

CITATION REPORT

List of articles citing

An evaluation of peptide-bond isosteres

DOI: 10.1002/cbic.201100272
ChemBioChem, 2011, 12, 1801-7.

Source: <https://exaly.com/paper-pdf/51529086/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
184	ChemInform Abstract: An Evaluation of Peptide-Bond Isosteres. 2011 , 42, no-no		
183	Native chemical ligation of thioamide-containing peptides: development and application to the synthesis of labeled Eynuclein for misfolding studies. <i>Journal of the American Chemical Society</i> , 2012 , 134, 9172-82	16.4	75
182	Studying the Effect of Site-Specific Hydrophobicity and Polarization on Hydrogen Bond Energy of Protein Using a Polarizable Method. 2012 , 8, 2157-64		19
181	The -BF-NH- link as a peptide-bond surrogate. 2012 , 116, 8863-72		3
180	Stereoselective hydrofluorination of ynamides: a straightforward synthesis of novel Ffluoroenamides. <i>Chemical Communications</i> , 2012 , 48, 5196-8	5.8	92
179	Regio- and diastereoselective nickel-catalyzed allylation of aromatic aldehydes with Hhalo-DFdifluoropropene derivatives. <i>Journal of Organic Chemistry</i> , 2012 , 77, 8696-704	4.2	8
178	Designing antimicrobial peptides: form follows function. 2011 , 11, 37-51		1190
177	An unusual conformational similarity of two peptide folds featuring sulfonamide and carboxamide on the backbone. <i>Chemical Communications</i> , 2012 , 48, 9747-9	5.8	27
176	Partial thioamide scan on the lipopeptaibiotic trichogin GA IV. Effects on folding and bioactivity. 2012 , 8, 1161-71		10
175	An easy two step synthesis of macrocyclic peptidotriazoles via a four-component reaction and copper catalyzed intramolecular azide-alkyne [3+2] click cycloaddition. 2012 , 53, 2850-2855		20
174	A PEG-based oligomer as a backbone replacement for surface-exposed loops in a protein tertiary structure. <i>ChemBioChem</i> , 2012 , 13, 1107-11	3.8	16
173	A high-resolution structure that provides insight into coiled-coil thiopeptide dynamic chemistry. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 9944-7	16.4	22
172	Application of the rule of shielding in the design of novel fluorinated structural motifs and peptidomimetics. 2013 , 152, 129-135		13
171	Thioamide quenching of fluorescent probes through photoinduced electron transfer: mechanistic studies and applications. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18651-8	16.4	61
170	A Copper-Catalyzed Multicomponent Reaction and Click Strategy For the Stereoselective Synthesis of a New Series of Oxazolone Peptidomimetics with EAcylamino Amide and EAmido Ketone Structures. 2013 , 96, 2251-2266		5
169	n-H interactions in poly(lactic acid) suggest a role in protein folding. <i>Chemical Communications</i> , 2013 , 49, 7699-701	5.8	40
168	Ester vs. amide on folding: a case study with a 2-residue synthetic peptide. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 8348-56	3.9	13

