Mitsunobu Doi

List of Publications by Year
in descending order

206	3,654	159585 30	197818 49
papers	citations	h-index	g-index

217	217	217	2558
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Absolute stereostructure of swinholide A, a potent cytotoxic macrolide from the Okinawan marine sponge Theonella swinhoei. Journal of the American Chemical Society, 1990, 112, 3710-3712.	13.7	138
2	Fumiquinazolines Aâ€“G, novel metabolites of a fungus separated from a Pseudolabrus marine fish. Journal of the Chemical Society Perkin Transactions 1, 1995, , 2345-2353.	0.9	133
3	Refined crystal structure of methylamine dehydrogenase from Paracoccus denitrificans at 1.75 Ã... resolution. Journal of Molecular Biology, 1998, 276, 131-149.	4.2	106
4	Specific ring stacking interaction on the tryptophan-7-methylguanine system: comparative crystallographic studies of indole derivatives-7-methylguanine base, nucleoside, and nucleotide complexes. Journal of the American Chemical Society, 1988, 110, 2286-2294.	13.7	99
5	Variation in Cytostatic Constituents of a Sponge-Derived Gymnascella dankaliensis by Manipulating the Carbon Source. Journal of Natural Products, 2007, 70, 1731-1740.	3.0	94
6	Molecular conformation of swinholide A, a potent cytotoxic dimeric macrolide from the Okinawan marine sponge Theonella swinhoei: x-ray crystal structure of its diketone derivative. Journal of Organic Chemistry, 1991, 56, 3629-3632.	3.2	86
7	Pericosines, antitumour metabolites from the sea hare-derived fungus Periconia byssoides. Structures and biological activities. Organic and Biomolecular Chemistry, 2007, 5, 3979.	2.8	84
8	X-ray crystallographic conformational study of 5â€²-O-[N-(l-alanyl)-sulfamoyl]adenosine, a substrate analogue for alanyl-tRNA synthetase. BBA - Proteins and Proteomics, 1991, 1080, 126-134.	2.1	77
9	Dankasterone, a new class of cytotoxic steroid produced by a Gymnascella species from a marine sponge. Chemical Communications, 1999, , 1321-1322.	4.1	76
10	Absolute stereostructures of cell-adhesion inhibitors, macrosphelides C, EÃ¢â‚¬â€œG and I, produced by a Periconia species separated from an Aplysia sea hare. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 3046-3053.	1.3	76
11	Stabilized Îł-Helix-Catalyzed Enantioselective Epoxidation of Îą,Î²-Unsaturated Ketones. Organic Letters, 2010, 12, 3564-3566.	4.6	67
12	Conformational studies on peptides containing Îą,Îą-disubstituted Îą-amino acids: chiral cyclic Îą,Îą-disubstituted Îą-amino acid as an Îą-helical inducer. Organic and Biomolecular Chemistry, 2011, 9, 3303.	2.8	66
13	Molecular Conformation of Patellamide A, a Cytotoxic Cyclic Peptide from the Ascidian Lissoclinum patella, by X-Ray Crystal Analysis.. Chemical and Pharmaceutical Bulletin, 1993, 41, 1686-1690.	1.3	55
14	Analysis of the mRNA Cap-Binding Ability of Human Eukaryotic Initiation Factor-4E by Use of Recombinant Wild-Type and Mutant Forms. FEBS Journal, 1996, 239, 597-601.	0.2	55
15	Chiral Centers in the Side Chains ofÎą-Amino Acids Control the Helical Screw Sense of Peptides. Angewandte Chemie - International Edition, 2004, 43, 5360-5363.	13.8	55
16	Molecular conformation of ascidiacyclamide, a cytotoxic cyclic peptide fromAscidian: X-ray analyses of its free form and solvate crystals. Biopolymers, 1992, 32, 131-143.	2.4	51
17	Chemical studies on the constituents of the thymelaeaceous plants. II Stereochemistry of daphnodorin A and daphnodorin B.. Chemical and Pharmaceutical Bulletin, 1986, 34, 1540-1545.	1.3	50
18	Absolute stereostructures of novel cytotoxic metabolites, gymnastatins Aâ€“E, from a Gymnascella species separated from a Halichondria sponge. Journal of the Chemical Society Perkin Transactions 1, 1998, , 3585-3600.	0.9	50

