

Yosuke Demizu

List of Publications by Citations

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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	Regioselective protection of sugars catalyzed by dimethyltin dichloride. <i>Organic Letters</i> , 2008 , 10, 5075-76.2	6.2	108
172	Development of hybrid small molecules that induce degradation of estrogen receptor-alpha and necrotic cell death in breast cancer cells. <i>Cancer Science</i> , 2013 , 104, 1492-8	6.9	93
171	Development of BCR-ABL degradation inducers via the conjugation of an imatinib derivative and a cIAP1 ligand. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 4865-4869	2.9	77
170	Asymmetric oxidation of 1,2-diols using N-bromosuccinimide in the presence of chiral copper catalyst. <i>Tetrahedron Letters</i> , 2007 , 48, 8668-8672	2	69
169	Design and synthesis of estrogen receptor degradation inducer based on a protein knockdown strategy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 1793-6	2.9	68
168	Efficient oxidation of alcohols electrochemically mediated by azabicyclo-N-oxyls. <i>Tetrahedron Letters</i> , 2008 , 49, 48-52	2	61
167	Conformational studies on peptides containing trisubstituted amino acids: chiral cyclic trisubstituted amino acid as an helical inducer. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 3303-12	3.9	58
166	Chiral centers in the side chains of alpha-amino acids control the helical screw sense of peptides. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5360-3	16.4	54
165	Amphipathic short helix-stabilized peptides with cell-membrane penetrating ability. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 2403-8	3.4	49
164	One-handed helical screw direction of homopeptide foldamer exclusively induced by cyclic amino acid side-chain chiral centers. <i>Chemistry - A European Journal</i> , 2012 , 18, 2430-9	4.8	48
163	Copper complex catalyzed asymmetric monosulfonylation of meso-vic-diols. <i>Tetrahedron Letters</i> , 2007 , 48, 7605-7609	2	48
162	Critical role of mitochondrial ubiquitination and the OPTN-ATG9A axis in mitophagy. <i>Journal of Cell Biology</i> , 2020 , 219,	7.3	48
161	Chiral azabicyclo-N-oxyls mediated enantioselective electrooxidation of sec-alcohols. <i>Tetrahedron Letters</i> , 2008 , 49, 5247-5251	2	45
160	Enantioselective epoxidation of unsaturated ketones catalyzed by stapled helical l-Leu-based peptides. <i>Tetrahedron</i> , 2011 , 67, 6155-6165	2.4	43
159	Direct electrochemical alpha-cyanation of N-protected cyclic amines. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 351-6	3.9	43
158	A Helix-Stabilized Cell-Penetrating Peptide as an Intracellular Delivery Tool. <i>ChemBioChem</i> , 2016 , 17, 137-40	3.8	42
157	Side-chain chiral centers of amino acid and helical-screw handedness of its peptides. <i>Journal of the American Chemical Society</i> , 2005 , 127, 11570-1	16.4	42

156	Controlling 3(10)-helix and alpha-helix of short peptides in the solid state. <i>Chemical and Pharmaceutical Bulletin</i> , 2007 , 55, 840-2	1.9	39
155	Plasmid DNA delivery by arginine-rich cell-penetrating peptides containing unnatural amino acids. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 2681-7	3.4	39
154	Targeted Degradation of Proteins Localized in Subcellular Compartments by Hybrid Small Molecules. <i>Molecular Pharmacology</i> , 2017 , 91, 159-166	4.3	38
153	Development of a Cell-penetrating Peptide that Exhibits Responsive Changes in its Secondary Structure in the Cellular Environment. <i>Scientific Reports</i> , 2016 , 6, 33003	4.9	38
