

Akiko Asano

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4267272/publications.pdf>

Version: 2024-02-01

36
papers

193
citations

1163117

8
h-index

1125743

13
g-index

37
all docs

37
docs citations

37
times ranked

146
citing authors

#	ARTICLE	IF	CITATIONS
1	The structure of an endomorphin analogue incorporating 1-aminocyclohexane-1-carboxylic acid for proline is similar to the β -turn of Leu-enkephalin. <i>Biochemical and Biophysical Research Communications</i> , 2002, 297, 138-142.	2.1	27
2	Effects of amino acids and chirality for molecular folding of desoxazoline-ascidiacyclamide derivatives: X-ray crystal structures of four cyclic octapeptides including unusual amino acids, cyclo(-Ile-aThr-D-Val-Thz-)2, cyclo(-Ala-aThr-D-Val-Thz-Ile-aThr-D-Val-Thz-), cyclo(-Val-aThr-D-Val-Thz-Ile-aThr-D-Val-Thz-), and cyclo(-Ile-aThr-Val-Thz-Ile-aThr-D-Val-Thz-). <i>Biopolymers</i> , 2001, 58, 295-304.	2.4	24
3	A flat squared conformation of an ascidiacyclamide derivative caused by chiral modification of an oxazoline residue. <i>Biochemical and Biophysical Research Communications</i> , 2002, 297, 143-147.	2.1	15
4	The square conformation of phenylglycine-incorporated ascidiacyclamide is stabilized by CH/π interactions between amino acid side chains. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 3372-3377.	3.0	14
5	Ascidiacyclamides containing oxazoline and thiazole motifs assume square conformations and show high cytotoxicity. <i>Journal of Peptide Science</i> , 2018, 24, e3120.	1.4	10
6	Synthesis of six-membered carbocyclic ring β , β -disubstituted amino acids and arginine-rich peptides to investigate the effect of ring size on the properties of the peptide. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 38, 116111.	3.0	10
7	cyclo(-Chaâ€“Oxzâ€“D-Valâ€“Thzâ€“Ileâ€“Oxzâ€“D-Valâ€“Thz-)N,N-dimethylacetamide dihydrate: a square form of cyclohexylalanine-incorporated ascidiacyclamide having the strongest cytotoxicity. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o488-o490.	0.4	9
8	Conformational transformation of ascidiacyclamide analogues induced by incorporating enantiomers of phenylalanine, 1-naphthylalanine or 2-naphthylalanine. <i>Journal of Peptide Science</i> , 2016, 22, 156-165.	1.4	9
9	Crystal Structure of Gramicidin S Hydrochloride at 1.1 Å... Resolution. <i>X-ray Structure Analysis Online</i> , 2019, 35, 1-2.	0.2	8
10	Modulating the structure of phenylalanine-incorporated ascidiacyclamide through fluorination. <i>Journal of Peptide Science</i> , 2014, 20, 794-802.	1.4	7
11	A dimer model of human calcitonin13-32 forms an β -helical structure and robustly aggregates in 50% aqueous 2,2,2-trifluoroethanol solution. <i>Journal of Peptide Science</i> , 2016, 22, 480-484.	1.4	7
12	Crystal Structure of Hybrid Dipeptide, Cytosinyl-L-tyrosine.. <i>Analytical Sciences</i> , 1999, 15, 109-110.	1.6	6
13	Caged and clustered structures of endothelin inhibitor BQ123, cyclo(-D-Trp-D-Aspâ€“Pro-D-Val-Leu-)cdotNa+, forming five and six coordination bonds between sodium ions and peptides. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2001, 57, 628-634.	2.5	5
14	A β -sheet structure formed by Câ€“H...O hydrogen bonds between the thiazole rings and amide bonds of a dimeric desoxazoline ascidiacyclamide analogue. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001, 57, o834-o838.	0.2	5
15	Bocâ€“Proâ€“Hypâ€“Glyâ€“OBzl and Bocâ€“Alaâ€“Hypâ€“Glyâ€“OBzl, two repeating triplets found in collagen. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, o577-o580.	0.4	5
16	Crystal Structure of 2-[N-(t-Butoxycarbonyl)amino]-4-(thymine-1-yl)-butyric Acid Methyl Ester.. <i>Analytical Sciences</i> , 2001, 17, 361-362.	1.6	4
17	A folded conformation of an ascidiacyclamide derivative: 3-methoxysulfoxide-(2R,3R)-threoninyl desoxazoline-ascidiacyclamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001, 57, o1019-o1021.	0.2	4
18	NMR-based quantitative studies of the conformational equilibrium between their square and folded forms of ascidiacyclamide and its analogues. <i>RSC Advances</i> , 2020, 10, 33317-33326.	3.6	4