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19	Oneâ€Handed Helical Screw Direction of Homopeptide Foldamer Exclusively Induced by Cyclic Î±â€Amino Acid Sideâ€Chain Chiral Centers. Chemistry - A European Journal, 2012, 18, 2430-2439.	3.3	50
20	Solution Conformations of Patellamides B and C, Cytotoxic Cyclic Hexapeptides from Marine Tunicate, Determined by NMR Spectroscopy and Molecular Dynamics. Journal of Organic Chemistry, 1995, 60, 3944-3952.	3.2	47
21	Enantioselective epoxidation of Î±,Î²-unsaturated ketones catalyzed by stapled helical l-Leu-based peptides. Tetrahedron, 2011, 67, 6155-6165.	1.9	47
22	Helical-Peptide-Catalyzed Enantioselective Michael Addition Reactions and Their Mechanistic Insights. Journal of Organic Chemistry, 2016, 81, 6343-6356.	3.2	45
23	Absolute Stereostructures of Cell-adhesion Inhibitors, Peribysins A, E, F and G, Produced by a Sea Hare-derived Periconia sp.. Journal of Antibiotics, 2005, 58, 185-191.	2.0	43
24	Side-Chain Chiral Centers of Amino Acid and Helical-Screw Handedness of Its Peptides. Journal of the American Chemical Society, 2005, 127, 11570-11571.	13.7	43
25	Spectrophotometric determination of hydrogen peroxide with osmium(VIII) and m-carboxyphenylfluorone. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 117, 814-816.	3.9	42
26	Molecular and crystal structure of PQQ (methoxatin), a novel coenzyme of quinoproteins: extensive stacking character and metal ion interaction. Journal of the American Chemical Society, 1989, 111, 6822-6828.	13.7	41
27	Controlling 310-Helix and .ALPHA.-Helix of Short Peptides in the Solid State. Chemical and Pharmaceutical Bulletin, 2007, 55, 840-842.	1.3	40
28	Expression of a Synthetic Gene for Human Cap Binding Protein (Human IF-4E) in herichia coli and Fluorescence Studies on Interaction with mRNA Cap Structure Analogues1. Journal of Biochemistry, 1991, 109, 882-889.	1.7	37
29	Crystal Structures of [Met5] and [(4-Bromo)Phe4, Met5]: Formation of a Dimeric Antiparallel Î²-Structure. Journal of Biochemistry, 1987, 101, 485-490.	1.7	34
30	Dehatrine, an antimalarial bisbenzylisoquinoline alkaloid from the indonesian medicinal plant Beilschmiedia madang, isolated as a mixture of two rotational isomers.. Chemical and Pharmaceutical Bulletin, 1993, 41, 997-999.	1.3	34
31	Crystal structure of papain-succinyl-Gln-Val-Val-Ala-Ala-p-nitroanilide complex at 1.7-.ANG. resolution: noncovalent binding mode of a common sequence of endogenous thiol protease inhibitors. Biochemistry, 1992, 31, 11305-11309.	2.5	32
32	Revised Structures for Senegalensin and Euchrenone b10. Journal of Natural Products, 2001, 64, 1336-1340.	3.0	31
33	Chemical studies on the heartwood of Cassia garrettiana Craib. III. Structures of two new polyphenolic compounds.. Chemical and Pharmaceutical Bulletin, 1988, 36, 2977-2983.	1.3	30
34	Structural characteristics of enantiomorphic DNA: crystal analysis of racemates of the d(CGCGCG) duplex. Journal of the American Chemical Society, 1993, 115, 10432-10433.	13.7	30
35	Synthesis, characterization, and spectroscopic properties of three novel pentadentate copper(II) complexes related to the metal-chelating inhibitors against DNA binding with HIV-EP1. Dalton Transactions RSC, 2001, , 441-447.	2.3	29
36	Structure of acidic phospholipase A2 for the venom of Agkistrodon halys blomhoffii at 2.8Ã…resolution. Biochemical and Biophysical Research Communications, 1992, 184, 137-143.	2.1	28

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37	Conformational change of ascidiacyclamide caused by asymmetric modification for an isoleucine residue: Structural analyses of [Gly], [Leu], and [Phe]ascidiacyclamides by X-ray diffraction and NMR spectroscopy. , 1999, 49, 459-469.		28