152	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- β PHP, newly identified in illegal products. <i>Forensic Toxicology</i> , 2015 , 33, 244-259	2.6	38
151	Efficient kinetic resolution of racemic amino aldehydes by oxidation with N-iodosuccinimide. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 9458-61	16.4	37
150	An extended planar C5 conformation and a 310-helical structure of peptide foldamer composed of diverse alpha-ethylated alpha, alpha-disubstituted alpha-amino acids. <i>Chemistry - A European Journal</i> , 2003 , 9, 3082-90	4.8	35
149	A preorganized β amino acid bearing a guanidinium side chain and its use in cell-penetrating peptides. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 5617-20	3.9	34
148	Asymmetric tosylation of racemic 2-hydroxyalkanamides with chiral copper catalyst. <i>Tetrahedron Letters</i> , 2007 , 48, 9080-9084	2	34
147	Asymmetric electrochemical oxidation of 1,2-diols, aminoalcohols, and β aminoaldehydes in the presence of chiral copper catalyst. <i>Tetrahedron</i> , 2008 , 64, 6675-6683	2.4	33
146	Development of Small Molecule Chimeras That Recruit AhR E3 Ligase to Target Proteins. <i>ACS Chemical Biology</i> , 2019 , 14, 2822-2832	4.9	32
145	Asymmetric desymmetrization of meso-vic-diols by carbamoylation catalyzed with a chiral Cu(II) complex. <i>Tetrahedron Letters</i> , 2006 , 47, 8453-8456	2	32
144	High regioselectivity in electrochemical β methoxylation of N-protected cyclic amines. <i>Tetrahedron</i> , 2008 , 64, 3935-3942	2.4	30
143	Synthesis and Resolution of Substituted [5]Carbohelicenes. <i>Journal of Organic Chemistry</i> , 2015 , 80, 6502-6512	7.8	26
142	Screw-sense control of helical oligopeptides containing equal amounts of L- and D-amino acids. <i>Chemistry - A European Journal</i> , 2011 , 17, 11107-9	4.8	26
141	Helical-screw directions of diastereoisomeric cyclic alpha-amino acid oligomers. <i>Organic Letters</i> , 2009 , 11, 1135-7	6.2	26
140	Conformations of peptides containing a chiral cyclic β disubstituted β amino acid within the sequence of Aib residues. <i>Journal of Peptide Science</i> , 2010 , 16, 621-6	2.1	26
139	Development of cell-penetrating R7 fragment-conjugated helical peptides as inhibitors of estrogen receptor-mediated transcription. <i>Bioconjugate Chemistry</i> , 2014 , 25, 1921-4	6.3	25

138	NAD-dependent isocitrate dehydrogenase as a novel target of tributyltin in human embryonic carcinoma cells. <i>Scientific Reports</i> , 2014 , 4, 5952	4.9	24
137	Design of a stabilized short helical peptide and its application to catalytic enantioselective epoxidation of (E)-chalcone. <i>Tetrahedron Letters</i> , 2011 , 52, 798-801	2	24
136	Diastereoselective arylation of l-proline derivatives at the 5-position. <i>Tetrahedron</i> , 2008 , 64, 7498-7503	2.4	24
135	Identification of embryonic precursor cells that differentiate into thymic epithelial cells expressing autoimmune regulator. <i>Journal of Experimental Medicine</i> , 2016 , 213, 1441-58	16.6	23
134	EPNA: peptide nucleic acid (PNA) with a chiral center at the Eposition of the PNA backbone. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 7317-20	2.9	22
133	Design and synthesis of tamoxifen derivatives as a selective estrogen receptor down-regulator. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 87-9	2.9	21
132	Synthesis and anti-HIV-1 and anti-HCMV activity of 1-substituted 3-(3,5-dimethylbenzyl)uracil derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 2006 , 54, 325-33	1.9	21
