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Chemical Models of Protein β -Sheets

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#	Paper	IF	Citations
174	Designed molecules that fold to mimic protein secondary structures. <i>Current Opinion in Chemical Biology</i> , 1999 , 3, 714-23	9.7	196
173	A Chemical Model of a Protein β -Sheet Dimer. <i>Journal of the American Chemical Society</i> , 1999 , 121, 8409-8414	8.1	52
172	Enforced helicity: efficient access to self-organized helical molecular strands by the imine route. <i>Chemistry - A European Journal</i> , 2000 , 6, 4124-31	4.8	78
171	Incorporation of conformationally constrained beta-amino acids into peptides. <i>Journal of Peptide Science</i> , 2000 , 6, 301-13	2.1	32
170	Solid phase synthesis of oligoureas using O-succinimidyl-(9H-fluoren-9-ylmethoxycarbonylamino)ethylcarbamate derivatives as activated monomers. 2000 , 41, 1553-1557		46
169	The Design, Synthesis and Conformation of Some New Hairpin Mimetics: Novel Reagents for Drug and Vaccine Discovery. 2000 , 2000, 429-441		5
168	Peptide and protein recognition by designed molecules. <i>Chemical Reviews</i> , 2000 , 100, 2479-94	68.1	498
167	An Unnatural Amino Acid that Mimics a Tripeptide β -Strand and Forms β -Sheetlike Hydrogen-Bonded Dimers. <i>Journal of the American Chemical Society</i> , 2000 , 122, 7654-7661	16.4	130
166	Stereochemical Control of Hairpin Formation in Peptides Containing Dipeptidic Acid Reverse Turn Segments. <i>Journal of the American Chemical Society</i> , 2000 , 122, 3995-4004	16.4	114
165	Control of Hairpin Formation via Proline Configuration in Parallel β -Sheet Model Systems. <i>Journal of the American Chemical Society</i> , 2000 , 122, 5443-5447	16.4	67
164	Synthesis of allophanate-derived branched glycoforms from alcohols and p-nitrophenyl carbamates. <i>Organic Letters</i> , 2000 , 2, 2113-6	6.2	5
163	Parallel sheet secondary structure in gamma-peptides. <i>Journal of the American Chemical Society</i> , 2001 , 123, 11077-8	16.4	86
162	Effect of surface charges on the rates of intermolecular electron-transfer between de novo designed metalloproteins. <i>Biochemistry</i> , 2001 , 40, 12186-92	3.2	16
161	A triply templated artificial beta-sheet. <i>Journal of the American Chemical Society</i> , 2001 , 123, 5176-80	16.4	41
160	Chirality organization of ferrocenes bearing podand dipeptide chains: synthesis and structural characterization. <i>Journal of the American Chemical Society</i> , 2001 , 123, 68-75	16.4	170
159	Quantum Chemical Study on Oxygen-17 and Nitrogen-14 Nuclear Quadrupole Coupling Parameters of Peptide Bonds in α -Helix and β -Sheet Proteins. 2001 , 105, 4546-4557		21
158	Unexpected stability of the urea cis-trans isomer in urea-containing model pseudopeptides. <i>Organic Letters</i> , 2001 , 3, 3843-6	6.2	48

157	A calix[4]arene ureidopeptide dimer self-assembled through two superposed hydrogen bond arrays. <i>Journal of the American Chemical Society</i> , 2001 , 123, 3493-8	16.4	53
156	Design of folded peptides. <i>Chemical Reviews</i> , 2001 , 101, 3131-52	68.1	582
155	A unique example of a pseudo-peptide containing noncoded amino acids self-assembling into a supramolecular β -sheet-like structure in crystals. 2001 , 8, 61-67		
154	Design and synthesis of new inhibitors of HIV-1 protease dimerization with conformationally constrained templates. 2001 , 11, 2465-8		32
