Yosuke Demizu

List of Publications by Year in Descending Order

173 papers	2,708 citations	30 h-index	42 g-index
214 ext. papers	3,189 ext. citations	3.5 avg, IF	5 L-index

#	Paper	IF	Citations
173	The effects of magainin 2-derived and rationally designed antimicrobial peptides on Mycoplasma pneumoniae.. *PLoS ONE*, **2022**, 17, e0261893	3.7	
172	Molecular Design, Synthesis, and Evaluation of SNIPER (ER) that Induces Targeted Protein Degradation of ER *Methods in Molecular Biology*, **2022**, 2418, 363-382	1.4	
171	Development of Chimeric Molecules That Degrade the Estrogen Receptor Using Decoy Oligonucleotide Ligands.. *ACS Medicinal Chemistry Letters*, **2022**, 13, 134-139	4.3	5
170	Helical Foldamers and Stapled Peptides as New Modalities in Drug Discovery: Modulators of Protein-Protein Interactions. *Processes*, **2022**, 10, 924	2.9	0
169	Discovery of a Highly Potent and Selective Degrader Targeting Hematopoietic Prostaglandin D Synthase via In Silico Design. *Journal of Medicinal Chemistry*, **2021**, 64, 15868-15882	8.3	5
168	TRIP12 promotes small-molecule-induced degradation through K29/K48-branched ubiquitin chains. *Molecular Cell*, **2021**, 81, 1411-1424.e7	17.6	11
167	Synthesis and characterization of PNA oligomers containing preQ as a positively charged guanine analogue. *Bioorganic and Medicinal Chemistry Letters*, **2021**, 39, 127850	2.9	1
166	Development of Agonist-Based PROTACs Targeting Liver X Receptor. *Frontiers in Chemistry*, **2021**, 9, 674967	5	4
165	Miroestrol Quantification in Pueraria mirifica Crude Drugs and Products by Single-Reference UPLC/PDA/MS Using Relative Molar Sensitivities to Kwakhurin. *Chemical and Pharmaceutical Bulletin*, **2021**, 69, 573-580	1.9	1
164	Structure-activity relationship study of amphipathic antimicrobial peptides using helix-destabilizing sarcosine. *Journal of Peptide Science*, **2021**, 27, e3360	2.1	3
163	Development of ciclesonide analogues that block SARS-CoV-2 RNA replication. *Bioorganic and Medicinal Chemistry Letters*, **2021**, 43, 128052	2.9	1
162	Amine skeleton-based c-di-GMP derivatives as biofilm formation inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2021**, 32, 127713	2.9	2
161	Development of Selective TGR5 Ligands Based on the 5,6,7,8-Tetrahydro-5,5,8,8-tetramethylnaphthalene Skeleton. *ChemMedChem*, **2021**, 16, 458-462	3.7	0
160	Design and synthesis of novel estrogen receptor antagonists with acetal containing biphenylmethane skeleton. *Results in Chemistry*, **2021**, 3, 100124	2.1	
159	Development of Antimicrobial Stapled Peptides Based on Magainin 2 Sequence. *Molecules*, **2021**, 26,	4.8	10
158	Protocols for Synthesis of SNIPERs and the Methods to Evaluate the Anticancer Effects. *Methods in Molecular Biology*, **2021**, 2365, 331-347	1.4	1
157	Development of a Hematopoietic Prostaglandin D Synthase-Degradation Inducer. *ACS Medicinal Chemistry Letters*, **2021**, 12, 236-241	4.3	7

156	Transition Metal-Free O-Arylation of Quinoxalin-2-ones with Diaryliodonium Salts. *Heterocycles*, **2021**, 103, 502	0.8	
155	Helical Antimicrobial Peptide Foldamers Containing Non-proteinogenic Amino Acids. *ChemMedChem*, **2021**, 16, 1226-1233	3.7	5
154	Approach to Establishment of Control Strategy for Oral Solid Dosage Forms Using Continuous Manufacturing. *Chemical and Pharmaceutical Bulletin*, **2021**, 69, 211-217	1.9	2
153	Peptide Stapling Improves the Sustainability of a Peptide-Based Chimeric Molecule That Induces Targeted Protein Degradation. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
152	N-Nitrosodimethylamine (NDMA) Formation from Ranitidine Impurities: Possible Root Causes of the Presence of NDMA in Ranitidine Hydrochloride. *Chemical and Pharmaceutical Bulletin*, **2021**, 69, 872-876	1.9	1