38	Interaction mode of n-dodecylphosphorylcholine, a substrate analogue, with bovine pancreas phospholipase A2 as determined by X-ray crystal analysis. Biochemical and Biophysical Research Communications, 1992, 187, 821-827.	2.1	27
39	The structure of an endomorphin analogue incorporating 1-aminocyclohexane-1-carboxlylic acid for proline is similar to the Î²-turn of Leu-enkephalin. Biochemical and Biophysical Research Communications, 2002, 297, 138-142.	2.1	27
40	Conformations of peptides containing a chiral cyclic Î±, Î±â€disubstituted Î±â€amino acid within the sequence of Aib residues. Journal of Peptide Science, 2010, 16, 621-626.	1.4	27
41	Helical-Screw Directions of Diastereoisomeric Cyclic Î±-Amino Acid Oligomers. Organic Letters, 2009, 11, 1135-1137.	4.6	26
42	Screwâ€Sense Control of Helical Oligopeptides Containing Equal Amounts of <scp>L</scp>â€•and <scp>D</scp>â€Amino Acids. Chemistry - A European Journal, 2011, 17, 11107-11109.	3.3	26
43	Absolute structure of gibboside, an iridoid glucoside from Patrinia gibbosaâ˜†. Phytochemistry, 1987, 26, 561-564.	2.9	25
44	Design of a stabilized short helical peptide and its application to catalytic enantioselective epoxidation of (E)-chalcone. Tetrahedron Letters, 2011, 52, 798-801.	1.4	25
45	Anthcolorins Aâ€“F, novel cytotoxic metabolites from a sea urchin-derived Aspergillus versicolor. Tetrahedron, 2013, 69, 4617-4623.	1.9	25
46	Combination of Trp and Glu residues for recognition of mRNA cap structure Analysis of m7G base recognition site of human cap binding protein (IF-4E) by site-directed mutagenesis. FEBS Letters, 1991, 280, 207-210.	2.8	24
47	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-), andcyclo(-Ile-aThr-Val-Thz-Ile-aThr-D-Val-Thz-). Biopolymers, 2001, 58, 295-304.	2.4	24
48	A possible recognition mode of mRNA cap terminal structure by peptide: Cooperative stacking and hydrogen-bond pairing interactions between m7GpppA and Trp-Leu-Glu. Biochemical and Biophysical Research Communications, 1988, 154, 199-204.	2.1	23
49	Design and synthesis of regioisomerically pure unsymmetrical xanthene derivatives for staining live cells and their photochemical properties. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4380-4384.	2.2	23
50	Conserved and novel structural characteristics of enantiomorphic Leuâ€enkephalin. International Journal of Peptide and Protein Research, 1994, 43, 325-331.	0.1	23
51	Three-dimensional structure of monoanionic methionine-enkephalin: X-ray structure of tert -butyloxycarbonyl-Tyr-Gly-Gly-(4-bromo)Phe-Met-OH. FEBS Letters, 1984, 170, 229-231.	2.8	22
52	Development of stapled short helical peptides capable of inhibiting vitamin D receptor (VDR)â€“coactivator interactions. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 4292-4296.	2.2	22
53	Molecular conformation of achatin-I, an endogenous neuropeptide containing D-amino acid residue. FEBS Letters, 1990, 276, 95-97.	2.8	20
54	Prominent stacking interaction with aromatic amino acid by N-quarternization of nucleic acid base: X-ray crystallographic characteristics and biological implications. Archives of Biochemistry and Biophysics, 1990, 278, 217-227.	3.0	20

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55	Cooperative stacking and hydrogen bond pairing interactions of fragment peptide in cap binding protein with mRNA cap structure. Biochimica Et Biophysica Acta - General Subjects, 1991, 1075, 181-186.	2.4	20