153	Synthesis and characterization of polyisocyanides derived from alanine and glycine dipeptides. <i>Journal of Polymer Science Part A</i> , 2001 , 39, 4255-4264	2.5	50
152	Bioorganic chemistry ¶la baguette: studies on molecular recognition in biological systems using rigid-rod molecules. 2001 , 1, 162-72		22
151	Self-assembled helices from 2,2Rbiimidazoles. <i>Chemistry - A European Journal</i> , 2001 , 7, 721-9	4.8	54
150	Bis-(N,N?-bis[2-(2-pyridyl)methyl]pyridine-2,6-dicarboxamido)?dicopper(II): spontaneous formation of a short double stranded helicate. 2001 , 323, 1-4		18
149	A field guide to foldamers. <i>Chemical Reviews</i> , 2001 , 101, 3893-4012	68.1	2004
148	Evaluation of hydrogen bonding complementarity between a secondary sulfonamide and an alpha-amino acid residue. <i>Organic Letters</i> , 2001 , 3, 2559-62	6.2	34
147	Hydrogen bonding in noncovalent synthesis: selectivity and the directed organization of molecular strands. <i>Tetrahedron</i> , 2001 , 57, 1139-1159	2.4	143
146	Folding-driven synthesis of oligomers. 2001 , 414, 889-93		148
145	Interstrand side chain--side chain interactions in a designed beta-hairpin: significance of both lateral and diagonal pairings. <i>Journal of the American Chemical Society</i> , 2001 , 123, 8667-77	16.4	127
144	beta -Helical polymers from isocyanopeptides. 2001 , 293, 676-80		261
143	Natural strategies for the molecular engineer. 2002 , 13, R15-R28		115
142	High molecular recognition: design of "Keys". 2002 , 5, 409-27		27
141	Solid-state molecular folding and supramolecular structures of triptycene-derived secondary dicarboxamides. <i>Journal of Organic Chemistry</i> , 2002 , 67, 7343-54	4.2	31
140	A noncovalent approach to antiparallel beta-sheet formation. <i>Journal of the American Chemical Society</i> , 2002 , 124, 2903-10	16.4	95

139	Functional group diversity in dendrimers. <i>Organic Letters</i> , 2002 , 4, 3751-3	6.2	25
138	A theoretical study of beta-sheet models: is the formation of hydrogen-bond networks cooperative?. <i>Journal of the American Chemical Society</i> , 2002 , 124, 1570-1	16.4	116
137	Turn formation initiated by a bisulfloximine motif: synthesis and structural investigation. <i>Organic Letters</i> , 2002 , 4, 893-6	6.2	32
136	Modulare Bausteine für die Aminosäure-Erkennung in Peptiden. <i>Angewandte Chemie</i> , 2002 , 114, 1827-1831	3.6	5
135	Modular building blocks for amino acid recognition in peptides. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 1751-4	16.4	13
134	Theoretical study of sheets formed by beta-peptides. 2002 , 23, 1551-8		36
133	Helix recognition by rigid-rod barrel ion channels with internal arginine-histidine dyads in polarized bilayer membranes. 2002 , 2, 191-199		17
132	Fibril-forming model synthetic peptides containing 3-aminophenylacetic acid. <i>Tetrahedron</i> , 2002 , 58, 8695-8702	2.4	22
131	Three-stranded mixed artificial beta-sheets. <i>Tetrahedron</i> , 2002 , 58, 727-739	2.4	21
130	An efficient synthesis of 3(S)-aminopiperidine-5(R)-carboxylic acid as a cyclic alpha-diamino acid. 2003 , 44, 1611-1614		13
129	Simple and convenient synthesis of tertiary benzanilides using dichlorotriphenylphosphorane. <i>Tetrahedron</i> , 2003 , 59, 2325-2331	2.4	71
128	Molecular dynamics simulations of peptides containing an unnatural amino acid: dimerization, folding, and protein binding. 2004 , 54, 116-27		16
127	First practical synthesis of formamidine ureas and derivatives. <i>Organic Letters</i> , 2003 , 5, 1531-3	6.2	14
126	Molecular Biomimetics. 2004 , 879-886		