151	Discovery of non-proteinogenic amino acids inhibiting biofilm formation by S. aureus and methicillin-resistant S. aureus. *Bioorganic and Medicinal Chemistry Letters*, **2021**, 48, 128259	2.9	1
150	Synthesis of Norgestomet and its 17-isomer and evaluation of their agonistic activities against progesterone receptor. *Bioorganic and Medicinal Chemistry*, **2021**, 49, 116425	3.4	
149	Fc-Receptor-Dependent Internalization and Off-Target Cytotoxicity of Antibody-Drug Conjugate Aggregates.. *Pharmaceutical Research*, **2021**, 39, 89	4.5	2
148	Development of Photoswitchable Estrogen Receptor Ligands. *Chemical and Pharmaceutical Bulletin* , **2020**, 68, 398-402	1.9	3
147	De Novo Design of Cell-Penetrating Foldamers. *Chemical Record*, **2020**, 20, 912-921	6.6	6
146	Design and synthesis of peptide-based chimeric molecules to induce degradation of the estrogen and androgen receptors. *Bioorganic and Medicinal Chemistry*, **2020**, 28, 115595	3.4	5
145	Deubiquitylase USP25 prevents degradation of BCR-ABL protein and ensures proliferation of Ph-positive leukemia cells. *Oncogene*, **2020**, 39, 3867-3878	9.2	9
144	Targeted Protein Degradation by Chimeric Compounds using Hydrophobic E3 Ligands and Adamantane Moiety. *Pharmaceuticals*, **2020**, 13,	5.2	1
143	Copper-Catalyzed Enantioselective Synthesis of Oxazolines from Aminotriols via Asymmetric Desymmetrization. *Chemistry - an Asian Journal*, **2020**, 15, 840-844	4.5	3
142	Selective Degradation of Target Proteins by Chimeric Small-Molecular Drugs, PROTACs and SNIPERs. *Pharmaceuticals*, **2020**, 13,	5.2	8
141	Facile Synthesis of Kwakhurin, a Marker Compound of Pueraria mirifica and Its Quantitative NMR Analysis for Standardization as a Reagent. *Chemical and Pharmaceutical Bulletin*, **2020**, 68, 797-801	1.9	2
140	Temperature-Dependent Formation of N-Nitrosodimethylamine during the Storage of Ranitidine Reagent Powders and Tablets. *Chemical and Pharmaceutical Bulletin*, **2020**, 68, 1008-1012	1.9	9
139	Design and Synthesis of 4-(2-Pyrrolyl)-4-phenylheptane Derivatives as Estrogen Receptor Antagonists. *Heterocycles*, **2020**, 101, 429	0.8	

138	Critical role of mitochondrial ubiquitination and the OPTN-ATG9A axis in mitophagy. *Journal of Cell Biology*, **2020**, 219,	7.3	48
137	Synthesis of Chiral α-Trifluoromethyl α,α-Disubstituted α-Amino Acids and Conformational Analysis of L-Leu-Based Peptides with (R)- or (S)-α-Trifluoromethylalanine. *ChemistrySelect*, **2020**, 5, 10882-10886	1.8	3
136	Design, Synthesis, and Biological Activity of Conformationally Restricted Analogues of Silibinin. *ACS Omega*, **2020**, 5, 23164-23174	3.9	2
135	Rational Design of Helix-Stabilized Antimicrobial Peptide Foldamers Containing α,α-Disubstituted Amino Acids or Side-Chain Stapling. *ChemPlusChem*, **2020**, 85, 2731-2736	2.8	7
134	Rapid and efficient high-performance liquid chromatography analysis of N-nitrosodimethylamine impurity in valsartan drug substance and its products. *Scientific Reports*, **2019**, 9, 11852	4.9	15
133	Development of Small Molecule Chimeras That Recruit AhR E3 Ligase to Target Proteins. *ACS Chemical Biology*, **2019**, 14, 2822-2832	4.9	32
132	Development of 2-aminoisobutyric acid (Aib)-rich cell-penetrating foldamers for efficient siRNA delivery. *Chemical Communications*, **2019**, 55, 7792-7795	5.8	10
131	Rational design of novel amphipathic antimicrobial peptides focused on the distribution of cationic amino acid residues. *MedChemComm*, **2019**, 10, 896-900	5	11
130	Facile Synthesis of α-exo-Methylene Ketones from α,α-Disubstituted Allyl Alcohols by Electrochemical Oxidative Migration. *ChemElectroChem*, **2019**, 6, 4169-4172	4.3	5