56	Interaction of indole derivatives with biologically important aromatic compounds. Part 22. Importance of simultaneous co-operation of hydrogen-bond pairing and stacking interactions for recognition of guanine base by a peptide: X-ray crystal analysis of 7-methylguanosine-5â€²-phosphateâ€“tryptophanylglutamic acid complex. Journal of the Chemical Society Perkin Transactions 1, 1991, , 1847-1853.	0.9	20
57	Structural Studies of the Interaction between Indole Derivatives and Biologically Important Aromatic Compounds. Part XXVI. X-Ray Crystal Structure of L-Tryptophan-Picric Acid Charge-Transfer Complex and Comparison with DL-Tryptophan-Picric Acid Complex.. Chemical and Pharmaceutical Bulletin, 1993, 41, 433-438.	1.3	20
58	Direct Expression of a Synthetic Gene in Escherichia coli: Purification and Physicochemical Properties of Human Initiation Factor 4E. Journal of Biochemistry, 1994, 116, 687-693.	1.7	20
59	Chemical studies on the constituents of the thymelaeaceous plants. III. Structure of a novel spiro biflavonoid, daphnodorin C, from Daphne odora Thunb.. Chemical and Pharmaceutical Bulletin, 1987, 35, 1853-1859.	1.3	19
60	Structural studies of the interaction between indole derivatives and biologically important aromatic compounds. Part 19. Effect of base methylation on the ring-stacking interaction between tryptophan and guanine derivatives: a nuclear magnetic resonance investigation. Journal of the Chemical Society Perkin Transactions II, 1987, , 1739.	0.9	19
61	Oligopeptides with Equal Amounts of <scp>l</scp>- and <scp>d</scp>-Amino Acids May Prefer a Helix Screw Sense. Journal of Organic Chemistry, 2013, 78, 12106-12113.	3.2	19
62	Indole ring binds to 7-methylguanine base by Ï€-Ï€ stacking interaction. FEBS Letters, 1986, 195, 57-60.	2.8	18
63	Conformational feature of neuroactive domoic acid: X-ray structural comparison with isodomoic acid A and Î±-kainic acid. Biochemical and Biophysical Research Communications, 1992, 187, 325-331.	2.1	18
64	Three-Dimensional Structural Control of Diastereomeric Leu-Leu-Aib-Leu-Leu-Aib Sequences in the Solid State. Journal of Organic Chemistry, 2010, 75, 5234-5239.	3.2	18
65	Helical Peptide-Foldamers Having a Chiral Five-Membered Ring Amino Acid with Two Azido Functional Groups. Journal of Organic Chemistry, 2014, 79, 9125-9140.	3.2	18
66	Crystal structure of copper(II) complex with tryptamine-pyridoxal Schiff base and conformational study of tryptophan in pyridoxal-catalyzed reactions.. Chemical and Pharmaceutical Bulletin, 1986, 34, 3553-3562.	1.3	17
67	Photocyclization of Enamides. XXVIII. : A Formal Total Synthesis of (Â±)-Deserpidine. Chemical and Pharmaceutical Bulletin, 1989, 37, 901-906.	1.3	17
68	Formation of Imidazolopyrroloquinoline as Main PQQ Adduct with Amino Acid in Vitro: X-ray Structural Evidence. Journal of the American Chemical Society, 1995, 117, 3278-3279.	13.7	17
69	Helical Structures of Bicyclic Î±â€Amino Acid Homochiral Oligomers with the Stereogenic Centers at the Sideâ€Chain Fusedâ€Ring Junctions. Helvetica Chimica Acta, 2012, 95, 1694-1713.	1.6	17
70	Conformations of helical Aib peptides containing a pair of <scp>l</scp>â€amino acid and <scp>d</scp>â€amino acid. Journal of Peptide Science, 2012, 18, 466-475.	1.4	17
71	Solid-state conformation of diastereomeric -Pro-Pro-(Aib)4 sequences. Tetrahedron, 2010, 66, 2293-2296.	1.9	16
72	Conformational characteristics of opioid .KAPPA.-receptor agonist: Crystal structure of (5S, 7S,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 72 conformational comparison with some .KAPPA.-agonists.. Chemical and Pharmaceutical Bulletin, 1990, 38, 1815-1818.	1.3	15

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73	Conformation of deltorphin-II in membrane environment studied by two-dimensional NMR spectroscopy and molecular dynamics calculations. FEBS Journal, 1993, 212, 185-191.	0.2	15