125	Prevention of Alzheimer's disease-associated Abeta aggregation by rationally designed nonpeptidic beta-sheet ligands. 2004 , 279, 47497-505		47
124	Construction of molecular probe on Au surface for detecting the tri-strand beta-sheet structure. 2004 , 24, 315-317		5
123	Stabilizing effects in oxazolidin-2-ones-containing pseudopeptides. 2004 , 15, 1645-1650		13
122	The modified alpha-phosphine imide reaction: a safe and soft alternative ureas synthesis. 2004 , 45, 5027-5029		15

121	Expected and unexpected results from combined beta-hairpin design elements. <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 2071-82	3.9	10
120	Enantiopure bicyclic piperidinones: stereoselectivity in lactam enolate alkylations. <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 1031-43	3.9	12
119	General synthesis of unsymmetrical norbornane scaffolds as inducers for hydrogen bond interactions in peptides. <i>Journal of Organic Chemistry</i> , 2004 , 69, 739-43	4.2	32
118	Modular domain structure: a biomimetic strategy for advanced polymeric materials. <i>Journal of the American Chemical Society</i> , 2004 , 126, 2058-65	16.4	120
117	Solvophobicity-driven oligo(ethylene glycol) helical foldamers. Synthesis, characterization, and complexation with ethane-1,2-diaminium. <i>Journal of Organic Chemistry</i> , 2004 , 69, 6228-37	4.2	42
116	Sequences in dendrons and dendrimers. <i>Journal of Organic Chemistry</i> , 2004 , 69, 2937-44	4.2	25
115	Molecular clips form isostructural dimeric aggregates from benzene to water. <i>Journal of the American Chemical Society</i> , 2004 , 126, 10035-43	16.4	59
114	Synthesis and single-molecule studies of a well-defined biomimetic modular multidomain polymer using a peptidomimetic beta-sheet module. <i>Journal of the American Chemical Society</i> , 2004 , 126, 14328-9	16.4	57
113	Hydrogen bond-induced rigid oligoanthranilamide ribbons that are planar and straight. <i>Organic Letters</i> , 2004 , 6, 229-32	6.2	57
112	The modified α -phosphine imide reaction: a safe and soft alternative ureas synthesis. 2004 , 45, 5027-5027		
111	PEG-supported synthesis of pyrazole oligoamides with peptide beta-sheet affinity. <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 1603-11	3.9	18
110	Beta-strand mimetics. <i>Chemical Reviews</i> , 2004 , 104, 6085-117	68.1	207
109	Metal Ion-Induced Hetero-Block β -Helical Coiled Coil. 2005 , 78, 1291-1295		2
108	Rapid and quantitative cyclization of multiple peptide loops onto synthetic scaffolds for structural mimicry of protein surfaces. 2005 , 6, 821-4		210
107	Ferrocene-Conjugates of Amino Acids, Peptides and Nucleic Acids. 2005 , 15, 83-106		92
106	Curtius Rearrangement Using Ultrasonication: Isolation of Isocyanates of Fmoc-Amino Acids and Their Utility for the Synthesis of Dipeptidyl Ureas. 2005 , 11, 131-137		4
105	Hydrogen bonding, alkyl chain crystallization and constitutional isomerism in solid-state self-assembly of dodecyloxyisophthalic acid complexes. 2005 , 7, 108		15
104	Supramolecular chelation based on folding. <i>Journal of the American Chemical Society</i> , 2005 , 127, 5928-35	16.4	58

103	Luminescent crown ether amino acids: selective binding to N-terminal lysine in peptides. <i>Journal of Organic Chemistry</i> , 2005 , 70, 670-4	4.2	72
102	Three-component synthesis of alpha,beta-cyclopropyl-gamma-amino acids. <i>Organic Letters</i> , 2005 , 7, 1137-40	4.0	39
