

Vinod K Tiwari

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Emerging impact of triazoles as anti-tubercular agent. <i>European Journal of Medicinal Chemistry</i> , 2022 , 114454	6.8	2
150	Growing Impact of Carbohydrate-Based Organocatalysts. <i>ChemistrySelect</i> , 2022 , 7,	1.8	1
149	Dinuclear Copper(I) Thiodiacetate Complex-Mediated Expeditious Synthesis of the Chlorine-Containing Cyclen-Cored 36-Glucose-Coated Glycodendrimer. <i>Journal of Chemistry</i> , 2021 , 2021, 1-10	2.3	
148	Development of Diverse Range of Biologically Relevant Carbohydrate-Containing Molecules: Twenty Years of Our Journey*. <i>Chemical Record</i> , 2021 , 21, 3029-3048	6.6	6
147	Synthesis of a Series of a Few Hydrosulfide Complexes of Cu(I). A ESH-Bridged Rare Cubane-like Tetramer Showing Efficient Catalytic Activity toward Azide-Alkyne Cycloaddition. <i>Inorganic Chemistry</i> , 2021 , 60, 8075-8084	5.1	5
146	Cu(I)-Catalyzed Click Chemistry in Glycoscience and Their Diverse Applications. <i>Chemical Reviews</i> , 2021 , 121, 7638-7956	68.1	49
145	Synthesis of biologically relevant heterocyclic skeletons under solvent-free condition 2021 , 421-459		1
144	Recent developments on ionic liquids-mediated synthetic protocols for biologically relevant five- and six-membered heterocyclic skeletons 2021 , 301-364		2
143	d-Glucosamine as the Green Ligand for Cu(I)-Catalyzed Regio- and Stereoselective Domino Synthesis of (-)-3-Methyleneisindoline-1-ones and (-)-Aryl-4-thiochromen-4-imines. <i>ACS Omega</i> , 2021 , 6, 21125-21138	3.9	4
142	CuAAC mediated synthesis of cyclen cored glycodendrimers of high sugar tethers at low generation. <i>Carbohydrate Research</i> , 2021 , 508, 108403	2.9	1
141	Glycosyl Triazole Ligand for Temperature-Dependent Competitive Reactions of Cu-Catalyzed Sonogashira Coupling and Glaser Coupling. <i>Journal of Organic Chemistry</i> , 2021 ,	4.2	5
140	Click Inspired Synthesis of Novel Cinchonidine Glycoconjugates as Promising Plasmeprin Inhibitors. <i>Scientific Reports</i> , 2020 , 10, 3586	4.9	5
139	Leishmania donovani infection induce differential miRNA expression in CD4+ T cells. <i>Scientific Reports</i> , 2020 , 10, 3523	4.9	6
138	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> , 2020 , 76, 131078	2.4	5
137	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> , 2020 , 44, 19300-19313	3.6	8
136	An expeditious one-pot synthesis of thiourea derivatives of carbohydrates from sugar azides. <i>Journal of Carbohydrate Chemistry</i> , 2020 , 39, 334-353	1.7	4
135	Carbo-click in drug discovery and development: Opportunities and challenges 2020 , 403-450		0

134	Recent trends and challenges on carbohydrate-based molecular scaffolding: general consideration toward impact of carbohydrates in drug discovery and development 2020 , 1-69		2
133	Sialic acid-containing molecules in drug discovery and development 2020 , 213-266		2
132	Recent Developments on Denitrogenative Functionalization of Benzotriazoles. <i>Synthesis</i> , 2020 , 52, 3781-3800	3.9	3
131	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> , 2020 , 10, 31553-31562	3.7	11
130	Making of water soluble curcumin to potentiate conventional antimicrobials by inducing apoptosis-like phenomena among drug-resistant bacteria. <i>Scientific Reports</i> , 2020 , 10, 14204	4.9	15