74	Structural Feature and Molecular Interaction of Basic Amino Acid-Picric Acid Complexes by X-Ray Crystal Analyses.. Chemical and Pharmaceutical Bulletin, 1995, 43, 1836-1843.	1.3	15
75	Antiparallel Pleated Î²-Sheets Observed in Crystal Structures of N,N-Bis(trichloroacetyl) and N,N-Bis(m-bromobenzoyl) Gramicidin S. Archives of Biochemistry and Biophysics, 2001, 395, 85-93.	3.0	15
76	A flat squared conformation of an ascidiacyclamide derivative caused by chiral modification of an oxazoline residue. Biochemical and Biophysical Research Communications, 2002, 297, 143-147.	2.1	15
77	Controlling the helical screw sense of peptides with Câ€terminal Lâ€valine. Journal of Peptide Science, 2010, 16, 153-158.	1.4	15
78	Topological Study of the Structures of Heterochiral Peptides Containing Equal Amounts of <scp>l</scp>-Leu and <scp>d</scp>-Leu. Journal of Organic Chemistry, 2015, 80, 8597-8603.	3.2	15
79	Helical foldamer-catalyzed enantioselective 1,4-addition reaction of dialkyl malonates to cyclic enones. Tetrahedron Letters, 2019, 60, 151301.	1.4	15
80	The three-dimensional similarity between a dimeric antiparallel extended structure and a Î²-turn folded form of enkephalin. FEBS Letters, 1987, 213, 265-268.	2.8	14
81	The square conformation of phenylglycine-incorporated ascidiacyclamide is stabilized by CH/Ï€ interactions between amino acid side chains. Bioorganic and Medicinal Chemistry, 2011, 19, 3372-3377.	3.0	14
82	Photocyclisation of enamides. Part 29. A general strategy for the synthesis of ipecac and heteroyohimbine alkaloids. Journal of the Chemical Society Perkin Transactions 1, 1990, , 1271.	0.9	13
83	Cooperative face-to-face and edge-to-face aromatic interactions of tryptophan indole ring with N7-quarternized guanine and neutral cytosine bases. FEBS Letters, 1993, 333, 214-216.	2.8	13
84	Physicochemical Properties of Dexamethasone Palmitate, a High Fatty Acid Ester of an Anti-inflammatory Drug: Polymorphism and Crystal Structure. Journal of Pharmaceutical Sciences, 1989, 78, 417-422.	3.3	12
85	Candibirin A, a furanocoumarin dimer isolated fromHeracleum candicansWALL.. Acta Crystallographica Section C: Crystal Structure Communications, 2004, 60, o833-o835.	0.4	12
86	Fluorophotometric Determination of Hydrogen Peroxide and Other Reactive Oxygen Species with Fluorescein Hydrazide (FH) and Its Crystal Structure. Chemical and Pharmaceutical Bulletin, 2008, 56, 977-981.	1.3	12
87	Effects of thioamide substitution for the enkephalin conformation. International Journal of Peptide and Protein Research, 1989, 34, 369-373.	0.1	12
88	Comparative conformational analyses of Î¼â€selective dermorphin and Â§â€selective deltorphinâ€I in aqueous solution by ¹Hâ€NMR spectroscopy. International Journal of Peptide and Protein Research, 1994, 44, 295-304.	0.1	12
89	Bio-imaging of hydroxyl radicals in plant cells using the fluorescent molecular probe rhodamine B hydrazide, without any pretreatment. Journal of Bioscience and Bioengineering, 2014, 118, 98-100.	2.2	12
90	Synthesis of both enantiomers of cyclic methionine analogue: (R)- and (S)-3-aminotetrahydrothiophene-3-carboxylic acids. Tetrahedron: Asymmetry, 2013, 24, 464-467.	1.8	11

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91	Synthesis of chiral fiveâ€membered carbocyclic ring amino acids with an acetal moiety and helical conformations of its homoâ€chiral homopeptides. Biopolymers, 2016, 106, 555-562.	2.4	11
92	Importance of folded monomer and extended antiparallel dimer structures as enkephalin active conformation Molecular dynamics simulations of [Met5]enkephalin in water. FEBS Letters, 1988, 239, 271-275.	2.8	10