101	Bis(amino acid) derivatives of 1,4-diamino-2-butyne that adopt a C2-symmetric turn conformation. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 4134-8	3.9	14
100	Stereoselective synthesis of conformationally constrained omega-amino acid analogues from pyroglutamic acid. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 2872-82	3.9	15
99	Preparation, isolation, and characterization of Nalpha-Fmoc-peptide isocyanates: solution synthesis of oligo-alpha-peptidyl ureas. <i>Journal of Organic Chemistry</i> , 2006 , 71, 7697-705	4.2	51
98	Protein Design. 2006 ,		
97	A programmed hydrogen bonding array self-assembles into a polymeric zipper-like architecture. 2006 , 30, 140		9
96	A minimalist approach toward protein recognition by epitope transfer from functionally evolved beta-sheet surfaces. <i>Journal of the American Chemical Society</i> , 2006 , 128, 14356-63	16.4	13
95	FerrocenePeptide Bioconjugates. 143-175		32
94	De novo design of monomeric beta-hairpin and beta-sheet peptides. <i>Methods in Molecular Biology</i> , 2006 , 340, 27-51	1.4	27
93	Cooperative Self-Assembly of Oligo(m-phenyleneethynyls) into Supramolecular Coordination Polymers. 2006 , 39, 7269-7276		52
92	Luminescent pyrimidine hydrazide oligomers with peptide affinity. 2006 , 14, 6075-84		5
91	Construction of macrocyclic structure using conformational properties of secondary and tertiary aromatic amides. 2006 , 47, 803-807		17
90	A new tool in peptide engineering: a photoswitchable stilbene-type beta-hairpin mimetic. <i>Chemistry - A European Journal</i> , 2005 , 12, 403-12	4.8	32
89	One-armed artificial receptors for the binding of polar tetrapeptides in water: probing the substrate selectivity of a combinatorial receptor library. <i>Chemistry - A European Journal</i> , 2006 , 12, 1339-48	4.8	43
88	Rational design of bioorganometallic foldamers: a potential model for parallel beta-helical peptides. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 6882-4	16.4	49
87	Sequence-Selective Peptide Recognition with Designed Modules. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 138-153	3.2	19
86	Rational Design of Bioorganometallic Foldamers: A Potential Model for Parallel Helical Peptides. <i>Angewandte Chemie</i> , 2006 , 118, 7036-7038	3.6	24

85	F ^{δ-} H ^{δ+} N and MeO ^{δ-} H ^{δ+} N Hydrogen-Bonding in the Solid States of Aromatic Amides and Hydrazides: A Comparison Study. 2007 , 7, 1490-1496			33
84	Twin-Tapered Molecules Containing Bi-dihydrazine Units: Self-Assembly through Intermolecular Quadruple Hydrogen Bonding and Liquid Crystalline Behavior. 2007 , 19, 4839-4846			52
83	Helical molecular duplex strands: multiple hydrogen-bond-mediated assembly of self-complementary oligomeric hydrazide derivatives. <i>Journal of Organic Chemistry</i> , 2007 , 72, 4936-46	4.2		52
82	An artificial beta-sheet that dimerizes through parallel beta-sheet interactions. <i>Journal of the American Chemical Society</i> , 2007 , 129, 13043-8		16.4	30
81	Macrocyclic beta-sheet peptides that mimic protein quaternary structure through intermolecular beta-sheet interactions. <i>Journal of the American Chemical Society</i> , 2007 , 129, 5558-69		16.4	67
80	Tetrahydrofuran C α -tetrasubstituted amino acids: two consecutive beta-turns in a crystalline linear tripeptide. <i>Journal of Organic Chemistry</i> , 2007 , 72, 8046-53	4.2		24
79	Synthetic molecular motors and mechanical machines. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 72-191		16.4	2241