167	Labeling proteins with fluorophore/thioamide Förster resonant energy transfer pairs by combining unnatural amino acid mutagenesis and native chemical ligation. <i>Journal of the American Chemical Society</i> , 2013 , 135, 6529-40	16.4	72
166	All-Thioamidated Homo- β -Peptides: Synthesis and Conformation. 2013 , 2013, 3455-3463		12
165	Thioamides: versatile bonds to induce directional and cooperative hydrogen bonding in supramolecular polymers. <i>Chemistry - A European Journal</i> , 2013 , 19, 8642-9	4.8	34
164	Ready synthetic access to enantiopure allylic (β)-branched fluoroalkenes. <i>Organic Letters</i> , 2013 , 15, 2450-3	6.2	16
163	n- π interactions of amides and thioamides: implications for protein stability. <i>Journal of the American Chemical Society</i> , 2013 , 135, 7843-6	16.4	142
162	Preparation and evaluation at the delta opioid receptor of a series of linear leu-enkephalin analogues obtained by systematic replacement of the amides. 2013 , 4, 1204-16		17
161	Insights into the mechanism of peptide cyclodehydrations achieved through the chemoenzymatic generation of amide derivatives. <i>Journal of the American Chemical Society</i> , 2013 , 135, 8692-701	16.4	45
160	Probing the role of backbone hydrogen bonds in protein-peptide interactions by amide-to-ester mutations. <i>Journal of the American Chemical Society</i> , 2013 , 135, 12998-3007	16.4	43
159	Kinetic isotope effects support the twisted amide mechanism of Pin1 peptidyl-prolyl isomerase. 2013 , 52, 7707-13		19
158	New potential antitumor pyrazole derivatives: synthesis and cytotoxic evaluation. 2013 , 14, 21805-18		53
157	Efficient, Traceless Semi-Synthesis of β -Synuclein Labeled with a Fluorophore/Thioamide FRET Pair. 2013 , 24, 2454-2458		15
156	3-Hydroxyazetidione carboxylic acids: non-proteinogenic amino acids for medicinal chemists. 2013 , 8, 658-66		21
155	Facile and Rapid Green Route for the Synthesis of Privileged Peptidotriazoles Based on Oxazolonic Acids by Click Fragment Assembly. 2013 , 86, 1287-1294		1
154	Pyramidalization of a carbonyl C atom in (2S)-N-(seleno-acetyl)proline methyl ester. 2013 , 69, 0805-6		9
153	A High-Resolution Structure that Provides Insight into Coiled-Coil Thiodepsipeptide Dynamic Chemistry. <i>Angewandte Chemie</i> , 2013 , 125, 10128-10131	3.6	6
152	Peptide conjugation via CuAAC 'click' chemistry. <i>Molecules</i> , 2013 , 18, 13148-74	4.8	75
151	Synthesis of thioester peptides for the incorporation of thioamides into proteins by native chemical ligation. <i>Journal of Peptide Science</i> , 2014 , 20, 87-91	2.1	17
150	Rh-catalyzed allylic C-F bond activation: the stereoselective synthesis of trisubstituted monofluoroalkenes and a mechanism study. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 581-8	3.9	16

149	Probing the folding induction ability of ortho-anilic acid in peptides: some observations. 2014 , 4, 13018		0
148	Conformational modulation of peptide secondary structures using β -aminobenzenesulfonic acid. <i>Chemical Communications</i> , 2014 , 50, 2886-8	5.8	11
147	Controlled thioamide vs. amide formation in the thioacid-azide reaction under acidic aqueous conditions. <i>Chemical Communications</i> , 2014 , 50, 4603-6	5.8	16
146	Peptidomimetic organocatalysts: efficient Michael addition of ketones onto nitroolefins with very low catalyst loading. 2014 , 4, 30325-30331		21
145	E-Selective HornerWadsworthEmmons reaction of 2-OBO-cyclopentanone for the synthesis of rac-N-Cbz-Gly-[(E)-CFC]-Pro-OH dipeptide isostere. 2014 , 55, 4480-4483		7
144	Isomannide-based peptidomimetics as inhibitors for human tissue kallikreins 5 and 7. <i>ACS Medicinal Chemistry Letters</i> , 2014 , 5, 128-32	4.3	26
143	Synthetic Approaches towards Peptidomimetic Design. 2014 , 19-36		2
142	Peptidomimetic Bioisosteres. 2014 , 37-73		
141	Beckmann Rearrangements and Fragmentations in Organic Synthesis. 2015 , 111-150		5
140	Thioamides in the collagen triple helix. <i>Chemical Communications</i> , 2015 , 51, 9624-7	5.8	52
139	Isosteric substitutions of urea to thiourea and selenourea in aliphatic oligourea foldamers: site-specific perturbation of the helix geometry. <i>Chemistry - A European Journal</i> , 2015 , 21, 2870-80	4.8	23
138	Chemo- and stereoselective synthesis of fluorinated enamides from ynamides in HF/pyridine: second-generation approach to potent ureas bioisosteres. <i>Journal of Organic Chemistry</i> , 2015 , 80, 3397-410	4.2	45
137	E- or Z-Selective synthesis of 4-fluorovinyl-1,2,3-triazoles with fluorinated second-generation Julia-Kocienski reagents. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 1536-49	3.9	9
136	Efficient Site-Specific Incorporation of Thioamides into Peptides on a Solid Support. <i>Organic Letters</i> , 2015 , 17, 3150-3	6.2	38
135	Synthesis of monofluoroalkenes through selective hydrodefluorination of gem-difluoroalkenes with Red-Al. 2015 , 5, 34498-34501		28
134	Design, synthesis and evaluation of new GEQ derivatives as inhibitors of InhA enzyme and Mycobacterium tuberculosis growth. 2015 , 101, 218-35		30
133	Semi-synthesis of thioamide containing proteins. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 5074-81	3.9	30
132	An efficient click-multicomponent strategy for the diversity oriented synthesis of 15-18 membered macrocyclic peptidomimetic fluorophores. 2015 , 56, 2451-2455		6