131	Kinetic resolution of vic-amino alcohols catalyzed by a chiral Cu(II) complex. <i>Tetrahedron Letters</i> , 2006 , 47, 8073-8077	2	21
130	Plasmid DNA delivery using fluorescein-labeled arginine-rich peptides. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 4911-4918	3.4	20
129	Development of a Small Hybrid Molecule That Mediates Degradation of His-Tag Fused Proteins. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 576-582	8.3	20
128	Synthesis and evaluation of tamoxifen derivatives with a long alkyl side chain as selective estrogen receptor down-regulators. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 3091-6	3.4	20
127	Convenient synthesis of an enantiomerically pure bicyclic proline and its N-oxyl derivatives. <i>Tetrahedron: Asymmetry</i> , 2008 , 19, 2659-2665		20
126	Development of a peptide-based inducer of nuclear receptors degradation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 2655-8	2.9	20
125	Development of stapled short helical peptides capable of inhibiting vitamin D receptor (VDR)-coactivator interactions. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 4292-6	2.9	19
124	Oligopeptides with equal amounts of L- and D-amino acids may prefer a helix screw sense. <i>Journal of Organic Chemistry</i> , 2013 , 78, 12106-13	4.2	19
123	Molecular Design, Synthesis, and Evaluation of SNIPER(ER) That Induces Proteasomal Degradation of ER. <i>Methods in Molecular Biology</i> , 2016 , 1366, 549-560	1.4	19
122	Structural development of stapled short helical peptides as vitamin D receptor (VDR)-coactivator interaction inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 1055-61	3.4	18
121	Design, synthesis and X-ray crystallographic study of new nonsteroidal vitamin D receptor ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 6104-7	2.9	18

120	Development of helix-stabilized cell-penetrating peptides containing cationic β -disubstituted amino acids as helical promoters. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 1846-1851	3.4	17
119	Development of a peptide-based inducer of protein degradation targeting NOTCH1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 4985-4988	2.9	17
118	Structural development of stabilized helical peptides as inhibitors of estrogen receptor (ER)-mediated transcription. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 4132-4138	3.4	17
117	Helical peptide-foldamers having a chiral five-membered ring amino acid with two azido functional groups. <i>Journal of Organic Chemistry</i> , 2014 , 79, 9125-40	4.2	17
116	Conformations of helical Aib peptides containing a pair of L-amino acid and D-amino acid. <i>Journal of Peptide Science</i> , 2012 , 18, 466-75	2.1	17
115	Three-dimensional structural control of diastereomeric Leu-Leu-Aib-Leu-Leu-Aib sequences in the solid state. <i>Journal of Organic Chemistry</i> , 2010 , 75, 5234-9	4.2	17
114	Helical Structures of Bicyclic β -Amino Acid Homochiral Oligomers with the Stereogenic Centers at the Side-Chain Fused-Ring Junctions. <i>Helvetica Chimica Acta</i> , 2012 , 95, 1694-1713	2	16
113	Rapid and efficient high-performance liquid chromatography analysis of N-nitrosodimethylamine impurity in valsartan drug substance and its products. <i>Scientific Reports</i> , 2019 , 9, 11852	4.9	15
112	Solid-state conformation of diastereomeric -Pro-Pro-(Aib) ₄ sequences. <i>Tetrahedron</i> , 2010 , 66, 2293-2296.	2.4	15
111	Topological Study of the Structures of Heterochiral Peptides Containing Equal Amounts of l-Leu and d-Leu. <i>Journal of Organic Chemistry</i> , 2015 , 80, 8597-603	4.2	14