129	Efficient Production of the Potent Antimicrobial Metabolite Terrein [®] From the Fungus <i>Aspergillus terreus</i> . <i>Natural Product Communications</i> , 2020 , 15, 1934578X2091286	0.9	3
128	Benzotriazole as an Efficient Ligand in Cu-Catalyzed Glaser Reaction. <i>ACS Omega</i> , 2019 , 4, 2418-2424	3.9	19
127	An Improved Synthesis of Urea Derivatives from N-Acylbenzotriazole via Curtius Rearrangement. <i>Synthesis</i> , 2019 , 51, 3443-3450	2.9	11
126	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> , 2019 , 43, 8939-8949	3.6	15
125	Leishmaniasis control: limitations of current drugs and prospects of natural products 2019 , 293-350		4
124	Design, Synthesis and Pharmacological Evaluation of Noscapine Glycoconjugates. <i>ChemistrySelect</i> , 2019 , 4, 2644-2648	1.8	10
123	Highly efficient and recyclable pre-catalysts based on mono- and dinuclear heteroleptic Cu(I) dithio-PPh ₃ complexes to produce variety of glycoconjugate triazoles. <i>Molecular Catalysis</i> , 2019 , 470, 152-163	3.3	8
122	Silicon Industry Waste Polymethylhydrosiloxane-Mediated Benzotriazole Ring Cleavage: A Practical and Green Synthesis of Diverse Benzothiazoles. <i>ACS Omega</i> , 2019 , 4, 6681-6689	3.9	19
121	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> , 2019 , 21, 389-399	3.9	38
120	Isolation of a new flavonoid and waste to wealth recovery of 6-Ascorbyl Esters from Seeds of (family- Rutaceae). <i>Natural Product Research</i> , 2019 , 33, 2236-2242	2.3	3
119	Click inspired synthesis of hexa and octadecavalent peripheral galactosylated glycodendrimers and their possible therapeutic applications. <i>New Journal of Chemistry</i> , 2019 , 43, 12475-12482	3.6	13
118	1-(Hydroxymethyl)-1H-benzotriazole: An Efficient Ligand for Copper-Catalyzed Ullmann-Type Coupling Reaction Leading to Expeditious Synthesis of Diverse Benzoxazoles and Benzothiazoles. <i>ChemistrySelect</i> , 2019 , 4, 9627-9631	1.8	2
117	Cycloelimination-assisted Combinatorial Synthesis of Diverse Heterocyclic Scaffolds of Chemotherapeutic Values. <i>Current Organic Chemistry</i> , 2019 , 23, 768-808	1.7	3

116	Trichloroisocyanuric Acid Mediated High-Yielding Synthesis of N-Acylbenzotriazoles under Mild Reaction Conditions. <i>Synthesis</i> , 2019 , 51, 2183-2190	2.9	6
115	An Improved N-Acylation of 1H-Benzotriazole Using 2,2'-Dipyridyl Disulfide and Triphenylphosphine. <i>Synthesis</i> , 2019 , 51, 470-476	2.9	7
114	Catalytic activity of new heteroleptic [Cu(PPh ₃) ₂ (Ebxodithioester)] complexes: click derived triazolyl glycoconjugates. <i>New Journal of Chemistry</i> , 2019 , 43, 1166-1176	3.6	12
113	Tinospora cordifolia Suppresses Neuroinflammation in Parkinsonian Mouse Model. <i>NeuroMolecular Medicine</i> , 2019 , 21, 42-53	4.6	47
112	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> , 2019 , 56, 275-280	1.9	10
111	2-Mercaptoquinoline Analogues: A Potent Antileishmanial Agent. <i>ChemistrySelect</i> , 2018 , 3, 1688-1692	1.8	4
110	An Improved Synthetic Protocol for Benzothiazoles via Ring Opening of Benzotriazole. <i>ChemistrySelect</i> , 2018 , 3, 7809-7812	1.8	9
109	Effect of Chlorogenic Acid Supplementation in MPTP-Intoxicated Mouse. <i>Frontiers in Pharmacology</i> , 2018 , 9, 757	5.6	48