129	Analysis of an Impurity, N-Nitrosodimethylamine, in Valsartan Drug Substances and Associated Products Using GC-MS. *Biological and Pharmaceutical Bulletin*, **2019**, 42, 547-551	2.3	9
128	Inhibition of β-amyloid-induced neurotoxicity by planar analogues of procyanidin B3. *Bioorganic and Medicinal Chemistry Letters*, **2019**, 29, 2659-2663	2.9	4
127	Palladium-Catalyzed Synthesis of Deuterated Alkenes through Deuterodechlorination of Alkenyl Chlorides. *Organic Process Research and Development*, **2019**, 23, 1552-1557	3.9	6
126	Development of Amphipathic Antimicrobial Peptide Foldamers Based on Magainin 2 Sequence. *ChemMedChem*, **2019**, 14, 1911-1916	3.7	6
125	Refining Calibration Procedures of Circular Dichroism Spectrometer to Improve Usability. *Analytical Sciences*, **2019**, 35, 1275-1278	1.7	
124	Design and synthesis of estrogen receptor ligands with a 4-heterocycle-4-phenylheptane skeleton. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 1638-1642	3.4	4
123	Structural Development of Cell-Penetrating Peptides Containing Cationic Proline Derivatives. *Chemical and Pharmaceutical Bulletin*, **2018**, 66, 575-580	1.9	6
122	Development of a Small Hybrid Molecule That Mediates Degradation of His-Tag Fused Proteins. *Journal of Medicinal Chemistry*, **2018**, 61, 576-582	8.3	20
121	Extent of Helical Induction Caused by Introducing α-Aminoisobutyric Acid into an Oligovaline Sequence. *ACS Omega*, **2018**, 3, 6395-6399	3.9	5

120	Structural development of non-secosteroidal vitamin D receptor (VDR) ligands without any asymmetric carbon. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 6146-6152	3.4	
119	Left-Handed Helix of Three-Membered Ring Amino Acid Homopeptide Interrupted by an N-H□□Ethereal O-Type Hydrogen Bond. *Organic Letters*, **2018**, 20, 7830-7834	6.2	5
118	Design and synthesis of cell-permeable fluorescent nitrilotriacetic acid derivatives. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 5494-5498	3.4	1
117	Development of helix-stabilized cell-penetrating peptides containing cationic □disubstituted amino acids as helical promoters. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 1846-1851	3.4	17
116	Development of an ON/OFF switchable fluorescent probe targeting His tag fused proteins in living cells. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 3417-3422	2.9	3
115	Efficient synthesis of a multi-substituted diphenylmethane skeleton as a steroid mimetic. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 2590-2593	2.9	6
114	Design and synthesis of novel selective estrogen receptor degradation inducers based on the diphenylheptane skeleton. *MedChemComm*, **2017**, 8, 239-246	5	10
113	Targeted Degradation of Proteins Localized in Subcellular Compartments by Hybrid Small Molecules. *Molecular Pharmacology*, **2017**, 91, 159-166	4.3	38
112	Development of a peptide-based inducer of protein degradation targeting NOTCH1. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 4985-4988	2.9	17
111	Preorganized Cyclic □Disubstituted □Amino Acids Bearing Functionalized Side Chains That Act as Peptide-Helix Inducers. *Journal of Organic Chemistry*, **2017**, 82, 10722-10726	4.2	8
110	Development of helix-stabilized antimicrobial peptides composed of lysine and hydrophobic □disubstituted □amino acid residues. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 3950-3953	2.9	11
109	Simple and efficient knockdown of His-tagged proteins by ternary molecules consisting of a His-tag ligand, a ubiquitin ligase ligand, and a cell-penetrating peptide. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 4478-4481	2.9	6
108	Rational Design and Synthesis of Post-Functionalizable Peptide Foldamers as Helical Templates. *Bioconjugate Chemistry*, **2017**, 28, 3029-3035	6.3	4