93	Selective binding of guanine base by a tryptophan-containing dipeptide. Journal of the Chemical Society Chemical Communications, 1990, , 217.	2.0	10
94	Structural Studies of the Interaction between Indole Derivatives and Biologically Important Aromatic Compounds. Part XXIII. Sequence-Dependent Interaction of Acidic Amino Acid with Guanine Base in Tryptophan-Containing Dipeptides: Spectroscopic Studies.. Chemical and Pharmaceutical Bulletin, 1991, 39, 2483-2486.	1.3	10
95	Four Guaianolides from Sinodielsia yunnanensis.. Chemical and Pharmaceutical Bulletin, 2003, 51, 68-70.	1.3	10
96	Î±â€Helical Structures of Oligopeptides with an Alternating lâ€Leuâ€Aib Segment. European Journal of Organic Chemistry, 2016, 2016, 2815-2820.	2.4	10
97	Diastereomeric Rightâ€and Leftâ€Handed Helical Structures with Fourteen (R)â€Chiral Centers. Chemistry - A European Journal, 2017, 23, 18120-18124.	3.3	10
98	Ascidiacyclamides containing oxazoline and thiazole motifs assume square conformations and show high cytotoxicity. Journal of Peptide Science, 2018, 24, e3120.	1.4	10
99	Synthesis of six-membered carbocyclic ring Î±,Î±-disubstituted amino acids and arginine-rich peptides to investigate the effect of ring size on the properties of the peptide. Bioorganic and Medicinal Chemistry, 2021, 38, 116111.	3.0	10
100	Conformational similarities of angiotensin-converting enzyme inhibitors: X-ray crystal structures. Journal of the Chemical Society Chemical Communications, 1986, , 473.	2.0	9
101	The revised structure of daphnodorin C, a novel spiro biflavonoid.. Chemical and Pharmaceutical Bulletin, 1986, 34, 2680-2683.	1.3	9
102	Interaction of mutagenic tryptophan pyrolysate with DNA. FEBS Letters, 1993, 324, 301-304.	2.8	9
103	Amphipathic structure of Theonellapeptolide-Id, a hydrophobic tridecapeptide lactone from the Okinawa marine spongeTheonella swinhoei. Biopolymers, 2000, 54, 27-34.	2.4	9
104	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. Acta Crystallographica Section C: Crystal Structure Communications, 2003, 59, o488-o490.	0.4	9
105	Effect of one Dâ€Leu residue on rightâ€handed helical â€Lâ€Leuâ€Aibâ€peptides in the crystal state. Journal of Peptide Science, 2011, 17, 420-426.	1.4	9
106	Peptide foldamers composed of six-membered ring Î±,Î±-disubstituted Î±-amino acids with two changeable chiral acetalÂmoieties. Tetrahedron, 2015, 71, 3909-3914.	1.9	9
107	Amino equatorial effect of a six-membered ring amino acid on its peptide 310- and Î±-helices. Tetrahedron, 2015, 71, 2409-2420.	1.9	9
108	Conformational transformation of ascidiacyclamide analogues induced by incorporating enantiomers of phenylalanine, 1-naphthylalanine or 2-naphthylalanine. Journal of Peptide Science, 2016, 22, 156-165.	1.4	9

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109	Extent of Helical Induction Caused by Introducing Î±-Aminoisobutyric Acid into an Oligovaline Sequence. ACS Omega, 2018, 3, 6395-6399.	3.5	9
110	Asymmetric 1,4â€Addition Reactions Catalyzed by Nâ€Terminal Thioureaâ€Modified Helical <scp>l</scp>â€Leu Peptide with Cyclic Amino Acids. Chemistry - A European Journal, 2021, 27, 11216-11220.	3.3	9
111	Stacking and hydrogen bonding interactions between phenylalanine and guanine nucleotide: Crystal structure of L-phenylalanine-7-methylguanosine-5â€²-monophosphate complex. Biochemical and Biophysical Research Communications, 1986, 136, 294-299.	2.1	8
112	Crystal structure of (uracil-1-ylethyl)(adenin-9-ylethyl)tryptophan dipeptide: An interaction model between nucleic acid base and aromatic amino acid.. Chemical and Pharmaceutical Bulletin, 1987, 35, 1691-1701.	1.3	8
113	Physicochemical Properties of Crystalline Forms of Ethynylestradiol Solvates: Comparison of Thermal Behavior with X-ray Crystal Structure. Journal of Pharmaceutical Sciences, 1989, 78, 274-280.	3.3	8