131	Conformational promiscuity in triazolamers derived from quaternary amino acids mimics peptide behaviour. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 10797-801	3.9	5
130	Solid-Phase Synthesis of Hybrid Urea Oligomers Containing Conservative Thiourea Mutations. 2016 , 2016, 2131-2138		5
129	Electronic interactions of $i, i + 1$ dithioamides: increased fluorescence quenching and evidence for n-to- π interactions. <i>Chemical Communications</i> , 2016 , 52, 7798-801	5.8	21
128	Design, synthesis and anticancer activity of some novel thioureido-benzenesulfonamides incorporated biologically active moieties. 2016 , 10, 19		13
127	Synthesis of Constrained Peptidomimetics via the Pictet-Spengler Reaction. 2016 , 81-103		
126	Individual Ion Binding Sites in the K(+) Channel Play Distinct Roles in C-type Inactivation and in Recovery from Inactivation. 2016 , 24, 750-761		31
125	Synthesis of large Stokes shift and narrow emission indole-triazole-carboxamide peptidomimetics via MCR-click strategy. 2016 , 57, 2360-2366		3
124	Endothiopeptides: A conformational overview. 2016 , 106, 697-713		3
123	Thionation of di and tripeptides employing thiourea as a sulphur transfer reagent. 2016 , 6, 98141-98146		8
122	A Facile Synthesis of 1,5-Disubstituted Tetrazole Peptidomimetics by Desulfurization/Electrocyclization of Thiopeptides. 2016 , 5, 127-137		4
121	Pyrolysis of azetidinones. Part 2. Kinetics and mechanism of thermolysis of β -lactams and β -thiolactams. 2016 , 94, 788-793		1
120	Substrate Fragmentation for the Design of M. tuberculosis CYP121 Inhibitors. 2016 , 11, 1924-35		13
119	Thioxylated cyclosporin A for studying protein-drug interactions. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 5754-5756	2.9	1
118	Suppressing the epimerization of endothioamide peptides during Fmoc/t-Bu-based solid phase peptide synthesis. <i>Journal of Peptide Science</i> , 2016 , 22, 664-672	2.1	11
117	Multinuclear NMR analysis of the antitubercular drug ethionamide. 2016 , 1105, 286-292		0
116	Biosynthesis of the Carbonylmethylene Structure Found in the Ketomemycin Class of Pseudotripeptides. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2026-2029	16.4	9
115	Biosynthesis of the Carbonylmethylene Structure Found in the Ketomemycin Class of Pseudotripeptides. <i>Angewandte Chemie</i> , 2017 , 129, 2058-2061	3.6	2
114	Copper-catalyzed ligand free ring-opening amination of gem-fluorohalocyclopropanes: An efficient route toward 2-fluoroallylamines. 2017 , 194, 58-72		8