108	Limitations of Current Therapeutic Options, Possible Drug Targets and Scope of Natural Products in Control of Leishmaniasis. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018 , 18, 26-41	3.2	42
107	An Unprecedented Synthesis of N-Phenyl Amides via Cleavage of Benzotriazole Ring under Free Radical Condition. <i>ChemistrySelect</i> , 2017 , 2, 224-229	1.8	10
106	N-Acylbenzotriazole as Efficient Ligand in Copper-Catalyzed O-Arylation Leading to Diverse Benzoxazoles. <i>ChemistrySelect</i> , 2017 , 2, 154-159	1.8	6
105	Solute carrier protein family 11 member 1 (Slc11a1) activation efficiently inhibits survival in host macrophages. <i>Journal of Parasitic Diseases</i> , 2017 , 41, 671-677	1.3	9
104	Carbohydrate-Based Antidiabetic Agents From Nature**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		2
103	Click Inspired Synthesis of 1,2,3-Triazole-linked 1,3,4-Oxadiazole Glycoconjugates. <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 2454-2462	1.9	4
102	Drug development against tuberculosis: Impact of alkaloids. <i>European Journal of Medicinal Chemistry</i> , 2017 , 137, 504-544	6.8	26
101	Effect of functionalities on the crystal structures of new zinc(II) dithiocarbamates: a combined anti-leishmanial and thermal decomposition study. <i>CrystEngComm</i> , 2017 , 19, 2660-2672	3.3	17
100	A thiocyanopalladation/carbocyclization transformation identified through enzymatic screening: stereocontrolled tandem C-SCN and C-C bond formation. <i>Chemical Science</i> , 2017 , 8, 8050-8060	9.4	16
99	Synthesis of Novel Bis-Triazolyl Glycoconjugates via Dual Click Reaction for the Selective Recognition of Cu(II) Ions. <i>ChemistrySelect</i> , 2017 , 2, 9466-9471	1.8	5

98	A dinuclear copper(i) thiodiacetate complex as an efficient and reusable 'click' catalyst for the synthesis of glycoconjugates. <i>Dalton Transactions</i> , 2017 , 46, 12705-12710	4.3	17
97	One-pot synthesis of oxazolidine-2-thione and thiozolidine-2-thione from sugar azido-alcohols. <i>Carbohydrate Research</i> , 2017 , 450, 1-9	2.9	10
96	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> , 2017 , 21, 545-549	2.8	4
95	Click inspired synthesis of triazole-linked vanillin glycoconjugates. <i>Glycoconjugate Journal</i> , 2017 , 34, 61-70	3.0	12
94	Lewis-Acid-Mediated Benzotriazole Ring Cleavage (BtRC) Strategy for the Synthesis of 2-Aryl Benzoxazoles from -Acylbenzotriazoles. <i>ACS Omega</i> , 2017 , 2, 5044-5051	3.9	17
93	Identification and Characterization of miRNAs in Response to Infection: Delineation of Their Roles in Macrophage Dysfunction. <i>Frontiers in Microbiology</i> , 2017 , 8, 314	5.7	28
92	Isolation and Characterization of "Terrein" an Antimicrobial and Antitumor Compound from Endophytic Fungus (JAS-2) Associated from Varanasi, India. <i>Frontiers in Microbiology</i> , 2017 , 8, 1334	5.7	35
91	A new methodology for the synthesis of N-acylbenzotriazoles. <i>Arkivoc</i> , 2017 , 2017, 80-88	0.9	3
90	An efficient one-pot synthesis of N,N'-disubstituted ureas and carbamates from N-acylbenzotriazoles. <i>RSC Advances</i> , 2016 , 6, 84512-84522	3.7	24
89	Synthesis of novel macrocyclic crown ethers from D-glucose. <i>Journal of Carbohydrate Chemistry</i> , 2016 , 35, 238-248	1.7	3