110	Synthesis and evaluation of novel 3-(3,5-dimethylbenzyl)uracil analogs as potential anti-HIV-1 agents. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 5900-6	3.4	14
109	Controlling the helical screw sense of peptides with C-terminal L-valine. <i>Journal of Peptide Science</i> , 2010 , 16, 153-8	2.1	14
108	Efficient Kinetic Resolution of Racemic Amino Aldehydes by Oxidation with N-Iodosuccinimide. <i>Angewandte Chemie</i> , 2008 , 120, 9600-9603	3.6	14
107	Synthesis of a bis-cationic β -disubstituted amino acid (9-amino-bispidine-9-carboxylic acid) and its effects on the conformational properties of peptides. <i>Tetrahedron</i> , 2015 , 71, 2241-2245	2.4	12
106	Regioselective Introduction of Electrophiles into Piperidine Derivatives at the 4-Position. <i>Heterocycles</i> , 2008 , 76, 177	0.8	12
105	Rational design of novel amphipathic antimicrobial peptides focused on the distribution of cationic amino acid residues. <i>MedChemComm</i> , 2019 , 10, 896-900	5	11
104	Development of helix-stabilized antimicrobial peptides composed of lysine and hydrophobic β -disubstituted β -amino acid residues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 3950-3953	2.9	11
103	Lipase-catalyzed kinetic resolution of cyclic trans-1,2-diols bearing a diester moiety: synthetic application to chiral seven-membered-ring α,α -disubstituted α -amino acid. <i>Journal of Organic Chemistry</i> , 2007 , 72, 7750-6	4.2	11

102	Oxidative C–C bond cleavage of N-alkoxycarbonylated cyclic amines by sodium nitrite in trifluoroacetic acid. <i>Tetrahedron Letters</i> , 2008 , 49, 6728-6731	2	11
101	Electrochemical Oxidation of L-Prolinol Derivative Protected with 1-Alkoxy-2,2,2-trifluoroethyl Group. <i>Electrochemistry</i> , 2006 , 74, 645-648	1.2	11
100	TRIP12 promotes small-molecule-induced degradation through K29/K48-branched ubiquitin chains. <i>Molecular Cell</i> , 2021 , 81, 1411-1424.e7	17.6	11
99	Design and synthesis of novel selective estrogen receptor degradation inducers based on the diphenylheptane skeleton. <i>MedChemComm</i> , 2017 , 8, 239-246	5	10
98	Development of 2-aminoisobutyric acid (Aib)-rich cell-penetrating foldamers for efficient siRNA delivery. <i>Chemical Communications</i> , 2019 , 55, 7792-7795	5.8	10
97	Isoheleproline: a new amino acid-sesquiterpene adduct from <i>Inula helenium</i> . <i>Journal of Natural Medicines</i> , 2014 , 68, 432-5	3.3	10
96	Diastereomeric Right- and Left-Handed Helical Structures with Fourteen (R)-Chiral Centers. <i>Chemistry - A European Journal</i> , 2017 , 23, 18120-18124	4.8	10
95	Helical Oligomers with a Changeable Chiral Acetal Moiety. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 7679-7682	3.2	10
94	Identification of mutaprodenafil in a dietary supplement and its subsequent synthesis. <i>Chemical and Pharmaceutical Bulletin</i> , 2011 , 59, 1314-6	1.9	10
93	Nonenzymatic kinetic resolution of racemic β -hydroxyalkanephosphonates with chiral copper catalyst. <i>Tetrahedron Letters</i> , 2009 , 50, 5241-5244	2	10
92	Facile synthesis of optically active oxindoles by copper-catalyzed asymmetric monotosylation of prochiral 1,3-diols. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 1370-1373		10
91	Synthesis of chiral five-membered carbocyclic ring amino acids with an acetal moiety and helical conformations of its homo-chiral homopeptides. <i>Biopolymers</i> , 2016 , 106, 555-62	2.2	10
90	Synthesis and evaluation of raloxifene derivatives as a selective estrogen receptor down-regulator. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 2914-2919	3.4	10
