4H-thiochromen-4-imines. ACS Omega, 2021, 6, 21125-21138.	1.6	12
101	Parameters influencing transient and stable transformation of barley (Hordeum vulgare L.) protoplasts. Plant Cell, Tissue and Organ Culture, 1995, 41, 125-138.	1.2	11
102	Facile Synthesis of Novel Glycosyl Carboxamide with Sugar in Furanose and Pyranose form Using Benzotriazole Methodology. Letters in Organic Chemistry, 2010, 7, 136-143.	0.2	11
103	A Convenient Synthesis of Novel Glycosyl Azetidines Under Mitsunobu Reaction Conditions. Synthetic Communications, 2012, 42, 3598-3613.	1.1	11
104	Highly efficient and recyclable pre-catalysts based on mono- and dinuclear heteroleptic Cu(I) dithio-PPh3 complexes to produce variety of glycoconjugate triazoles. Molecular Catalysis, 2019, 470, 152-163.	1.0	11
105	Trichloroisocyanuric Acid Mediated High-Yielding Synthesis of N-Acylbenzotriazoles under Mild Reaction Conditions. Synthesis, 2019, 51, 2183-2190.	1.2	11
106	An Improved N-Acylation of 1H-Benzotriazole Using 2,2â€²-DipyridylÂdiÂsulfide and Triphenylphosphine. Synthesis, 2019, 51, 470-476.	1.2	11
107	Click Inspired Synthesis of Novel Cinchonidine Glycoconjugates as Promising Plasmepsin Inhibitors. Scientific Reports, 2020, 10, 3586.	1.6	11
108	Dielectric and Dynamic Mechanical Behaviour of Poly(vinylchloride) Containing Small Amounts of Cholesterol, Cholesteryl Chloride, and Cholesteryl Benzoate. Polymer Journal, 1983, 15, 377-383.	1.3	10

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109	One-pot Amberlite IR-120 Catalysed Synthesis of Glycosyl Dihydropyridones. Monatshefte FÃ¼r Chemie, 2007, 138, 1297-1302.	0.9	10
110	Leishmania donovani infection activates Toll-like receptor 2, 4 expressions and Transforming growth factor-beta mediated apoptosis in renal tissues. Brazilian Journal of Infectious Diseases, 2017, 21, 545-549.	0.3	10
111	An Improved Synthetic Protocol for Benzothiazoles via Ring Opening of Benzotriazole. ChemistrySelect, 2018, 3, 7809-7812.	0.7	10
112	Benzotriazole-Mediated Facile Synthesis of Novel Glycosyl Tetrazole. Journal of Carbohydrate Chemistry, 2012, 31, 130-142.	0.4	9
113	A highly expeditious synthesis of a bicyclic iminosugar using the novel key step of [NMM]+[HSO4]â¯ promoted conjugate addition and Mitsunobu reaction. RSC Advances, 2013, 3, 5794.	1.7	9
114	Nâ€Acylbenzotriazole as Efficient Ligand in Copperâ€Catalyzed Oâ€Arylation Leading to Diverse Benzoxazoles. ChemistrySelect, 2017, 2, 154-159.	0.7	9
115	N-Acylbenzotriazoles as Proficient Substrates for an Easy Access to Ureas, Acylureas, Carbamates, and Thiocarbamates via Curtius Rearrangement Using Diphenylphosphoryl Azide (DPPA) as Azide Donor. Synthesis, 2021, 53, 2494-2502.	1.2	9
116	Synthesis of Î±-Mannosylated Phenolics as Î±-Glucosidase Inhibitors*. Journal of Enzyme Inhibition and Medicinal Chemistry, 2004, 19, 107-112.	2.5	8
117	Recent Developments on Denitrogenative Functionalization of Benzotriazoles. Synthesis, 2020, 52, 3781-3800.	1.2	8
118	CuAAC mediated synthesis of cyclen cored glycodendrimers of high sugar tethers at low generation. Carbohydrate Research, 2021, 508, 108403.	1.1	8
119	Growing Impact of Carbohydrateâ€Based Organocatalysts. ChemistrySelect, 2022, 7, .	0.7	8
120	A novel naphthoquinone from Plumbago zeylanica roots. Chemistry of Natural Compounds, 2010, 46, 517-519.	0.2	7
121	2â€Mercaptoquinoline Analogues: A Potent Antileishmanial Agent. ChemistrySelect, 2018, 3, 1688-1692.	0.7	7
122	INHIBITORS OF FILARIAL GAMMA-GLUTAMYL CYCLE ENZYMES AS POSSIBLE MACROFILARICIDAL AGENTS. Medicinal Chemistry Research, 2004, 13, 707-723.	1.1	6
123	Ionic Liquids-Prompted Synthesis of Biologically Relevant Five- and Six-Membered Heterocyclic Skeletons. , 2015, , 437-493.		6
124	Click Inspired Synthesis of 1,2,3â€Triazoleâ€linked 1,3,4â€Oxadiazole Glycoconjugates. Journal of Heterocyclic Chemistry, 2017, 54, 2454-2462.	1.4	6
125	Synthesis of 1-(2-bromo-1-arylethyl)-1H-benzotriazoles via NBS promoted addition of 1H-benzotriazole to alkene: Relevance in benzotriazole ring cleavage. Tetrahedron, 2020, 76, 131078.	1.0	6
126	Dielectric and dynamic mechanical behavior of poly(vinyl acetate) containing small concentrations of cholesteryl additives. Journal of Applied Polymer Science, 1985, 30, 2869-2882.	1.3	5

