

William B Gleason

List of Publications by Year in descending order

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26
papers

580
citations

567281

15
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

534
citing authors

#	ARTICLE	IF	CITATIONS
1	Complexes of Lysine, Histidine, and Arginine with Sulfonated Azo Dyes: A Model Systems for Understanding the Biomolecular Recognition of Glycosaminoglycans by Proteins. <i>Journal of the American Chemical Society</i> , 1996, 118, 2131-2142.	13.7	60
2	Design, Synthesis, and Dopamine Receptor Modulating Activity of Spiro Bicyclic Peptidomimetics of l-Prolyl-l-leucyl-glycinamide. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 628-637.	6.4	55
3	Design, synthesis, and x-ray crystallographic analysis of two novel spiro lactam systems as .beta.-turn mimics. <i>Journal of Organic Chemistry</i> , 1993, 58, 860-866.	3.2	49
4	Design, Synthesis, and Dopamine Receptor Modulating Activity of Diketopiperazine Peptidomimetics of l-Prolyl-l-leucyl-glycinamide. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 3594-3600.	6.4	39
5	Physicochemical Characterization of Nedocromil Bivalent Metal Salt Hydrates. 1. Nedocromil Magnesium. <i>Journal of Pharmaceutical Sciences</i> , 1996, 85, 1026-1034.	3.3	37
6	Synthesis and Dopamine Receptor Modulating Activity of Novel Peptidomimetics of l-Prolyl-l-leucyl-glycinamide Featuring 1,1-Disubstituted Amino Acids. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 1441-1447.	6.4	37
7	Use of the point dipole approximation for nitroxide biradicals. <i>Journal of the American Chemical Society</i> , 1976, 98, 2701-2705.	13.7	29
8	Oxidative Transformation of 2-Hydroxyestrone. Stability and Reactivity of 2,3-Estrone Quinone and Its Relationship to Estrogen Carcinogenicity. <i>Chemical Research in Toxicology</i> , 1996, 9, 860-865.	3.3	29
9	Synthesis and Dopamine Receptor Modulating Activity of Substituted Bicyclic Thiazolidine Lactam Peptidomimetics of l-Prolyl-l-leucyl-glycinamide. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 2977-2987.	6.4	29
10	Design, Synthesis, X-ray Analysis, and Dopamine Receptor-Modulating Activity of Mimics of the "C5" Hydrogen-Bonded Conformation in the Peptidomimetic 2-Oxo-3(R)-[(2(S)-pyrrolidinylcarbonyl)amino]-1-pyrrolidineacetamide. <i>Journal of Medicinal Chemistry</i> , 1994, 37, 3677-3683.	6.4	25
11	Reactions of 3,4-Estrone Quinone with Mimics of Amino Acid Side Chains. <i>Chemical Research in Toxicology</i> , 1996, 9, 434-438.	3.3	23
12	Synthesis and monomer reactivity ratios of methyl methacrylate and 2-vinyl-4,4-dimethylazlactone copolymers. <i>Journal of Polymer Science Part A</i> , 2003, 41, 3027-3037.	2.3	22
13	Conformational analysis of homochiral and heterochiral diprolines as β -turn-forming peptidomimetics: unsubstituted and substituted models. <i>Chemical Biology and Drug Design</i> , 1997, 50, 1-13.	1.1	22
14	Synthesis and dopamine receptor modulating activity of unsubstituted and substituted triproline analogues of l-prolyl-l-leucyl-glycinamide (PLG). <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 2349-2352.	2.2	20
15	Title is missing!. <i>Journal of Chemical Crystallography</i> , 1999, 29, 27-32.	1.1	16
16	Crystal structures and physical chemical properties of nedocromil zinc heptahydrate and nedocromil magnesium pentahydrate. <i>Journal of Chemical Crystallography</i> , 1996, 26, 167-178.	1.1	15
17	Preparation and copolymerization of a novel carbohydrate containing monomer. <i>Carbohydrate Polymers</i> , 2006, 65, 552-556.	10.2	13
18	Growth of High-Quality Crystals Containing Peptides: Arenesulfonate Salts of L-Alanyl-L-Alanine, Glycylglycine, and L-Leucyl-L-Alanine. <i>Chemistry of Materials</i> , 1994, 6, 1192-1199.	6.7	11

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19	Crystal structure of nedocromil sodium heptahemihydrate and its comparison with that of nedocromil sodium trihydrate. <i>Journal of Chemical Crystallography</i> , 1995, 25, 863-870.	1.1	9
20	Crystal structures and hydrogen bond analysis of three arenesulfonate salts of l-alanine, glycine, and l-serine. <i>Journal of Chemical Crystallography</i> , 1995, 25, 555-567.	1.1	8
21	Title is missing!. <i>Journal of Chemical Crystallography</i> , 2001, 31, 377-386.	1.1	8
22	Title is missing!. <i>Journal of Chemical Crystallography</i> , 1999, 29, 19-26.	1.1	7
23	Carbohydrates with relevance to the structure of glycosaminoglycans: The crystal structures of 2-deoxy-2-(sulfoamino)- β -D-glucopyranose sodium salt dihydrate, 2-amino-2-deoxy- β -D-glucopyranose 3-(hydrogen sulfate) monohydrate, and 2-amino-2-deoxy- β -D-glucopyranose 6-(hydrogen sulfate) monohydrate. <i>Carbohydrate Research</i> , 1995, 275, 49-65.	2.3	6
24	Synthesis and Characterization of Copolymers containing N,N-dimethylacrylamide and 2-vinyl-4,4'-dimethylazlactone. <i>Polymer Bulletin</i> , 2005, 55, 393-402.	3.3	5
25	Preparation of monodisperse PMMA microspheres using 2-vinyl-4,4'-dimethylazlactone as a particle Stabilizer. <i>Colloid and Polymer Science</i> , 2006, 284, 586-595.	2.1	5
26	Heparin-Like Polymers for Potential Inhibition of Bacterial Infection. <i>Journal of Carbohydrate Chemistry</i> , 2014, 33, 455-470.	1.1	1