114	Crystal structure and molecular conformation of achatinâ€I (Hâ€Glyâ€<scp>d</scp>â€Pheâ€Alaâ€Aspâ€OH), an endogenous neuropeptide containing a <scp>d</scp>â€amino acid residue. International Journal of Peptide and Protein Research, 1992, 39, 258-264.	0.1	8
115	Twisted Structure of a Cyclic Hexapeptide Containing a Combination of Alternating l-Leu-d-Leu-Aib Segments. Journal of Organic Chemistry, 2012, 77, 9361-9365.	3.2	8
116	Conformational studies on peptides having chiral five-membered ring amino acid with two azido or triazole functional groups within the sequence of Aib residues. Tetrahedron, 2014, 70, 8900-8907.	1.9	8
117	Crystal Structure of Gramicidin S Hydrochloride at 1.1 Ã... Resolution. X-ray Structure Analysis Online, 2019, 35, 1-2.	0.2	8
118	X-ray structural studies of the interactions between the components of protein and nucleic acid. II. Crystal structure of the adenin-9-ylethylamine: phenylacetic acid (1:1) complex.. Chemical and Pharmaceutical Bulletin, 1982, 30, 4249-4257.	1.3	7
119	Structural Studies of the Interaction between Indole Derivatives and Biologically Important Aromatic Compounds. Part XXVI. Recognition of a Nucleic Acid Base by Tryptophan-Containing Peptides: Spectroscopic Comparison of the Interaction of Trp-Gly-Gly-Glu and Trp-Gly-Gly-Gln with 7-Methylguanine Base.. Chemical and Pharmaceutical Bulletin, 1994, 42, 674-676.	1.3	7
120	CÎ±-Methyl, CÎ±-phenylglycine peptides: A structural study. International Journal of Peptide Research and Therapeutics, 1998, 5, 223-225.	0.1	7
121	Spectroscopic Investigation on the Interaction of NCA0424, a Potent Antitumor Indoloquinoxaline Derivative, with DNA.. Chemical and Pharmaceutical Bulletin, 1998, 46, 739-743.	1.3	7
122	Structural versatility of peptides from C^{Î±,Î±}â€disubstituted glycines: crystalâ€state conformational analysis of peptides from C^{Î±}â€methylhomophenylalanine, (Î±Me)Hph. International Journal of Peptide and Protein Research, 1996, 47, 491-497.	0.1	7
123	Helical Foldamer Containing a Combination of Cyclopentane-1,2-diamine and 2,2-Dimethylmalonic Acid. Journal of Organic Chemistry, 2013, 78, 9991-9994.	3.2	7
124	Modulating the structure of phenylalanine-incorporated ascidiacyclamide through fluorination. Journal of Peptide Science, 2014, 20, 794-802.	1.4	7
125	A dimer model of human calcitonin13-32 forms an Î±-helical structure and robustly aggregates in 50% aqueous 2,2,2-trifluoroethanol solution. Journal of Peptide Science, 2016, 22, 480-484.	1.4	7
126	Low pH-triggering changes in peptide secondary structures. Organic and Biomolecular Chemistry, 2017, 15, 6302-6305.	2.8	7

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127	Left-Handed Helix of Three-Membered Ring Amino Acid Homopeptide Interrupted by an Nâ€“HÂ·Â·Â·Ethereal O-Type Hydrogen Bond. Organic Letters, 2018, 20, 7830-7834.	4.6	7
128	Proton nuclear magnetic resonance study on the aromatic amino acid-guanine nucleotide system. Effect of base methylation on the stacking interaction with tyrosine and phenylalanine.. Chemical and Pharmaceutical Bulletin, 1989, 37, 1-4.	1.3	6
129	Structural Studies of the Interaction between Indole Derivatives and Biologically Improtant Aromatic compounds Part XXV.. Chemical and Pharmaceutical Bulletin, 1993, 41, 231-234.	1.3	6
130	Thermodynamic Effect of Complementary Hydrogen Bond Base Pairing on Aromatic Stacking		

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145	Helical structures of homo-chiral isotope-labeled Î±-aminoisobutyric acid peptides. Tetrahedron, 2016, 72, 5864-5871.	1.9	5
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