88	Synthesis of Diverse Carbohydrate-Based Molecules using Click Chemistry 2016 , 161-201		
87	Cu-Catalyzed Click Reaction in Carbohydrate Chemistry. <i>Chemical Reviews</i> , 2016 , 116, 3086-240	68.1	490
86	A new antifungal eudesmanolide glycoside isolated from Sphaeranthus indicus Linn. (Family Compositae). <i>Natural Product Research</i> , 2016 , 30, 2770-2776	2.3	4
85	Carbohydrate-Based Therapeutics. <i>Studies in Natural Products Chemistry</i> , 2016 , 49, 307-361	1.5	25
84	One-Pot Facile Synthesis of 1,5-Disubstituted Triazolyl Glycoconjugates from Nitrostyrenes. <i>ChemistrySelect</i> , 2016 , 1, 3693-3698	1.8	7
83	One-Pot Synthesis of Glycosyl-Ebzido Ester via Diazotransfer Reaction Toward Access of Glycosyl-Eriazolyl Ester. <i>Journal of Organic Chemistry</i> , 2015 , 80, 4869-81	4.2	32
82	Click inspired synthesis of antileishmanial triazolyl O-benzylquercetin glycoconjugates. <i>Glycoconjugate Journal</i> , 2015 , 32, 127-40	3	30
81	Regioselective facile synthesis of novel isoxazole-linked glycoconjugates. <i>RSC Advances</i> , 2015 , 5, 41520-41535	3.7	17

80	Metal free synthesis of morpholine fused [5,1-c] triazolyl glycoconjugates via glycosyl azido alcohols. <i>RSC Advances</i> , 2015 , 5, 86840-86848	3.7	19
79	An unprecedented deoxygenation protocol of benzylic alcohols using bis(1-benzotriazolyl)methanethione. <i>RSC Advances</i> , 2015 , 5, 31584-31593	3.7	19
78	First noscapine glycoconjugates inspired by click chemistry. <i>RSC Advances</i> , 2015 , 5, 51779-51789	3.7	21
77	Ionic Liquids-Prompted Synthesis of Biologically Relevant Five- and Six-Membered Heterocyclic Skeletons: An Update 2015 , 437-493		5
76	Carbohydrate-Based Organocatalysts: Recent Developments and Future Perspectives. <i>Current Organic Synthesis</i> , 2015 , 13, 176-219	1.9	16
75	Click chemistry inspired highly facile synthesis of triazolyl ethisterone glycoconjugates. <i>Steroids</i> , 2014 , 80, 71-9	2.8	29
74	Click chemistry inspired synthesis of morpholine-fused triazoles. <i>Journal of Organic Chemistry</i> , 2014 , 79, 5752-62	4.2	61
73	Synthesis of 2-N/S/C-substituted benzothiazoles via intramolecular cyclative cleavage of benzotriazole ring. <i>Journal of Organic Chemistry</i> , 2014 , 79, 251-66	4.2	41
72	Natural product based leads to fight against leishmaniasis. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 18-45	3.4	134
71	Natural products as leads to potential mosquitocides. <i>Phytochemistry Reviews</i> , 2014 , 13, 587-627	7.7	18
70	Synthesis, structure, and catalytic activities of new Cu(I) thiocarboxylate complexes. <i>RSC Advances</i> , 2014 , 4, 39790-39797	3.7	20
69	Fluorogenic dual click derived bis-glycoconjugated triazolocoumarins for selective recognition of Cu(II) ion. <i>Tetrahedron Letters</i> , 2014 , 55, 4532-4536	2	21
68	Efficient synthesis of ethisterone glycoconjugate via bis-triazole linkage. <i>Carbohydrate Research</i> , 2014 , 399, 2-7	2.9	20
67	Click chemistry inspired synthesis of glycoporphyrin dendrimers. <i>Journal of Organic Chemistry</i> , 2013 , 78, 8184-90	4.2	70
66	Synthesis of glycoconjugate benzothiazoles via cleavage of benzotriazole ring. <i>Journal of Organic Chemistry</i> , 2013 , 78, 899-909	4.2	45
65	Triazolyl Glycoconjugates in Medicinal Chemistry 2013 , 293-323		7