113	Linear and Cyclic Depsipeptidomimetics with β -Lactam Cores: A Class of New α -Integrin Receptor Inhibitors. <i>ChemBioChem</i> , 2017 , 18, 654-665	3.8	2
112	Prolyl 4-Hydroxylase: Substrate Isosteres in Which an (E)- or (Z)-Alkene Replaces the Prolyl Peptide Bond. 2017 , 56, 219-227		12
111	Oxetanyl Amino Acids for Peptidomimetics. <i>Organic Letters</i> , 2017 , 19, 2510-2513	6.2	23
110	Effects of isosteric substitutions on the conformational preference and cis/trans isomerization of proline-containing peptides. 2017 , 41, 6593-6606		1
109	Synthesis of Fluorinated Nitrogen-Containing Compounds Through Superelectrophilic Activation in Superacid HF/SbF ₅ **This work is dedicated to Pr Jean-Claude Jacquesy with great consideration.. 2017 , 349-388		1
108	Thioamide Labeling of Proteins through a Combination of Semisynthetic Methods. 2017 , 355-390		2
107	Stereoselective One-Pot Sequential Dehydrochlorination/trans-Hydrofluorination Reaction of β -Chloro- α -Unsaturated Aldehydes or Ketones: Facile Access to (Z)- β -Fluoro- α -Arylenals/ β -Fluoro- α -Arylenones. 2017 , 359, 4348-4358		14
106	Backbone-Fluorinated 1,2,3-Triazole-Containing Dipeptide Surrogates. <i>Journal of Organic Chemistry</i> , 2017 , 82, 11613-11619	4.2	8
105	The n- π Interaction. 2017 , 50, 1838-1846		216
104	Eliminative Deoxofluorination Using XtalFluor-E: A One-Step Synthesis of Monofluoroalkenes from Cyclohexanone Derivatives. <i>Organic Letters</i> , 2017 , 19, 3604-3607	6.2	10
103	Synthesis of Gly-[(Z)CF ₂ CH]-Phe, a Fluoroalkene Dipeptide Isostere, and Its Incorporation into a Leu-enkephalin Peptidomimetic. 2017 , 8, 40-49		25
102	Recent progress in the racemic and enantioselective synthesis of monofluoroalkene-based dipeptide isosteres. 2017 , 13, 2637-2658		28
101	Amino sulfonic acids, peptidosulfonamides and other related compounds. 2018 , 74, 1355-1421		29
100	Comparative conformational analyses and molecular dynamics studies of glycylglycine methyl ester and glycylglycine N-methylamide. 2018 , 8, 4445-4453		1
99	Tyr-[(Z)CF ₂ CH]-Gly Fluorinated Peptidomimetic Improves Distribution and Metabolism Properties of Leu-Enkephalin. 2018 , 9, 1735-1742		16
98	Increasing the bioactive space of peptide macrocycles by thioamide substitution. <i>Chemical Science</i> , 2018 , 9, 2443-2451	9.4	34
97	Synthesis of β -Fluorovinylidonium Salts by the Reaction of Alkynes with Hypervalent Iodine/HF Reagents. <i>Journal of Organic Chemistry</i> , 2018 , 83, 2773-2778	4.2	17
96	Superelectrophilic activation in superacid HF/SbF ₅ : Expanding molecular diversity in nitrogen-containing compounds series by fluorination. 2018 , 214, 68-79		3