78	Synthetische molekulare Motoren und mechanische Maschinen. <i>Angewandte Chemie</i> , 2007 , 119, 72-196	3.6		583
77	Succinimidyl Carbamate Derivatives from N-Protected α -Amino Acids and Dipeptides/Synthesis of Ureidopeptides and Oligoureia/Peptide Hybrids. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 2514-2525	2.2		26
76	Toward poly(aminophthalimide), structures of dimers and trimers. <i>Tetrahedron</i> , 2007 , 63, 6642-6653	2.4		8
75	Insights into the determinants of beta-sheet stability: ¹ H and ¹³ C NMR conformational investigation of three-stranded antiparallel beta-sheet-forming peptides. 2003 , 61, 177-88			10
74	A novel type of optically active helical polymers: Synthesis and characterization of poly(N-propargylureas). <i>Journal of Polymer Science Part A</i> , 2008 , 46, 4112-4121		2.5	60
73	Synthesis and conformational studies of pseudopeptides containing an unsymmetrical triazine scaffold. <i>Journal of Peptide Science</i> , 2008 , 14, 596-609		2.1	9
72	A family of hydrogels based on ureido-linked aminopolyol-derived amphiphiles and bolaamphiphiles: synthesis, gelation under thermal and sonochemical stimuli, and mesomorphic characterization. <i>Chemistry - A European Journal</i> , 2008 , 14, 5656-69		4.8	33
71	Folding and anion-binding properties of fluorescent oligoindole foldamers. <i>Chemistry - A European Journal</i> , 2008 , 14, 11406-14		4.8	74
70	A nonpeptidic reverse turn that promotes parallel sheet structure stabilized by C-H...O hydrogen bonds in a cyclopropane gamma-peptide. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 7099-102	16.4		45
69	A Nonpeptidic Reverse Turn that Promotes Parallel Sheet Structure Stabilized by C-H...O Hydrogen Bonds in a Cyclopropane γ -Peptide. <i>Angewandte Chemie</i> , 2008 , 120, 7207-7210		3.6	13
68	Artificial beta-sheets: chemical models of beta-sheets. <i>Current Opinion in Chemical Biology</i> , 2008 , 12, 722-9		9.7	63

67	Synthesis of α -diamino acids from α -amino acid-derived lactams by ring opening with nucleophiles. Utilization in the synthesis of peptidomimetics. <i>Tetrahedron</i> , 2008 , 64, 8659-8667	2.4	15
66	Exploring beta-sheet structure and interactions with chemical model systems. <i>Accounts of Chemical Research</i> , 2008 , 41, 1319-30	24.3	185
65	Bioinspired Supramolecular Design in Polymers for Advanced Mechanical Properties. 235-258		1
64	Expanding the registry of aromatic amide foldamers: folding, photochemistry and assembly using diaza-anthracene units. <i>Journal of Organic Chemistry</i> , 2008 , 73, 2687-94	4.2	52
63	Diacid linkers that promote parallel beta-sheet secondary structure in water. <i>Journal of the American Chemical Society</i> , 2008 , 130, 7839-41	16.4	28
62	Sequence-specific unusual (1 \rightarrow 2)-type helical turns in alpha/beta-hybrid peptides. <i>Journal of the American Chemical Society</i> , 2008 , 130, 17743-54	16.4	70
61	Peptide mimics by linear arylamides: a structural and functional diversity test. <i>Accounts of Chemical Research</i> , 2008 , 41, 1343-53	24.3	165
60	Structural, Spectroscopic, and Theoretical Study of Ferrocene Ureidopeptides. <i>Organometallics</i> , 2008 , 27, 726-735	3.8	31
59	Supramolecular substitution reactions between hydrazide-based molecular duplex strands: complexation induced nonsymmetry and dynamic behavior. <i>Journal of Organic Chemistry</i> , 2008 , 73, 6369-77	4.7	16
58	Biased helical folding of chiral oligoindole foldamers. <i>Organic Letters</i> , 2008 , 10, 5373-6	6.2	63
57	. 2008 ,		16