107	Diastereomeric Right- and Left-Handed Helical Structures with Fourteen (R)-Chiral Centers. *Chemistry - A European Journal*, **2017**, 23, 18120-18124	4.8	10
106	Low pH-triggering changes in peptide secondary structures. *Organic and Biomolecular Chemistry*, **2017**, 15, 6302-6305	3.9	5
105	PNA monomers fully compatible with standard Fmoc-based solid-phase synthesis of pseudocomplementary PNA. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 3337-3341	2.9	6
104	Helical l□eu-Based Peptides Having Chiral Five-Membered Carbocyclic Ring Amino Acids with an Ethylene Acetal Moiety. *ChemistrySelect*, **2017**, 2, 8108-8114	1.8	4
103	Tamoxifen and Fulvestrant Hybrids Showed Potency as Selective Estrogen Receptor Down-Regulators. *Medicinal Chemistry*, **2017**, 13, 206-213	1.8	

102	Helical structures of homo-chiral isotope-labeled □aminoisobutyric acid peptides. *Tetrahedron*, **2016**, 72, 5864-5871	2.4	4
101	Influence of L-Leu to D-Leu Replacement on the Helical Secondary Structures of L-Leu-Aib-Based Dodecapeptides. *ChemistrySelect*, **2016**, 1, 5805-5811	1.8	1
100	Peptide Nucleic Acid with a Lysine Side Chain at the □Position: Synthesis and Application for DNA Cleavage. *Chemical and Pharmaceutical Bulletin*, **2016**, 64, 817-23	1.9	1
99	Development of BCR-ABL degradation inducers via the conjugation of an imatinib derivative and a cIAP1 ligand. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 4865-4869	2.9	77
98	Development of a Cell-penetrating Peptide that Exhibits Responsive Changes in its Secondary Structure in the Cellular Environment. *Scientific Reports*, **2016**, 6, 33003	4.9	38
97	□Helical Structures of Oligopeptides with an Alternating l-Leu-Aib Segment. *European Journal of Organic Chemistry*, **2016**, 2016, 2815-2820	3.2	9
96	A Helix-Stabilized Cell-Penetrating Peptide as an Intracellular Delivery Tool. *ChemBioChem*, **2016**, 17, 137-40	3.8	42
95	Molecular Design, Synthesis, and Evaluation of SNIPER(ER) That Induces Proteasomal Degradation of ER□*Methods in Molecular Biology*, **2016**, 1366, 549-560	1.4	19
94	1,4-Bis[(N-acetyl-l-phenylalanyl-glycyl-l-alanyl)aminomethyl]benzene. *MolBank*, **2016**, 2016, M893	0.5	
93	Identification of embryonic precursor cells that differentiate into thymic epithelial cells expressing autoimmune regulator. *Journal of Experimental Medicine*, **2016**, 213, 1441-58	16.6	23
92	The side-chain hydroxy groups of a cyclic □□disubstituted □amino acid promote oligopeptide 310 -helix packing in the crystalline state. *Biopolymers*, **2016**, 106, 757-68	2.2	1
91	Handedness Preferences of Heterochiral Helical Peptides Containing Homochiral Peptide Segments. *European Journal of Organic Chemistry*, **2016**, 2016, 840-846	3.2	4
90	Synthesis of chiral five-membered carbocyclic ring amino acids with an acetal moiety and helical conformations of its homo-chiral homopeptides. *Biopolymers*, **2016**, 106, 555-62	2.2	10
89	Plasmid DNA delivery by arginine-rich cell-penetrating peptides containing unnatural amino acids. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 2681-7	3.4	39
88	Synthesis and evaluation of raloxifene derivatives as a selective estrogen receptor down-regulator. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 2914-2919	3.4	10
87	Development of a peptide-based inducer of nuclear receptors degradation. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 2655-8	2.9	20
86	Plasmid DNA delivery using fluorescein-labeled arginine-rich peptides. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 4911-4918	3.4	20
85	Structural development of stabilized helical peptides as inhibitors of estrogen receptor (ER)-mediated transcription. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 4132-4138	3.4	17