95	Thioamide substitution to probe the hydroxyproline recognition of VHL ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 2992-2995	3.4	8
94	Post-Translational Modifications of Protein Backbones: Unique Functions, Mechanisms, and Challenges. 2018 , 57, 177-185		66
93	Main-chain mutagenesis reveals intrahelical coupling in an ion channel voltage-sensor. 2018 , 9, 5055		8
92	A Synthetic Approach to the Channel Complex Structure of Antibiotic in a Membrane: Backbone ¹⁹ F-Labeled Amphotericin B for Solid-State NMR Analysis. 2018 , 76, 1197-1205		
91	Genome Editing Reveals Novel Thiotemplated Assembly of Polythioamide Antibiotics in Anaerobic Bacteria. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14080-14084	16.4	19
90	Genome Editing Reveals Novel Thiotemplated Assembly of Polythioamide Antibiotics in Anaerobic Bacteria. <i>Angewandte Chemie</i> , 2018 , 130, 14276-14280	3.6	6
89	A Cyclopropenethione-Phosphine Ligation for Rapid Biomolecule Labeling. <i>Organic Letters</i> , 2018 , 20, 5614-5617	6.2	10
88	(2-Fluoroallyl)boronates: new reagents for diastereoselective 2-fluoroallylboration of aldehydes. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 4963-4967	3.9	5
87	A Bottom-Up Approach To Preserve Thioamide Residue Stereochemistry during Fmoc Solid-Phase Peptide Synthesis. <i>Organic Letters</i> , 2019 , 21, 7015-7018	6.2	7
86	Reconstitution of Iterative Thioamidation in Closthioamide Biosynthesis Reveals Tailoring Strategy for Nonribosomal Peptide Backbones. <i>Angewandte Chemie</i> , 2019 , 131, 13148-13152	3.6	3
85	Reconstitution of Iterative Thioamidation in Closthioamide Biosynthesis Reveals Tailoring Strategy for Nonribosomal Peptide Backbones. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 13014-13018	16.4	11
84	Deprotection Strategies for Thioimidates during Fmoc Solid-Phase Peptide Synthesis: A Safe Route to Thioamides. <i>Journal of Organic Chemistry</i> , 2019 , 84, 15309-15314	4.2	3
83	Identification and Characterization of Efflux Transporters That Modulate the Subtoxic Disposition of Diclofenac and Its Metabolites. <i>Drug Metabolism and Disposition</i> , 2019 , 47, 1080-1092	4	9
82	Strategies for the Diversity-Oriented Synthesis of Macrocycles. <i>Chemical Reviews</i> , 2019 , 119, 10288-10317	68.1	64
81	Strategies to Enhance Metabolic Stabilities. <i>Methods in Molecular Biology</i> , 2019 , 2001, 17-40	1.4	3
80	Theoretical Aspects of Thioamides. 2019 , 7-44		
79	Thioamide-Containing Peptides and Proteins. 2019 , 193-238		1
78	Silver-Mediated Decarboxylative Fluorodiiodination of Alkynoic Acids: Synthesis of Regio- and Stereoselective Fluoroalkenes. <i>Organic Letters</i> , 2019 , 21, 3485-3489	6.2	8

