Ashish Kumar Pathak

List of Publications by Year
in descending order

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36	1,029	394421 19	414414 32
papers	citations	h-index	g-index

41	41	41	1037
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Targeting Chikungunya Virus Replication by Benzoannulene Inhibitors. Journal of Medicinal Chemistry, 2021, 64, 4762-4786.	6.4	6
2	Identification of Quinolinones as Antivirals against Venezuelan Equine Encephalitis Virus. Antimicrobial Agents and Chemotherapy, 2021, 65, e0024421.	3.2	5
3	Pyrimidone inhibitors targeting Chikungunya Virus nsP3 macrodomain by fragment-based drug design. PLoS ONE, 2021, 16, e0245013.	2.5	16
4	Studies on Dibenzylamines as Inhibitors of Venezuelan Equine Encephalitis Virus. ACS Infectious Diseases, 2019, 5, 2014-2028.	3.8	2
5	Synthesis of Aza-acyclic Nucleoside Libraries of Purine, Pyrimidine, and 1,2,4-Triazole. ACS Combinatorial Science, 2019, 21, 183-191.	3.8	2
6	Unique Functional and Structural Properties of the LRRK2 Protein ATP-binding Pocket. Journal of Biological Chemistry, 2014, 289, 32937-32951.	3.4	26
7	Solution-Phase Parallel Synthesis of Acyclic Nucleoside Libraries of Purine, Pyrimidine, and Triazole Acetamides. ACS Combinatorial Science, 2014, 16, 485-493.	3.8	5
8	6-Oxo and 6-thio purine analogs as antimycobacterial agents. Bioorganic and Medicinal Chemistry, 2013, 21, 1685-1695.	3.0	19
9	Concise synthesis of an arabinofuranose hexasaccharide present in the cell wall of Mycobacterium tuberculosis. Tetrahedron Letters, 2012, 53, 2461-2464.	1.4	6
10	Lipoarabinomannan biosynthesis in Corynebacterineae: the interplay of two Î±(1â†'2)â€mannopyranosyltransferases MptC and MptD in mannan branching. Molecular Microbiology, 2011, 80, 1241-1259.	2.5	34
11	Synthesis of deoxygenated Î±(1â†'5)-linked arabinofuranose disaccharides as substrates and inhibitors of arabinosyltransferases of Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry, 2009, 17, 872-881.	3.0	19
12	Imidazolium Cation Supported Solution-Phase Assembly of Homolinear Î±(1â†'6)â^'Linked Octamannoside: An Efficient Alternate Approach for Oligosaccharide Synthesis. Journal of Organic Chemistry, 2009, 74, 6307-6310.	3.2	51
13	Functional expression of Francisella tularensis FabH and FabI, potential antibacterial targets. Protein Expression and Purification, 2009, 65, 83-91.	1.3	13
14	Concise assembly of linear Î±(1â†'6)-linked octamannan fluorescent probe. Tetrahedron Letters, 2008, 49, 7157-7160.	1.4	9
15	Expression, purification and characterisation of soluble GlfT and the identification of a novel galactofuranosyltransferase Rv3782 involved in priming GlfT-mediated galactan polymerisation in Mycobacterium tuberculosis. Protein Expression and Purification, 2008, 58, 332-341.	1.3	37
16	Oligomannan Synthesis Using Ionic Liquid Supported Glycosylation. Organic Letters, 2008, 10, 145-148.	4.6	64
17	Disaccharide analogs as probes for glycosyltransferases in Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry, 2007, 15, 5629-5650.	3.0	19
18	Synthesis of symmetrical C- and pseudo-symmetrical O-linked disaccharide analogs for arabinosyltransferase inhibitory activity in Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 4527-4530.	2.2	13

#	Article	IF	Citations
19	Semi-synthesis of deoxyartemisinin. Mendeleev Communications, 2007, 17, 27-28.	1.6	8
20	Synthesis of mannopyranose disaccharides as photoaffinity probes for mannosyltransferases in Mycobacterium tuberculosis. Carbohydrate Research, 2004, 339, 683-691.	2.3	21
21	Antimycobacterial Agents. 1. Thio Analogues of Purine. Journal of Medicinal Chemistry, 2004, 47, 273-276.	6.4	86
22	Arabinofuranose disaccharide analogs as inhibitors of Mycobacterium tuberculosis. Tetrahedron, 2003, 59, 10239-10248.	1.9	21
23	Fractionation, structural studies, and immunological characterization of the semi-synthetic Quillaja saponins derivative GPI-0100. Vaccine, 2003, 21, 3961-3971.	3.8	59
24	Degradation of Quillaja saponaria Molina saponins: loss of the protective effects of a herpes simplex virus 1 subunit vaccine. International Immunopharmacology, 2002, 2, 1703-1711.	3.8	12
25	Quillaja saponin adjuvants: derivatives formed under sub-optimal conditions. Vaccine, 2002, 20, 3237-3238.	3.8	8
26	Synthesis of an arabinofuranosyl disaccharide photoaffinity probe for arabinosyltransferase activity in Mycobacterium tuberculosis. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 2749-2752.	2.2	12
27	Studies on n-Octyl-5-(Î±-d-arabinofuranosyl)-Î²-d-galactofuranosides for Mycobacterial Glycosyltransferase Activity. Bioorganic and Medicinal Chemistry, 2002, 10, 923-928.	3.0	40
28	Altered immunomodulating and toxicological properties of degraded Quillaja saponaria Molina saponins. International Immunopharmacology, 2001, 1, 813-818.	3.8	69
29	A facile method for deprotection of trityl ethers using column chromatography. Tetrahedron Letters, 2001, 42, 7755-7757.	1.4	29
30	Synthesis of a fluorescent arabinofuranosyl disaccharide: a probe for arabinosyltransferase activity in Mycobacterium tuberculosis. Tetrahedron Letters, 2001, 42, 979-982.	1.4	19
31	Studies on (Î²,1â†'5) and (Î²,1â†'6) linked octyl Galf disaccharides as substrates for mycobacterial galactosyltransferase activity. Bioorganic and Medicinal Chemistry, 2001, 9, 3129-3143.	3.0	68
32	Studies on Î±(1â†'5) linked octyl arabinofuranosyl disaccharides for mycobacterial arabinosyl transferase activity. Bioorganic and Medicinal Chemistry, 2001, 9, 3145-3151.	3.0	39
33	Studies on Î²-d-Gal -(1â†'4)-Î±-l-Rha octyl analogues as substrates for mycobacterial galactosyl transferase activity. Bioorganic and Medicinal Chemistry, 1999, 7, 2407-2413.	3.0	31
34	Tin(IV) chloride mediated glycosylation in arabinofuranose, galactofuranose and rhamnopyranose. Tetrahedron Letters, 1998, 39, 1497-1500.	1.4	36
35	Nuclear Magnetic Resonance Spectroscopic Approaches for the Determination of Interglycosidic Linkage and Sequence in Oligosaccharides. , 1996, 7, 113-130.		18
36	NMR spectroscopy of steroidal sapogenins and steroidal saponins: An update. Magnetic Resonance in Chemistry, 1995, 33, 923-953.	1.9	105