84	A preorganized α-amino acid bearing a guanidinium side chain and its use in cell-penetrating peptides. *Organic and Biomolecular Chemistry*, **2015**, 13, 5617-20	3.9	34
83	Synthesis of a bis-cationic α,α-disubstituted amino acid (9-amino-bispidine-9-carboxylic acid) and its effects on the conformational properties of peptides. *Tetrahedron*, **2015**, 71, 2241-2245	2.4	12
82	Amino equatorial effect of a six-membered ring amino acid on its peptide 310- and α-helices. *Tetrahedron*, **2015**, 71, 2409-2420	2.4	7
81	Topological Study of the Structures of Heterochiral Peptides Containing Equal Amounts of l-Leu and d-Leu. *Journal of Organic Chemistry*, **2015**, 80, 8597-603	4.2	14
80	Effects of alkyl side chains and terminal hydrophilicity on vitamin D receptor (VDR) agonistic activity based on the diphenylpentane skeleton. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 5362-6	2.9	2
79	Effects of D-Leu residues on the helical secondary structures of L-Leu-based nonapeptides. *Chemical and Pharmaceutical Bulletin*, **2015**, 63, 218-24	1.9	3
78	Synthesis and Evaluation of Novel Carbocyclic Oxetanocin A (COA-Cl) Derivatives as Potential Tube Formation Agents. *Chemical and Pharmaceutical Bulletin*, **2015**, 63, 701-9	1.9	7
77	Methyl 2-[(2-{2-[(2-acetamidophenyl)ethynyl]benzamido} phenyl)ethynyl]benzoate. *MolBank*, **2015**, 2015, M854	0.5	
76	Peptide foldamers composed of six-membered ring α,α-disubstituted β-amino acids with two changeable chiral acetal□moieties. *Tetrahedron*, **2015**, 71, 3909-3914	2.4	8
75	Synthesis and Resolution of Substituted [5]Carbohelicenes. *Journal of Organic Chemistry*, **2015**, 80, 6502-32	3.2	26
74	Design, synthesis, and anti-HIV-1 activity of 1-aromatic methyl-substituted 3-(3,5-dimethylbenzyl)uracil and N-3,5-dimethylbenzyl-substituted urea derivatives. *Antiviral Chemistry and Chemotherapy*, **2015**, 24, 3-18	3.5	7
73	Synthesis and evaluation of tamoxifen derivatives with a long alkyl side chain as selective estrogen receptor down-regulators. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 3091-6	3.4	20
72	Design, synthesis, and anti-HIV-1 activity of 1-substituted 3-(3,5-dimethylbenzyl)triazine derivatives. *Antiviral Chemistry and Chemotherapy*, **2015**, 24, 62-71	3.5	5
71	Structural development of stapled short helical peptides as vitamin D receptor (VDR)-coactivator interaction inhibitors. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 1055-61	3.4	18
70	A synthetic cannabinoid FDU-NNEI, two 2-indazole isomers of synthetic cannabinoids AB-CHMINACA and NNEI indazole analog (MN-18), a phenethylamine derivative -OH-EDMA, and a cathinone derivative dimethoxy-□PHP, newly identified in illegal products. *Forensic Toxicology*, **2015**, 33, 244-259	2.6	38
69	Isoheleproline: a new amino acid-sesquiterpene adduct from Inula helenium. *Journal of Natural Medicines*, **2014**, 68, 432-5	3.3	10
68	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	2.4	7
67	Helical peptide-foldamers having a chiral five-membered ring amino acid with two azido functional groups. *Journal of Organic Chemistry*, **2014**, 79, 9125-40	4.2	17

66	Amphipathic short helix-stabilized peptides with cell-membrane penetrating ability. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 2403-8	3.4	49
65	NAD-dependent isocitrate dehydrogenase as a novel target of tributyltin in human embryonic carcinoma cells. *Scientific Reports*, **2014**, 4, 5952	4.9	24
64	Development of cell-penetrating R7 fragment-conjugated helical peptides as inhibitors of estrogen receptor-mediated transcription. *Bioconjugate Chemistry*, **2014**, 25, 1921-4	6.3	25
63	Design and synthesis of tamoxifen derivatives as a selective estrogen receptor down-regulator. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 87-9	2.9	21