64	An antileishmanial prenyloxy-naphthoquinone from roots of <i>Plumbago zeylanica</i> . <i>Natural Product Research</i> , 2013 , 27, 480-5	2.3	21
63	Scope of Alkaloids in Antileishmanial Drug Discovery and Development 2013 , 1263-1299		1

62	Glycosyl based meso-substituted dipyrromethanes as fluorescent probes for Cd ²⁺ /Cu ²⁺ ions. <i>Tetrahedron Letters</i> , 2013 , 54, 4193-4197	2	9
61	A highly expeditious synthesis of a bicyclic iminosugar using the novel key step of [NMM]+[HSO ₄] ⁻ promoted conjugate addition and Mitsunobu reaction. <i>RSC Advances</i> , 2013 , 3, 5794	3.7	9
60	Structural basis for substrate specificity and mechanism of N-acetyl-D-neuraminic acid lyase from <i>Pasteurella multocida</i> . <i>Biochemistry</i> , 2013 , 52, 8570-9	3.2	16
59	Click Reaction in Carbohydrate Chemistry: Recent Developments and Future Perspective. <i>Current Organic Synthesis</i> , 2013 , 10, 90-135	1.9	1
58	Click Reaction in Carbohydrate Chemistry: Recent Developments and Future Perspective+. <i>Current Organic Synthesis</i> , 2013 , 10, 90-135	1.9	60
57	Cyclo-Release Strategy in Solid-Phase Combinatorial Synthesis of Heterocyclic Skeletons. <i>Advances in Heterocyclic Chemistry</i> , 2012 , 41-99	2.4	14
56	A Convenient Synthesis of Novel Glycosyl Azetidines Under Mitsunobu Reaction Conditions. <i>Synthetic Communications</i> , 2012 , 42, 3598-3613	1.7	9
55	Disaccharide-Containing Macrocycles by Click Chemistry and Intramolecular Glycosylation. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 2945-2956	3.2	34
54	Diacetoxiodobenzene mediated one-pot synthesis of diverse carboxamides from aldehydes. <i>Organic Letters</i> , 2012 , 14, 2936-9	6.2	64
53	Benzotriazole-Mediated Facile Synthesis of Novel Glycosyl Tetrazole. <i>Journal of Carbohydrate Chemistry</i> , 2012 , 31, 130-142	1.7	8
52	Carbohydrate based potential chemotherapeutic agents: recent developments and their scope in future drug discovery. <i>Mini-Reviews in Medicinal Chemistry</i> , 2012 , 12, 1497-519	3.2	62
51	Substrate promiscuity of N-acetylhexosamine 1-kinases. <i>Molecules</i> , 2011 , 16, 6396-407	4.8	58
50	Natural products: an evolving role in future drug discovery. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 4769-807	6.8	558
49	Chemoenzymatic synthesis of C8-modified sialic acids and related α-3- and α-6-linked sialosides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 5037-40	2.9	40
48	<i>Emblca officinalis</i> corrects functional, biochemical and molecular deficits in experimental diabetic neuropathy by targeting the oxido-nitrosative stress mediated inflammatory cascade. <i>Phytotherapy Research</i> , 2011 , 25, 1527-36	6.7	41
47	A sialylated glycan microarray reveals novel interactions of modified sialic acids with proteins and viruses. <i>Journal of Biological Chemistry</i> , 2011 , 286, 31610-22	5.4	107
46	Carbohydrate Chemistry and Room Temperature Ionic Liquids (RTILs): Recent Trends, Opportunities, Challenges and Future Perspectives. <i>Current Organic Synthesis</i> , 2010 , 7, 506-531	1.9	21
45	Facile Synthesis of Novel Glycosyl Carboxamide with Sugar in Furanose and Pyranose form Using Benzotriazole Methodology. <i>Letters in Organic Chemistry</i> , 2010 , 7, 136-143	0.6	9

