

Phillip M Rendle

List of Publications by Citations

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Version: 2024-04-28

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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.

24
papers

380
citations

10
h-index

19
g-index

27
ext. papers

409
ext. citations

4.2
avg, IF

2.69
L-index

#	Paper	IF	Citations
24	Glycodendriproteins: a synthetic glycoprotein mimic enzyme with branched sugar-display potently inhibits bacterial aggregation. <i>Journal of the American Chemical Society</i> , 2004 , 126, 4750-1	16.4	87
23	Glycosyl disulfides: novel glycosylating reagents with flexible aglycon alteration. <i>Journal of Organic Chemistry</i> , 2005 , 70, 9740-54	4.2	78
22	Glycosylation of pramlintide: synthetic glycopeptides that display in vitro and in vivo activities as amylin receptor agonists. <i>Chemistry - A European Journal</i> , 2013 , 19, 15084-8	4.8	34
21	Preventing acute gut wall damage in infectious diarrhoeas with glycosylated dendrimers. <i>EMBO Molecular Medicine</i> , 2012 , 4, 866-81	12	28
20	The substrate-induced conformational change of Mycobacterium tuberculosis mycothiol synthase. <i>Journal of Biological Chemistry</i> , 2006 , 281, 2795-802	5.4	21
19	The influence of boric acid on the acetylation of aldoses: one-pot syntheses of penta-O-acetyl-D-glucofuranose and its crystalline propanoyl analogue. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000 , 2011-2014		20
18	Synthesis and utility of sulfated chromogenic carbohydrate model substrates for measuring activities of mucin-desulfating enzymes. <i>Carbohydrate Research</i> , 2002 , 337, 1095-111	2.9	18
17	The synthesis and immune stimulating action of mannose-capped lysine-based dendrimers. <i>Tetrahedron</i> , 2009 , 65, 2939-2950	2.4	17
16	A comparative study of different glycosylation methods for the synthesis of D-mannopyranosides of Nalpha-fluorenylmethoxycarbonyl-trans-4-hydroxy-L-proline allyl ester. <i>Carbohydrate Research</i> , 2007 , 342, 2628-34	2.9	14
15	Mannosylated saponins based on oleanolic and glycyrrhizic acids. Towards synthetic colloidal antigen delivery systems. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 5207-18	3.4	12
14	Glucofuranosylation with penta-O-propanoyl-beta-D-glucofuranose. <i>Carbohydrate Research</i> , 2002 , 337, 1999-2004	2.9	8
13	Recombinant, truncated B. circulans keratanase-II: Description and characterisation of a novel enzyme for use in measuring urinary keratan sulphate levels via LC-MS/MS in Morquio A syndrome. <i>Clinical Biochemistry</i> , 2015 , 48, 796-802	3.5	7
12	Synthesis, Formulation, and Adjuvanticity of Monodesmosidic Saponins with Oleanolic Acid, Hederagenin and Gypsogenin Aglycones, and some C-28 Ester Derivatives. <i>ChemistryOpen</i> , 2015 , 4, 740-55 ^{2,3}		6
11	Measurement of the hydrodynamic radii of PEE-G dendrons by diffusion spectroscopy on a benchtop NMR spectrometer. <i>Magnetic Resonance in Chemistry</i> , 2020 , 58, 641-647	2.1	5
10	Poly Ethoxy Ethyl Glycinamide (PEE-G) Dendrimers: Dendrimers Specifically Designed for Pharmaceutical Applications. <i>ChemMedChem</i> , 2016 , 11, 1583-6	3.7	5
9	Diels - Alder Reactions of 1,1-Bis(methylthio)ethene with Pyran-2-ones.. <i>Australian Journal of Chemistry</i> , 1998 , 51, 383	1.2	5
8	Synthesis and biological activities of d-chiro-inositol analogues with insulin-like actions. <i>European Journal of Medicinal Chemistry</i> , 2016 , 122, 442-451	6.8	5

7	The Synthesis and Anti-tumour Properties of Poly Ethoxy Ethyl Glycinamide (PEE-G) Scaffolds with Multiple PD-1 Peptides Attached. <i>ChemMedChem</i> , 2020 , 15, 1128-1138	3-7	3
6	Gadolinium Complexes Attached to Poly Ethoxy Ethyl Glycinamide (PEE-G) Dendrons: Magnetic Resonance Imaging Contrast Agents with Increased Relaxivity. <i>ChemPlusChem</i> , 2020 , 85, 1881-1892	2-8	3
5	Anticancer Prodrug Studies: Diels - Alder Chemistry of 1-Methylthio-1-(p-tolylsulfonyl)ethene. <i>Australian Journal of Chemistry</i> , 2011 , 64, 945	1-2	1
4	Reducing the Toxicity of Designer Aminoglycosides as Nonsense Mutation Readthrough Agents for Therapeutic Targets. <i>ACS Medicinal Chemistry Letters</i> , 2021 , 12, 1486-1492	4-3	1
3	Synthesis of N-acetylmannosamine-6-phosphate derivatives to investigate the mechanism of N-acetylmannosamine-6-phosphate 2-epimerase. <i>Carbohydrate Research</i> , 2021 , 510, 108445	2-9	1
2	N-acetylmannosamine-6-phosphate 2-epimerase uses a novel substrate-assisted mechanism to catalyze amino sugar epimerization. <i>Journal of Biological Chemistry</i> , 2021 , 297, 101113	5-4	1
1	Synthesis of C-labelled sulfated N-acetyl-d-lactosamines to aid in the diagnosis of mucopolysaccharidosis diseases. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2019 , 62, 67-76	1-9	