

Alison A Watson

List of Publications by Year in descending order

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31
papers

2,547
citations

218677

26
h-index

454955

30
g-index

35
all docs

35
docs citations

35
times ranked

1456
citing authors

#	ARTICLE	IF	CITATIONS
1	Iminosugars from <i>Baphia nitida</i> Lodd.. <i>Phytochemistry</i> , 2008, 69, 1261-1265.	2.9	36
2	The Comparative Pathology of the Glycosidase Inhibitors Swainsonine, Castanospermine, and Calystegines A3, B2, and C1 in Mice. <i>Toxicologic Pathology</i> , 2008, 36, 651-659.	1.8	36
3	Selective Metabolism of Glycosidase Inhibitors by a Specialized Moth Feeding on <i>Hyacinthoides non-scripta</i> Flowers. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800300.	0.5	0
4	<i>Annona muricata</i> (Graviola): Toxic or Therapeutic. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800300.	0.5	7
5	Australine and related alkaloids: easy structural confirmation by ¹³ C NMR spectral data and biological activities. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 325-331.	1.8	100
6	Alkaloidal Components in the Poisonous Plant, <i>Ipomoea carnea</i> (Convolvulaceae). <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 4995-5000.	5.2	121
7	New Polyhydroxylated Pyrrolidine, Piperidine, and Pyrrolizidine Alkaloids from <i>Scillasibirica</i> . <i>Journal of Natural Products</i> , 2002, 65, 1875-1881.	3.0	137
8	Polyhydroxylated alkaloids—natural occurrence and therapeutic applications. <i>Phytochemistry</i> , 2001, 56, 265-295.	2.9	664
9	Polyhydroxylated pyrrolidine and piperidine alkaloids from <i>Adenophora triphylla</i> var. <i>japonica</i> (Campanulaceae). <i>Phytochemistry</i> , 2000, 53, 379-382.	2.9	80
10	New polyhydroxylated pyrrolizidine alkaloids from <i>Muscari armeniacum</i> : structural determination and biological activity. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 1-8.	1.8	157
11	Tetrazoles of manno- and rhamno- furanoses. <i>Tetrahedron</i> , 1999, 55, 4501-4520.	1.9	36
12	Tetrazoles of manno- and rhamno-pyranoses: Contrasting inhibition of mannosidases by [4.3.0] but of rhamnosidase by [3.3.0] bicyclic tetrazoles. <i>Tetrahedron</i> , 1999, 55, 4489-4500.	1.9	48
13	Polyhydroxylated pyrrolidine and pyrrolizidine alkaloids from <i>Hyacinthoides non-scripta</i> and <i>Scilla campanulata</i> . <i>Carbohydrate Research</i> , 1999, 316, 95-103.	2.3	126
14	Homonojirimycin analogues and their glucosides from <i>Lobelia sessilifolia</i> and <i>Adenophora</i> spp. (Campanulaceae). <i>Carbohydrate Research</i> , 1999, 323, 73-80.	2.3	55
15	Synthesis of homorhamnojirimycins and related trihydroxypipercolic acid derivatives via divergent bicyclic amino lactone intermediates: Inhibition of naringinase (L-rhamnosidase) and dTDP-rhamnose biosynthesis. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999, , 2735-2745.	0.9	29
16	5-epi-Deoxyrhamnojirimycin is a potent inhibitor of an α -L-rhamnosidase: 5-epi-deoxymannojirimycin is not a potent inhibitor of an α -D-mannosidase. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 2947-2960.	1.8	44
17	Nitrogen-Containing Furanose and Pyranose Analogues from <i>Hyacinthus orientalis</i> . <i>Journal of Natural Products</i> , 1998, 61, 625-628.	3.0	91
18	Homonojirimycin Isomers and N-Alkylated Homonojirimycins: A Structural and Conformational Basis of Inhibition of Glycosidases. <i>Journal of Medicinal Chemistry</i> , 1998, 41, 2565-2571.	6.4	84

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19	The effects of calystegines isolated from edible fruits and vegetables on mammalian liver glycosidases. <i>Glycobiology</i> , 1997, 7, 1085-1088.	2.5	79
20	Fagomine Isomers and Glycosides from <i>Xanthocercis zambesiaca</i> . <i>Journal of Natural Products</i> , 1997, 60, 312-314.	3.0	85
21	Homonojirimycin Isomers and Glycosides from <i>Aglaonema treubii</i> . <i>Journal of Natural Products</i> , 1997, 60, 98-101.	3.0	72
22	Synthesis of casuarines [pentahydroxylated pyrrolizidines] by sodium hydrogen telluride-induced cyclisations of azidodimesylates. <i>Tetrahedron Letters</i> , 1997, 38, 5869-5872.	1.4	35
23	Glycosidase-inhibiting pyrrolidine alkaloids from <i>Hyacinthoides non-scripta</i> . <i>Phytochemistry</i> , 1997, 46, 255-259.	2.9	91
24	Enzymatic synthesis of the glycosides of calystegines B1 and B2 and their glycosidase inhibitory activities. <i>Carbohydrate Research</i> , 1997, 304, 173-178.	2.3	28
25	Calystegine B4, a novel trehalase inhibitor from <i>Scopolia japonica</i> . <i>Carbohydrate Research</i> , 1996, 293, 195-204.	2.3	53
26	The isolation from <i>Nicandra physalodes</i> and identification of the 3-O- β -D-glucopyranoside of 1 β ,2 β ,3 β ,6 β -tetrahydroxy-nor-tropane (Calystegine B1). <i>Tetrahedron Letters</i> , 1996, 37, 3207-3208.	1.4	36
27	2-Hydroxycastanospermines (dihydroxy-L-swainsonines) from octonolactones: Inhibition of naringinase (L-rhamnosidase). <i>Tetrahedron Letters</i> , 1996, 37, 8561-8564.	1.4	36
28	L-(+)-swainsonine and other pyrrolidine inhibitors of naringinase: Through an enzymic looking glass from D-mannosidase to L-rhamnosidase?. <i>Tetrahedron Letters</i> , 1996, 37, 8565-8568.	1.4	65
29	Chapter Five Polyhydroxylated alkaloids that inhibit glycosidases. <i>Alkaloids: Chemical and Biological Perspectives</i> , 1996, 11, 345-376.	0.2	28
30	Inhibition of glycosidases by Lepidoptera; roles in the insects and leads to novel compounds?. <i>Chemoecology</i> , 1994, 5-6, 167-171.	1.1	4
31	Calystegines in <i>Solanum</i> and <i>Datura</i> species and the death's-head hawk-moth (<i>Acherontia atropus</i>). <i>Phytochemistry</i> , 1993, 34, 1281-1283.	2.9	84