89	Development of Antimicrobial Stapled Peptides Based on Magainin 2 Sequence. <i>Molecules</i> , 2021 , 26,	4.8	10
88	Analysis of an Impurity, N-Nitrosodimethylamine, in Valsartan Drug Substances and Associated Products Using GC-MS. <i>Biological and Pharmaceutical Bulletin</i> , 2019 , 42, 547-551	2.3	9
87	Deubiquitylase USP25 prevents degradation of BCR-ABL protein and ensures proliferation of Ph-positive leukemia cells. <i>Oncogene</i> , 2020 , 39, 3867-3878	9.2	9
86	Helical Structures of Oligopeptides with an Alternating L-Leu-Aib Segment. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 2815-2820	3.2	9
85	Effect of one D-Leu residue on right-handed helical -L-Leu-Aib- peptides in the crystal state. <i>Journal of Peptide Science</i> , 2011 , 17, 420-6	2.1	9

84	Chiral Centers in the Side Chains of β -Amino Acids Control the Helical Screw Sense of Peptides. <i>Angewandte Chemie</i> , 2004 , 116, 5474-5477	3.6	9
83	Temperature-Dependent Formation of N-Nitrosodimethylamine during the Storage of Ranitidine Reagent Powders and Tablets. <i>Chemical and Pharmaceutical Bulletin</i> , 2020 , 68, 1008-1012	1.9	9
82	Selective Degradation of Target Proteins by Chimeric Small-Molecular Drugs, PROTACs and SNIPERs. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	8
81	Monoallylation of 1,2-diols by Pd/Sn bimetallic catalysis. <i>Chemistry - A European Journal</i> , 2012 , 18, 2477-2488	4.0	8
80	Preorganized Cyclic β -Disubstituted β -Amino Acids Bearing Functionalized Side Chains That Act as Peptide-Helix Inducers. <i>Journal of Organic Chemistry</i> , 2017 , 82, 10722-10726	4.2	8
79	Peptide foldamers composed of six-membered ring β -disubstituted β -amino acids with two changeable chiral acetal moieties. <i>Tetrahedron</i> , 2015 , 71, 3909-3914	2.4	8
78	Selective Molecular Transformation of 1, 2-Diols Based on Molecular Recognition. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2007 , 65, 216-225	0.2	8
77	Reaction of O6-methylguanosine with nitrite in the presence of carboxylic acid: synthesis of the purin-2-yl carboxylate. <i>Tetrahedron Letters</i> , 2005 , 46, 8225-8228	2	8
76	Amino equatorial effect of a six-membered ring amino acid on its peptide 310- and β -helices. <i>Tetrahedron</i> , 2015 , 71, 2409-2420	2.4	7
75	Conformational studies on peptides having chiral five-membered ring amino acid with two azido or triazole functional groups within the sequence of Aib residues. <i>Tetrahedron</i> , 2014 , 70, 8900-8907	2.4	7
74	Synthesis and Evaluation of Novel Carbocyclic Oxetanocin A (COA-Cl) Derivatives as Potential Tube Formation Agents. <i>Chemical and Pharmaceutical Bulletin</i> , 2015 , 63, 701-9	1.9	7
73	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. <i>Antiviral Chemistry and Chemotherapy</i> , 2015 , 24, 3-18	3.5	7
72	Twisted structure of a cyclic hexapeptide containing a combination of alternating L-Leu-D-Leu-Aib segments. <i>Journal of Organic Chemistry</i> , 2012 , 77, 9361-5	4.2	7
71	Rational Design of Helix-Stabilized Antimicrobial Peptide Foldamers Containing β -Disubstituted Amino Acids or Side-Chain Stapling. <i>ChemPlusChem</i> , 2020 , 85, 2731-2736	2.8	7
70	Development of a Hematopoietic Prostaglandin D Synthase-Degradation Inducer. <i>ACS Medicinal Chemistry Letters</i> , 2021 , 12, 236-241	4.3	7
69	Efficient synthesis of a multi-substituted diphenylmethane skeleton as a steroid mimetic. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 2590-2593	2.9	6