44	Recent developments in benzotriazole methodology for construction of pharmacologically important heterocyclic skeletons. <i>Monatshefte Für Chemie</i> , 2010 , 141, 1159-1182	1.4	46
43	A novel naphthoquinone from <i>Plumbago zeylanica</i> roots. <i>Chemistry of Natural Compounds</i> , 2010 , 46, 517-519	0.7	6
42	A novel antifungal anthraquinone from seeds of <i>Aegle marmelos</i> Correa (Family Rutaceae). <i>Fitoterapia</i> , 2010 , 81, 104-7	3.2	32
41	Antifungal constituents isolated from the seeds of <i>Aegle marmelos</i> . <i>Phytochemistry</i> , 2010 , 71, 230-4	4	36
40	Difuranonaphthoquinones from <i>Plumbago zeylanica</i> roots. <i>Phytochemistry Letters</i> , 2010 , 3, 62-65	1.9	13
39	Facile route for <i>N</i> -aryl benzotriazoles from diazoamino arynes via CuI-mediated intramolecular <i>N</i> -arylation. <i>Tetrahedron Letters</i> , 2010 , 51, 5740-5743	2	26
38	Fighting against Leishmaniasis: search of alkaloids as future true potential anti-Leishmanial agents. <i>Mini-Reviews in Medicinal Chemistry</i> , 2009 , 9, 107-23	3.2	69
37	Alkaloids: future prospective to combat leishmaniasis. <i>Fitoterapia</i> , 2009 , 80, 81-90	3.2	70
36	Alkaloids as potential anti-tubercular agents. <i>Fitoterapia</i> , 2009 , 80, 149-63	3.2	57
35	Synthesis and antitubercular screening of imidazole derivatives. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 3350-5	6.8	109
34	Chemoenzymatic synthesis of GD3 oligosaccharides and other disialyl glycans containing natural and non-natural sialic acids. <i>Journal of the American Chemical Society</i> , 2009 , 131, 18467-77	16.4	88
33	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> , 2009 , 11, 422-7		18
32	Multifunctionality of <i>Campylobacter jejuni</i> sialyltransferase CstII: characterization of GD3/GT3 oligosaccharide synthase, GD3 oligosaccharide sialidase, and trans-sialidase activities. <i>Glycobiology</i> , 2008 , 18, 686-97	5.8	67
31	Recent Development on Catalytic Reductive Amination and Applications. <i>Current Organic Chemistry</i> , 2008 , 12, 1093-1115	1.7	182
30	<i>Pasteurella multocida</i> sialic acid aldolase: a promising biocatalyst. <i>Applied Microbiology and Biotechnology</i> , 2008 , 79, 963-70	5.7	94
29	One-pot, Simple, and Convenient Synthesis of 2-Thioxo-2,3-dihydroquinazolin-4(1H)-ones. <i>Monatshefte Für Chemie</i> , 2008 , 139, 43-48	1.4	16
28	A facile one-pot MW approach for N3-(heteroaryl-2-yl)- 2-thioxo-2,3-dihydro-1H-quinazolin-4-one. <i>Arkivoc</i> , 2008 , 2008, 27-36	0.9	15
27	One-Pot Convenient and High Yielding Synthesis of Dithiocarbamates. <i>Monatshefte Für Chemie</i> , 2007 , 138, 653-658	1.4	14

26	One-pot Amberlite IR-120 Catalysed Synthesis of Glycosyl Dihydropyridones. <i>Monatshefte für Chemie</i> , 2007 , 138, 1297-1302	1.4	9
25	Synthesis and antitubercular activity of substituted phenylmethyl- and pyridylmethyl amines. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 8186-96	3.4	25
24	Synthesis and antitubercular activities of bis-glycosylated diamino alcohols. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 5668-79	3.4	32
23	An efficient synthesis of aryloxyphenyl cyclopropyl methanones: a new class of anti-mycobacterial agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 4526-30	2.9	24