62	Development of Stabilized Short Helical Peptides and Their Functionalization. *Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry*, **2014**, 72, 1336-1347	0.2	
61	Synthesis and evaluation of novel 3-(3,5-dimethylbenzyl)uracil analogs as potential anti-HIV-1 agents. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 5900-6	3.4	14
60	Helical foldamer containing a combination of cyclopentane-1,2-diamine and 2,2-dimethylmalonic acid. *Journal of Organic Chemistry*, **2013**, 78, 9991-4	4.2	5
59	Development of hybrid small molecules that induce degradation of estrogen receptor-alpha and necrotic cell death in breast cancer cells. *Cancer Science*, **2013**, 104, 1492-8	6.9	93
58	Development of stapled short helical peptides capable of inhibiting vitamin D receptor (VDR)-coactivator interactions. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 4292-6	2.9	19
57	Oligopeptides with equal amounts of L- and D-amino acids may prefer a helix screw sense. *Journal of Organic Chemistry*, **2013**, 78, 12106-13	4.2	19
56	Helical Oligomers with a Changeable Chiral Acetal Moiety. *European Journal of Organic Chemistry*, **2013**, 2013, 7679-7682	3.2	10
55	Design and synthesis of estrogen receptor degradation inducer based on a protein knockdown strategy. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 1793-6	2.9	68
54	Monoallylation of 1,2-diols by Pd/Sn bimetallic catalysis. *Chemistry - A European Journal*, **2012**, 18, 2477-80	4.8	8
53	One-handed helical screw direction of homopeptide foldamer exclusively induced by cyclic β-amino acid side-chain chiral centers. *Chemistry - A European Journal*, **2012**, 18, 2430-9	4.8	48
52	Twisted structure of a cyclic hexapeptide containing a combination of alternating L-Leu-D-Leu-Aib segments. *Journal of Organic Chemistry*, **2012**, 77, 9361-5	4.2	7
51	Helical Structures of Bicyclic β-Amino Acid Homochiral Oligomers with the Stereogenic Centers at the Side-Chain Fused-Ring Junctions. *Helvetica Chimica Acta*, **2012**, 95, 1694-1713	2	16
50	Solid-Phase Nucleophilic Fluorination. *Synthetic Communications*, **2012**, 42, 1724-1730	1.7	3
49	Conformations of helical Aib peptides containing a pair of L-amino acid and D-amino acid. *Journal of Peptide Science*, **2012**, 18, 466-75	2.1	17

48	Conformational studies on peptides containing □□disubstituted □amino acids: chiral cyclic □□disubstituted □amino acid as an □helical inducer. *Organic and Biomolecular Chemistry*, **2011**, 9, 3303-12	3.9	58
47	Identification of mutaprodenafil in a dietary supplement and its subsequent synthesis. *Chemical and Pharmaceutical Bulletin*, **2011**, 59, 1314-6	1.9	10
46	Design, synthesis and X-ray crystallographic study of new nonsecosteroidal vitamin D receptor ligands. *Bioorganic and Medicinal Chemistry Letters*, **2011**, 21, 6104-7	2.9	18
45	□PNA: peptide nucleic acid (PNA) with a chiral center at the □position of the PNA backbone. *Bioorganic and Medicinal Chemistry Letters*, **2011**, 21, 7317-20	2.9	22
44	Effect of one D-Leu residue on right-handed helical -L-Leu-Aib- peptides in the crystal state. *Journal of Peptide Science*, **2011**, 17, 420-6	2.1	9
43	Screw-sense control of helical oligopeptides containing equal amounts of L- and D-amino acids. *Chemistry - A European Journal*, **2011**, 17, 11107-9	4.8	26
42	Enantioselective epoxidation of □□unsaturated ketones catalyzed by stapled helical l-Leu-based peptides. *Tetrahedron*, **2011**, 67, 6155-6165	2.4	43
41	Design of a stabilized short helical peptide and its application to catalytic enantioselective epoxidation of (E)-chalcone. *Tetrahedron Letters*, **2011**, 52, 798-801	2	24
40	Facile Synthesis of Stereoisomers of the Non-Secosteroidal Ligand LG190178 and their Evaluation Using the Mutant Vitamin D Receptor. *Letters in Organic Chemistry*, **2011**, 8, 43-47	0.6	6