68	De Novo Design of Cell-Penetrating Foldamers. <i>Chemical Record</i> , 2020 , 20, 912-921	6.6	6
67	Structural Development of Cell-Penetrating Peptides Containing Cationic Proline Derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 2018 , 66, 575-580	1.9	6

66	Palladium-Catalyzed Synthesis of Deuterated Alkenes through Deuterodechlorination of Alkenyl Chlorides. <i>Organic Process Research and Development</i> , 2019 , 23, 1552-1557	3.9	6
65	Development of Amphipathic Antimicrobial Peptide Foldamers Based on Magainin 2 Sequence. <i>ChemMedChem</i> , 2019 , 14, 1911-1916	3.7	6
64	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. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 4478-4481	2.9	6
63	PNA monomers fully compatible with standard Fmoc-based solid-phase synthesis of pseudocomplementary PNA. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 3337-3341	2.9	6
62	Facile Synthesis of Stereoisomers of the Non-Secosteroidal Ligand LG190178 and their Evaluation Using the Mutant Vitamin D Receptor. <i>Letters in Organic Chemistry</i> , 2011 , 8, 43-47	0.6	6
61	Facile Synthesis of β -exo-Methylene Ketones from β -Disubstituted Allyl Alcohols by Electrochemical Oxidative Migration. <i>ChemElectroChem</i> , 2019 , 6, 4169-4172	4.3	5
60	Design and synthesis of peptide-based chimeric molecules to induce degradation of the estrogen and androgen receptors. <i>Bioorganic and Medicinal Chemistry</i> , 2020 , 28, 115595	3.4	5
59	Extent of Helical Induction Caused by Introducing β -Aminoisobutyric Acid into an Oligovaline Sequence. <i>ACS Omega</i> , 2018 , 3, 6395-6399	3.9	5
58	Helical foldamer containing a combination of cyclopentane-1,2-diamine and 2,2-dimethylmalonic acid. <i>Journal of Organic Chemistry</i> , 2013 , 78, 9991-4	4.2	5
57	Low pH-triggering changes in peptide secondary structures. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 6302-6305	3.9	5
56	Design, synthesis, and anti-HIV-1 activity of 1-substituted 3-(3,5-dimethylbenzyl)triazine derivatives. <i>Antiviral Chemistry and Chemotherapy</i> , 2015 , 24, 62-71	3.5	5
55	Discovery of a Highly Potent and Selective Degradator Targeting Hematopoietic Prostaglandin D Synthase via In Silico Design. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 15868-15882	8.3	5
54	Helical Antimicrobial Peptide Foldamers Containing Non-proteinogenic Amino Acids. <i>ChemMedChem</i> , 2021 , 16, 1226-1233	3.7	5
53	Left-Handed Helix of Three-Membered Ring Amino Acid Homopeptide Interrupted by an N-H \cdots O-Type Hydrogen Bond. <i>Organic Letters</i> , 2018 , 20, 7830-7834	6.2	5
52	Development of Chimeric Molecules That Degrade the Estrogen Receptor Using Decoy Oligonucleotide Ligands. <i>ACS Medicinal Chemistry Letters</i> , 2022 , 13, 134-139	4.3	5
51	Design and synthesis of estrogen receptor ligands with a 4-heterocycle-4-phenylheptane skeleton. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 1638-1642	3.4	4
50	Helical structures of homo-chiral isotope-labeled β -aminoisobutyric acid peptides. <i>Tetrahedron</i> , 2016 , 72, 5864-5871	2.4	4
49	Inhibition of β -amyloid-induced neurotoxicity by planar analogues of procyanidin B3. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 2659-2663	2.9	4

48	Rational Design and Synthesis of Post-Functionalizable Peptide Foldamers as Helical Templates. <i>Bioconjugate Chemistry</i> , 2017 , 28, 3029-3035	6.3	4
47	Helical D-Leu-Based Peptides Having Chiral Five-Membered Carbocyclic Ring Amino Acids with an Ethylene Acetal Moiety. <i>ChemistrySelect</i> , 2017 , 2, 8108-8114	1.8	4