77	Investigation of Anti-Inflammatory Potential of α -Arylcinnamamide Derivatives. <i>Molecules</i> , 2019 , 24, 4.8 2
76	Unveiling the π - π interactions in dipeptides. <i>Communications Chemistry</i> , 2019 , 2, 6.3 18
75	New evolutions in the BACE1 inhibitor field from 2014 to 2018. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 761-777 2.9 44
74	New enzymes for peptide biosynthesis in microorganisms. <i>Bioscience, Biotechnology and Biochemistry</i> , 2019 , 83, 589-597 2.1 2
73	Acetyl Coenzyme A Analogues as Rationally Designed Inhibitors of Citrate Synthase. <i>ChemBioChem</i> , 2019 , 20, 1174-1182 3.8 3
72	Monofluoroalkene-Isostere as a ^{19}F NMR Label for the Peptide Backbone: Synthesis and Evaluation in Membrane-Bound PGLa and (KIGAKI). <i>Chemistry - A European Journal</i> , 2020 , 26, 1511-1517 4.8 7
71	Synthesis of fluorinated amphoteric organoborons via iodofluorination of alkynyl and alkenyl MIDA boronates. <i>Chemical Communications</i> , 2020 , 56, 82-85 5.8 13
70	Amide Bond Bioisosteres: Strategies, Synthesis, and Successes. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 12290-12358 8.3 84
69	Preference of α -Thioamide Structure in α -Thioacyl- β -methylanilines. <i>Organic Letters</i> , 2020 , 22, 9500-9505 6.2 4
68	1,4-Disubstituted 1,2,3-Triazoles as Amide Bond Surrogates for the Stabilisation of Linear Peptides with Biological Activity. <i>Molecules</i> , 2020 , 25, 4.8 6
67	Intermolecular fluoroamination of allenes towards substituted vinyl fluorides. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 9044-9049 3.9 2
66	Single Peptide Backbone Surrogate Mutations to Regulate Angiotensin GPCR Subtype Selectivity. <i>Chemistry - A European Journal</i> , 2020 , 26, 10690-10694 4.8 3
65	Turn Mimics by Chemical Ligation. <i>Organic Letters</i> , 2020 , 22, 4424-4428 6.2 2
64	Principles and applications of small molecule peptidomimetics. 2020 , 163-195 2
63	Convenient synthesis of thioamidated peptides and proteins. <i>Journal of Peptide Science</i> , 2020 , 26, e32482.1 5
62	Bioisosteres. 2020 , 225-304
61	Development of oxetane modified building blocks for peptide synthesis. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 5400-5405 3.9 3
60	(2-Fluoroallyl)boration of Ketones with (2-Fluoroallyl)boronates. <i>Journal of Organic Chemistry</i> , 2020 , 85, 6295-6308 4.2 1

59	Mild and Chemoselective Thioacylation of Amines Enabled by the Nucleophilic Activation of Elemental Sulfur. <i>Journal of the American Chemical Society</i> , 2020 , 142, 8130-8135	16.4	19
58	Oligo-Quinolylene-Vinylene Foldamers. <i>Chemistry - A European Journal</i> , 2021 , 27, 1031-1038	4.8	1
57	Exploring the Potential of Peptides and Peptidomimetics in Biosensing. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2021 , 33-65	0.2	
56	Convergent Synthesis of Fluoroalkenes Using a Dual-Reactive Unit. <i>Journal of Organic Chemistry</i> , 2021 , 86, 1622-1632	4.2	4
55	Acetylenic Replacement of Albicidin's Methacrylamide Residue Circumvents Detrimental E/Z Photoisomerization and Preserves Antibacterial Activity. <i>Chemistry - A European Journal</i> , 2021 , 27, 9077-9086	4.8	3
54	Enantioselective, Catalytic Multicomponent Synthesis of Homoallylic Amines Enabled by Hydrogen-Bonding and Dispersive Interactions. <i>Journal of the American Chemical Society</i> , 2021 , 143, 7272-7278	16.4	6
53	Rational Design of Peptide-Based Inhibitors Disrupting Protein-Protein Interactions. <i>Frontiers in Chemistry</i> , 2021 , 9, 682675	5	9
52	Solid-Phase Synthesis of Gly-[CH(CF)NH]-Peptides. <i>Journal of Organic Chemistry</i> , 2021 , 86, 9225-9232	4.2	2
51	Controlling Intramolecular Interactions in the Design of Selective, High-Affinity Ligands for the CREBBP Bromodomain. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 10102-10123	8.3	6
50	The Total Chemical Synthesis and Biological Evaluation of the Cationic Antimicrobial Peptides, Laterocidine and Brevicidine. <i>Journal of Natural Products</i> , 2021 , 84, 2165-2174	4.9	1
49	Synthesis and biological activity of conformationally restricted indole-based inhibitors of neurotropic alphavirus replication: Generation of a three-dimensional pharmacophore. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 46, 128171	2.9	2
48	Overcoming AlbD Protease Resistance and Improving Potency: Synthesis and Bioactivity of Antibacterial Albicidin Analogues with Amide Bond Isosteres. <i>Organic Letters</i> , 2021 , 23, 7023-7027	6.2	1
47	Desolvation of Peptide Bond by O to S Substitution Impacts Protein Stability. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 24870-24874	16.4	0
46	Novel Double-Modified Colchicine Derivatives Bearing 1,2,3-Triazole: Design, Synthesis, and Biological Activity Evaluation. <i>ACS Omega</i> , 2021 , 6, 26583-26600	3.9	0
45	Desolvation of Peptide Bond by O to S Substitution Impacts Protein Stability. <i>Angewandte Chemie</i> , 2021 , 153, 1415-1420	3.6	0
44	(2-Fluoroallyl)pyridinium tetrafluoroborates: novel fluorinated electrophiles for Pd-catalyzed allylic substitution. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 4678-4684	3.9	0
43	Stereoselective synthesis of highly functionalized (α)-chloroalkene dipeptide isosteres containing an α -disubstituted amino acid. <i>Chemical Communications</i> , 2021 , 57, 6915-6918	5.8	1
42	Synthetic and structural routes for the rational conversion of peptides into small molecules. <i>Methods in Molecular Biology</i> , 2015 , 1268, 159-93	1.4	3