56	A novel preparation of pyridine-urea hybrids and elucidation of their structures. <i>Heteroatom Chemistry</i> , 2009 , 20, 362-368	1.2	0
55	Peptidomimetics A Versatile Route to Biologically Active Compounds. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 5099-5111	3.2	184
54	Stabilization of two smallest possible diastereomeric hairpins in a water soluble tetrapeptide containing non-coded α -amino isobutyric acid (Aib) and m-amino benzoic acid. <i>Journal of Molecular Structure</i> , 2009 , 928, 138-143	3.4	1
53	The urea-dipeptides show stronger H-bonding propensity to nucleate sheetlike assembly than natural sequence. <i>Tetrahedron</i> , 2009 , 65, 8269-8276	2.4	12
52	Control of chirality-organized structures of ferrocene-dipeptide bioconjugates. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 806-811	2.3	39
51	Macrocyclic design strategies for small, stable parallel beta-sheet scaffolds. <i>Journal of the American Chemical Society</i> , 2009 , 131, 7970-2	16.4	34
50	Synthesis and characterization of new ferrocene peptide conjugates. <i>Dalton Transactions</i> , 2009 , 4370-8	4.3	13

49	Conformationally constrained aromatic oligoamide foldamers with supersecondary structure motifs. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 2534-9	3.9	11
48	N-urethane-protected amino alkyl isothiocyanates: synthesis, isolation, characterization, and application to the synthesis of thioureidopeptides. <i>Journal of Organic Chemistry</i> , 2009 , 74, 5260-6	4.2	32
47	Application of carbodiimide mediated Lossen rearrangement for the synthesis of alpha-ureidopeptides and peptidyl ureas employing N-urethane alpha-amino/peptidyl hydroxamic acids. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 3520-6	3.9	28
46	ChemInform Abstract: Chemical Models of Protein β Sheets. <i>ChemInform</i> , 2010 , 30, no-no		
45	Chiral bis(amino acid)- and bis(amino alcohol)-oxalamide gelators. Gelation properties, self-assembly motifs and chirality effects. <i>Chemical Communications</i> , 2010 , 46, 522-37	5.8	97
44	Design of ferrocene-dipeptide bioorganometallic conjugates to induce chirality-organized structures. <i>Accounts of Chemical Research</i> , 2010 , 43, 1040-51	24.3	128
43	Synthesis and conformational analysis of bicyclic extended dipeptide surrogates. <i>Journal of Organic Chemistry</i> , 2010 , 75, 5113-25	4.2	9
42	NXO building blocks for backbone modification of peptides and preparation of pseudopeptides. <i>Journal of Organic Chemistry</i> , 2010 , 75, 2492-500	4.2	9
41	Update 1 of: Beta-strand mimetics. <i>Chemical Reviews</i> , 2010 , 110, PR32-69	68.1	82
40	Folding and self-assembly of aromatic and aliphatic urea oligomers: towards connecting structure and function. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 3101-17	3.9	102
39	Development of designed site-directed pseudopeptide-peptido-mimetic immunogens as novel minimal subunit-vaccine candidates for malaria. <i>Molecules</i> , 2010 , 15, 8856-89	4.8	6
38	A nonpeptidic reverse-turn scaffold stabilized by urea-based dual intramolecular hydrogen bonding. <i>Organic Letters</i> , 2011 , 13, 3486-9	6.2	10
37	Hydrogen-Bonded Oligoamide Duplexes as Programmable Molecular Recognition Units: A Systematic Approach Towards Directed Self-Assembly and Controlled Non-Covalent Synthesis. <i>Current Organic Chemistry</i> , 2011 , 15, 1250-1265	1.7	11
36	Aromatic amide foldamers: structures, properties, and functions. <i>Chemical Reviews</i> , 2012 , 112, 5271-31668.1	499	