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127	Synthesis of Novel Bis-Triazolyl Glycoconjugates via Dual Click Reaction for the Selective Recognition of Cu(II) Ions. ChemistrySelect, 2017, 2, 9466-9471.	0.7	5
128	Isolation of a new flavonoid and waste to wealth recovery of 6-O-Ascorbyl Esters from Seeds of Aegle marmelos (family- Rutaceae). Natural Product Research, 2019, 33, 2236-2242.	1.0	5
129	Recent trends and challenges on carbohydrate-based molecular scaffolding: general consideration toward impact of carbohydrates in drug discovery and development. , 2020, , 1-69.		5
130	Synthesis of biologically relevant heterocyclic skeletons under solvent-free condition. , 2021, , 421-459.		5
131	A new methodology for the synthesis of N-acylbenzotriazoles. Arkivoc, 2017, 2017, 80-88.	0.3	5
132	Synthesis and Antifilarial Evaluation of 7-O-Acetamidyl-4-alkyl-2H-1-benzopyran-2-ones. Arzneimittelforschung, 2003, 53, 857-863.	0.5	4
133	A new antifungal eudesmanolide glycoside isolated from Sphaeranthus indicus Linn. (Family) Tj ETQq1 1 0.784314 rgBT /Overl	1.0	4
134	Leishmaniasis control: limitations of current drugs and prospects of natural products. , 2019, , 293-350.		4
135	An expeditious one-pot synthesis of thiourea derivatives of carbohydrates from sugar azides. Journal of Carbohydrate Chemistry, 2020, 39, 334-353.	0.4	4
136	Efficient Production of the Potent Antimicrobial Metabolite â€œTerreinâ€•From the Fungus Aspergillus terreus. Natural Product Communications, 2020, 15, 1934578X2091286.	0.2	4
137	Galactose-Clicked Curcumin-Mediated Reversal of Meropenem Resistance among Klebsiella pneumoniae by Targeting Its Carbapenemases and the AcrAB-TolC Efflux System. Antibiotics, 2021, 10, 388.	1.5	4
138	DBU Catalyzed Cyclative Amidation Reaction: A Convenient Synthesis of C-Nucleoside Analogs. Synlett, 2002, 2002, 1779-1782.	1.0	3
139	Synthesis of novel macrocyclic crown ethers from D-glucose. Journal of Carbohydrate Chemistry, 2016, 35, 238-248.	0.4	3
140	Carbohydrate-Based Antidiabetic Agents From Natureâˆ—â€”This chapter is dedicated to Dr R P Tripathi, Senior Scientist at Central Drug Research Institute, Lucknow on the occasion of his 60th birthday celebration.. , 2017, , 147-183.		3
141	1â€(Hydroxymethyl)â€1 H â€benzotriazole: An Efficient Ligand for Copperâ€Catalyzed Ullmannâ€Type Coupling Reaction Leading to Expeditious Synthesis of Diverse Benzoxazoles and Benzothiazoles. ChemistrySelect, 2019, 4, 9627-9631.	0.7	3
142	Carbo-click in drug discovery and development: Opportunities and challenges. , 2020, , 403-450.		3
143	Sialic acid-containing molecules in drug discovery and development. , 2020, , 213-266.		3
144	Recent developments on ionic liquids-mediated synthetic protocols for biologically relevant five- and six-membered heterocyclic skeletons. , 2021, , 301-364.		3

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145	Room-Temperature Ionic Liquids in Glycoscience: Opportunities and Challenges+. Current Organic Chemistry, 2021, 25, .	0.9	3
146	Cycloelimination-assisted Combinatorial Synthesis of Diverse Heterocyclic Scaffolds of Chemotherapeutic Values. Current Organic Chemistry, 2019, 23, 768-808.	0.9	3
147	Trichloroacetamidate Triggered Expeditious and Novel Synthesis of N-Acylbenzotriazoles. SynOpen, 0, 05, .	0.8	2
148	Scope of Alkaloids in Antileishmanial Drug Discovery and Development. , 2013, , 1263-1299.		1
149	Click Reaction in Carbohydrate Chemistry: Recent Developments and Future Perspective. Current Organic Synthesis, 2013, 10, 90-135.	0.7	1
150	Targeting Leishmania Species: Nanotechnological Prospects. Advanced Science Letters, 2012, 5, 11-20.	0.2	1
151	Dinuclear Copper(I) Thiodiacetate Complex-Mediated Expeditious Synthesis of the Chlorine-Containing Cyclen-Cored 36-Glucose-Coated Glycodendrimer. Journal of Chemistry, 2021, 2021, 1-10.	0.9	1
152	Dynamic Mechanical Behaviour of Some Cholesteryl Liquid Crystals. Molecular Crystals and Liquid Crystals, 1983, 103, 299-305.	0.9	0
153	Effect of Heat Shock Treatment on Hordeum Vulgare Protoplast Transformation Mediated by Polyethylene Glycol. Biologia Plantarum, 2001, 44, 25-31.	1.9	0
154	Fighting Tuberculosis: An Old Disease with New Challenges. ChemInform, 2005, 36, no.	0.1	0
155	An Efficient Synthesis of Aryloxyphenyl Cyclopropyl Methanones: A New Class of Antimycobacterial Agents.. ChemInform, 2006, 37, no.	0.1	0
156	Facile Route for Novel Quinazolinone-Fused Azauracils through Cyclodesulfurization of Thioquinazolinones. Synlett, 2011, 2011, 195-198.	1.0	0
157	2.4 CuAAC in Carbohydrate Conjugation. , 2022, , .		0