39	Three-dimensional structural control of diastereomeric Leu-Leu-Aib-Leu-Leu-Aib sequences in the solid state. *Journal of Organic Chemistry*, **2010**, 75, 5234-9	4.2	17
38	Solid-state conformation of diastereomeric -Pro-Pro-(Aib)4 sequences. *Tetrahedron*, **2010**, 66, 2293-2296	2.4	15
37	Facile synthesis of optically active oxindoles by copper-catalyzed asymmetric monotosylation of prochiral 1,3-diols. *Tetrahedron: Asymmetry*, **2010**, 21, 1370-1373		10
36	Controlling the helical screw sense of peptides with C-terminal L-valine. *Journal of Peptide Science*, **2010**, 16, 153-8	2.1	14
35	Conformations of peptides containing a chiral cyclic □□disubstituted □amino acid within the sequence of Aib residues. *Journal of Peptide Science*, **2010**, 16, 621-6	2.1	26
34	Nonenzymatic kinetic resolution of racemic □hydroxyalkanephosphonates with chiral copper catalyst. *Tetrahedron Letters*, **2009**, 50, 5241-5244	2	10
33	Helical-screw directions of diastereoisomeric cyclic alpha-amino acid oligomers. *Organic Letters*, **2009**, 11, 1135-7	6.2	26
32	Ring Contraction of □Unsaturated Cyclic Amines with cis-Dihydroxylation at the □Position. *Heterocycles*, **2009**, 77, 311	0.8	3
31	Direct electrochemical alpha-cyanation of N-protected cyclic amines. *Organic and Biomolecular Chemistry*, **2009**, 7, 351-6	3.9	43

30	Regioselective protection of sugars catalyzed by dimethyltin dichloride. *Organic Letters*, **2008**, 10, 5075-7	6.2	108
29	Regioselective Introduction of Electrophiles into Piperidine Derivatives at the 4-Position. *Heterocycles*, **2008**, 76, 177	0.8	12
28	Nonenzymatic Kinetic Resolution of 3-Hydroxyalkanamides with Chiral Copper Catalyst. *Synlett*, **2008**, 2008, 433-437	2.2	4
27	Convenient synthesis of an enantiomerically pure bicyclic proline and its N-oxyl derivatives. *Tetrahedron: Asymmetry*, **2008**, 19, 2659-2665		20
26	Efficient kinetic resolution of racemic amino aldehydes by oxidation with N-iodosuccinimide. *Angewandte Chemie - International Edition*, **2008**, 47, 9458-61	16.4	37
25	Effecient Kinetic Resolution of Racemic Amino Aldehydes by Oxidation with N-Iodosuccinimide. *Angewandte Chemie*, **2008**, 120, 9600-9603	3.6	14
24	High regioselectivity in electrochemical α-methoxylation of N-protected cyclic amines. *Tetrahedron*, **2008**, 64, 3935-3942	2.4	30
23	Asymmetric electrochemical oxidation of 1,2-diols, aminoalcohols, and α-aminoaldehydes in the presence of chiral copper catalyst. *Tetrahedron*, **2008**, 64, 6675-6683	2.4	33
22	Diastereoselective arylation of l-proline derivatives at the 5-position. *Tetrahedron*, **2008**, 64, 7498-7503	2.4	24
21	Efficient oxidation of alcohols electrochemically mediated by azabicyclo-N-oxyls. *Tetrahedron Letters*, **2008**, 49, 48-52	2	61
20	Chiral azabicyclo-N-oxyls mediated enantioselective electrooxidation of sec-alcohols. *Tetrahedron Letters*, **2008**, 49, 5247-5251	2	45
19	Oxidative C–C bond cleavage of N-alkoxycarbonylated cyclic amines by sodium nitrite in trifluoroacetic acid. *Tetrahedron Letters*, **2008**, 49, 6728-6731	2	11
18	Lipase-catalyzed kinetic resolution of cyclic trans-1,2-diols bearing a diester moiety: synthetic application to chiral seven-membered-ring alpha,alpha-disubstituted alpha-amino acid. *Journal of Organic Chemistry*, **2007**, 72, 7750-6	4.2	11
17	Antiviral activity of 3-(3,5-dimethylbenzyl)uracil derivatives against HIV-1 and HCMV. *Nucleosides, Nucleotides and Nucleic Acids*, **2007**, 26, 1553-8	1.4	4
16	Selective Molecular Transformation of 1, 2-Diols Based on Molecular Recognition. *Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry*, **2007**, 65, 216-225	0.2	8
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