22	Synthesis and antimycobacterial activities of glycosylated amino alcohols and amines. <i>European Journal of Medicinal Chemistry</i> , 2005 , 40, 351-60	6.8	33
21	Fighting tuberculosis: an old disease with new challenges. <i>Medicinal Research Reviews</i> , 2005 , 25, 93-131	14.4	178
20	INHIBITORS OF FILARIAL GAMMA-GLUTAMYL CYCLE ENZYMES AS POSSIBLE MACROFILARICIDAL AGENTS. <i>Medicinal Chemistry Research</i> , 2004 , 13, 707-723	2.2	4
19	Synthesis of galactopyranosyl amino alcohols as a new class of antitubercular and antifungal agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 329-32	2.9	36
18	Synthesis of alpha-mannosylated phenolics as alpha-glucosidase inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2004 , 19, 107-12	5.6	7
17	Synthesis and antifilarial evaluation of 7-O-acetamidyl-4-alkyl-2H-1-benzopyran-2-ones. <i>Arzneimittelforschung</i> , 2003 , 53, 857-63		4
16	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> , 2003 , 6, 37-50	1.3	18
15	Amberlite IR-120 catalysed efficient synthesis of glycosyl enamines and their application. <i>Tetrahedron Letters</i> , 2003 , 44, 6639-6642	2	21
14	Synthesis and antifilarial evaluation of N1,Nn- xylofuranosylated diaminoalkanes. <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 1789-800	3.4	25
13	Synthesis and bioevaluation of glycosyl ureas as alpha-glucosidase inhibitors and their effect on mycobacterium. <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 2911-22	3.4	76
12	Synthesis and antimycobacterial activity of 3,5-disubstituted thiadiazine thiones. <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 4369-75	3.4	52
11	7-O-[4-methyl piperazine-1-(2-acetyl)]-2H-1-benzopyran-2-one: a novel antifilarial lead compound. <i>Acta Tropica</i> , 2003 , 87, 215-24	3.2	15
10	Synthesis of glycosylated beta-amino acids as new class of antitubercular agents. <i>European Journal of Medicinal Chemistry</i> , 2002 , 37, 773-81	6.8	70
9	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> , 2002 , 21, 591-604	1.7	22

8	DBU Catalyzed Cyclative Amidation Reaction: A Convenient Synthesis of C-Nucleoside Analogs. <i>Synlett</i> , 2002 , 2002, 1779-1782	2.2	2
7	Effect of Heat Shock Treatment on Hordeum Vulgare Protoplast Transformation Mediated by Polyethylene Glycol. <i>Biologia Plantarum</i> , 2001 , 44, 25-31	2.1	
6	Parameters influencing transient and stable transformation of barley (<i>Hordeum vulgare</i> L.) protoplasts. <i>Plant Cell, Tissue and Organ Culture</i> , 1995 , 41, 125-138	2.7	10
5	Dielectric and dynamic mechanical behavior of poly(vinyl acetate) containing small concentrations of cholesteryl additives. <i>Journal of Applied Polymer Science</i> , 1985 , 30, 2869-2882	2.9	2
4	Dynamic Mechanical Behaviour of Some Cholesteryl Liquid Crystals. <i>Molecular Crystals and Liquid Crystals</i> , 1983 , 103, 299-305		
3	Dielectric and Dynamic Mechanical Behaviour of Poly(vinylchloride) Containing Small Amounts of Cholesterol, Cholesteryl Chloride, and Cholesteryl Benzoate. <i>Polymer Journal</i> , 1983 , 15, 377-383	2.7	8
2	Effect of soil burning on microfungi. <i>Plant and Soil</i> , 1977 , 47, 693-697	4.2	15
1	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. <i>Synthesis</i> , 53 ,	2.9	3