46	Nonenzymatic Kinetic Resolution of 3-Hydroxyalkanamides with Chiral Copper Catalyst. <i>Synlett</i> , 2008 , 2008, 433-437	2.2	4
45	Antiviral activity of 3-(3,5-dimethylbenzyl)uracil derivatives against HIV-1 and HCMV. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007 , 26, 1553-8	1.4	4
44	Synthesis of 6-arylthio analogs of 2 β ,3 β -dideoxy-3 β -fluoroguanosine and their effect against hepatitis B virus replication. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2006 , 25, 655-65	1.4	4
43	Development of Agonist-Based PROTACs Targeting Liver X Receptor. <i>Frontiers in Chemistry</i> , 2021 , 9, 674967	5	4
42	Handedness Preferences of Heterochiral Helical Peptides Containing Homochiral Peptide Segments. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 840-846	3.2	4
41	Development of an ON/OFF switchable fluorescent probe targeting His tag fused proteins in living cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 3417-3422	2.9	3
40	Development of Photoswitchable Estrogen Receptor Ligands. <i>Chemical and Pharmaceutical Bulletin</i> , 2020 , 68, 398-402	1.9	3
39	Copper-Catalyzed Enantioselective Synthesis of Oxazolines from Aminotriols via Asymmetric Desymmetrization. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 840-844	4.5	3
38	Effects of D-Leu residues on the helical secondary structures of L-Leu-based nonapeptides. <i>Chemical and Pharmaceutical Bulletin</i> , 2015 , 63, 218-24	1.9	3
37	Solid-Phase Nucleophilic Fluorination. <i>Synthetic Communications</i> , 2012 , 42, 1724-1730	1.7	3
36	Ring Contraction of β -Unsaturated Cyclic Amines with cis-Dihydroxylation at the β -Position. <i>Heterocycles</i> , 2009 , 77, 311	0.8	3
35	Asymmetric ring cleavage reaction with a combination of optically active cycloalkane-1,2-diol and Lewis acid: application to formal synthesis of (1 β)-alloyohimbane and approach to construction of adjacent chiral quaternary centers. <i>Tetrahedron</i> , 2004 , 60, 2271-2281	2.4	3
34	Synthesis of Chiral β -Trifluoromethyl β -Disubstituted β -Amino Acids and Conformational Analysis of L-Leu-Based Peptides with (R)- or (S)- β -Trifluoromethylalanine. <i>ChemistrySelect</i> , 2020 , 5, 10882-10886	1.8	3
33	Structure-activity relationship study of amphipathic antimicrobial peptides using helix-destabilizing sarcosine. <i>Journal of Peptide Science</i> , 2021 , 27, e3360	2.1	3
32	Effects of alkyl side chains and terminal hydrophilicity on vitamin D receptor (VDR) agonistic activity based on the diphenylpentane skeleton. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 5362-6	2.9	2
31	Facile Synthesis of Kwakhurin, a Marker Compound of Pueraria mirifica and Its Quantitative NMR Analysis for Standardization as a Reagent. <i>Chemical and Pharmaceutical Bulletin</i> , 2020 , 68, 797-801	1.9	2

30	Design, Synthesis, and Biological Activity of Conformationally Restricted Analogues of Silibinin. <i>ACS Omega</i> , 2020 , 5, 23164-23174	3.9	2
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21	Miroestrol Quantification in Pueraria mirifica Crude Drugs and Products by Single-Reference UPLC/PDA/MS Using Relative Molar Sensitivities to Kwakhurin. <i>Chemical and Pharmaceutical Bulletin</i> , 2021 , 69, 573-580	1.9	1
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9	Design and Synthesis of 4-(2-Pyrrolyl)-4-phenylheptane Derivatives as Estrogen Receptor Antagonists. <i>Heterocycles</i> , 2020 , 101, 429	0.8
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