41	Introduction to Mid-size Drugs and Peptidomimetics. <i>SpringerBriefs in Pharmaceutical Science & Drug Development</i> , 2018 , 1-16	0	9
40	Polar crystal of vanillylformamide through replacement of the alkene by an isosteric formamide group. <i>IUCrData</i> , 2018 , 3,	0.7	1
39	2-Trifluoromethylthiazole-5-carboxamides: Analogues of a Stilbene-Based Anti-HIV Agent that Impact HIV mRNA Processing. <i>ACS Medicinal Chemistry Letters</i> , 2021 , 12, 1818-1823	4.3	0
38	Ring Size as an Independent Variable in Cyclooligomeric Depsipeptide Antiarrhythmic Activity.. <i>ACS Medicinal Chemistry Letters</i> , 2021 , 12, 1942-1947	4.3	0
37	Construction of Thioamide Peptide via Sulfur-Involved Amino Acids/Amino Aldehydes Coupling. <i>Organic Letters</i> , 2021 , 23, 8862-8866	6.2	2
36	Hydrogen Bond and Geometry Effects of Thioamide Backbone Modifications. <i>Journal of Organic Chemistry</i> , 2021 ,	4.2	4
35	Disrupting GPCR Complexes with Smart Drug-like Peptides.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	3
34	Convergent access to mono-fluoroalkene-based peptidomimetics.. <i>Organic and Biomolecular Chemistry</i> , 2022 ,	3.9	0
33	Chemoselective Transamidation of Thioamides by Transition-Metal-Free N-C(S) Transacylation.. <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	2
32	Chemoselective Transamidation of Thioamides by Transition-Metal-Free N(S) Transacylation. <i>Angewandte Chemie</i> ,	3.6	0
31	Transamidation of thioamides with nucleophilic amines: thioamide N-C(S) activation by ground-state-destabilization.. <i>Organic and Biomolecular Chemistry</i> , 2022 ,	3.9	2
30	Synthesis and Structural Characterization of Turn Mimics Containing (-)-Chloroalkene Dipeptide Isosteres.. <i>Journal of Organic Chemistry</i> , 2022 ,	4.2	0
29	Fluorinated Olefinic Lactams: The Case of Amino Acids Preparation and Mechanistic Studies. <i>Synthesis</i> ,	2.9	
28	Pharmacophore optimization of imidazole chalcones to modulate microtubule dynamics.. <i>Bioorganic Chemistry</i> , 2022 , 122, 105700	5.1	
27	Nickel-Catalyzed Reductive Allyl-Aryl Cross-Electrophile Coupling via Allylic C-F Bond Activation. <i>Chemistry - A European Journal</i> , 2021 ,	4.8	1
26	Design and synthesis of efficient fluororethylene-peptidomimetic inhibitors of dipeptidyl peptidase III (DPP3). <i>Bioorganic and Medicinal Chemistry</i> , 2022 , 116831	3.4	0
25	Selective Defluorination Induced by Photoactive Metallocomplexes. <i>Springer Handbooks</i> , 2022 , 1481-1508,		
24	Catalytic enantioselective synthesis of fluoromethylated stereocenters by asymmetric hydrogenation. <i>Chemical Science</i> ,	9.4	1

23	Structures of the Most Twisted Thioamide and Selenoamide: Effect of Higher Chalcogens of Twisted Amides on N(X) Resonance. <i>Angewandte Chemie - International Edition</i> ,	16.4	1
22	Tetrazoles: Structure and Activity Relationship as Anticancer Agents. 2022 , 205-231		
21	Structures of the Most Twisted Thioamide and Selenoamide: Effect of Higher Chalcogens of Twisted Amides on N(X) Resonance. <i>Angewandte Chemie</i> ,	3.6	
20	A new dawn beyond lysine ubiquitination. <i>Nature Chemical Biology</i> ,	11.7	1
19	A predictive journey towards trans-thioamides/amides. 2022 , 58, 9950-9953		1
18	Synthesis and Biological Importance of 2-(thio)ureabenzothiazoles. 2022 , 27, 6104		1
17	An insight on the different synthetic routes for the facile synthesis of O/S-donor carbamide/thiocarbamide analogs and their miscellaneous pharmacodynamic applications. 1-58		0
16	Helical structure in cyclic peptides: effect of N-methyl amides versus esters.		0
15	1?-Cyano Intermediate Enables Rapid and Stereoretentive Access to 1?-Modified Remdesivir Nucleosides.		0
14	Bioconjugate Platform for Iterative Backbone N-Methylation of Peptides. 14006-14014		1
13	Single Atom Ring Contraction of Peptide Macrocycles Using Cornforth Rearrangement.		0
12	Single Atom Ring Contraction of Peptide Macrocycles Using Cornforth Rearrangement.		0
11	Intermolecular noncovalent interactions with carbon in solution. 2022 , 13, 14327-14335		1
10	Evaluation of acyllysine isostere interactions with the aromatic pocket of the AF9 YEATS domain. 2023 , 32,		1
9	A General Strategy to Install Amidine Functional Groups Along the Peptide Backbone. 2022 , 144, 22397-22402		0
8	HornerWadsworthEmmons reaction as an excellent tool in the synthesis of fluoro-containing biologically important compounds.		0
7	Design, synthesis, and applications of ring-functionalized histidines in peptide-based medicinal chemistry and drug discovery.		0
6	Macromolecular chemistry: An introduction. 2023 , 71-128		0

- 5 Modulation of Mechanical Properties of Short Bioinspired Peptide Materials by Single Amino-Acid Mutations. **2023**, 145, 3382-3393 ○
- 4 Multicomponent synthesis of new 5-thiourea-4-aza-2,3 didehydropodophyllotoxins as potent cytotoxic agents. ○
- 3 Probing the n-π carbonyl-carbonyl interactions in the formaldehyde-trifluoroacetone dimer by rotational spectroscopy. **2023**, 158, 124304 ○
- 2 Automated solid-phase synthesis of metabolically stabilized triazolo-peptidomimetics. ○
- 1 Amide-to-ester substitution as a stable alternative to N-methylation for increasing membrane permeability in cyclic peptides. **2023**, 14, 1