35	Artificial supersecondary structures based on aromatic oligoamides. <i>Methods in Molecular Biology</i> , 2013 , 932, 219-34	1.4	1
34	Antioxidant activity of new aramide nanoparticles containing redox-active N-phthaloyl valine moieties in the hepatic cytochrome P450 system in male rats. <i>Molecules</i> , 2012 , 17, 8255-75	4.8	11
33	A 1,4-diphenyl-1,2,3-triazole-based β turn mimic constructed by click chemistry. <i>Journal of Organic Chemistry</i> , 2012 , 77, 4261-70	4.2	23
32	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

31	Supramolecular construction of optoelectronic biomaterials. <i>Accounts of Chemical Research</i> , 2013 , 46, 1527-37	24.3	173
30	The supramolecular chemistry of β -sheets. <i>Journal of the American Chemical Society</i> , 2013 , 135, 5477-92	16.4	125
29	Highly efficient isocyanate-free microwave-assisted synthesis of [6]-oligourea. <i>Catalysis Science and Technology</i> , 2013 , 3, 2221	5.5	19
28	Fixierung cyclischer Peptide: Mimetika von Proteinstrukturmotiven. <i>Angewandte Chemie</i> , 2014 , 126, 13234-13257	3.6	67
27	Synthesis of N-Glycosyl Conjugates through a Multicomponent Domino Process. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 2386-2397	3.2	9
26	Synthetic turn mimetics and hairpin nucleators: Quo Vadimus?. <i>Chemical Communications</i> , 2014 , 50, 13874-13884	4.84	32
25	Constraining cyclic peptides to mimic protein structure motifs. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13020-41	16.4	277
24	Small Molecule Probes That Perturb A Protein-protein Interface In Antithrombin. <i>Chemical Science</i> , 2014 , 5, 4914-4921	9.4	18
23	Antiparallel Self-Association of a β -Hybrid Peptide: More Relevance of Weak Interactions. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1753-60	4.5	1
22	Supramolecular chemistry: from aromatic foldamers to solution-phase supramolecular organic frameworks. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 2057-71	2.5	11
21	A model β -sheet interaction and thermodynamic analysis of β -strand mimetics. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 7402-7	3.9	6
20	Intramolecular hydrogen bonds involving organic fluorine in the derivatives of hydrazides: an NMR investigation substantiated by DFT based theoretical calculations. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 15226-35	3.6	14
19	Organic fluorine involved intramolecular hydrogen bonds in the derivatives of imides: NMR evidence corroborated by DFT based theoretical calculations. <i>RSC Advances</i> , 2015 , 5, 86013-86022	3.7	17
18	Artificial Molecular Machines. <i>Chemical Reviews</i> , 2015 , 115, 10081-206	68.1	1206
17	Synthesis and Structure-Activity Relationships of Substituted Urea Derivatives on Mouse Melanocortin Receptors. <i>ACS Chemical Neuroscience</i> , 2016 , 7, 196-205	5.7	3
16	Helical Folding of Meta-Connected Aromatic Oligoureas. <i>Organic Letters</i> , 2017 , 19, 2666-2669	6.2	11
15	Halogen Bonding: A Powerful Tool for Modulation of Peptide Conformation. <i>Biochemistry</i> , 2017 , 56, 3265-3272	5.3	53
14	Macrocycles for Protein-Protein Interactions. 2017 , 185-204		

13	Intramolecular Hydrogen Bonding Involving Organic Fluorine: NMR Investigations Corroborated by DFT-Based Theoretical Calculations. <i>Molecules</i> , 2017 , 22,	4.8	27
12	A Simple, Mild and Straight forward Route for the Synthesis of β -Jreidopeptidomimetics Using Cbz-Protected Amino Acid Esters. <i>ChemistrySelect</i> , 2018 , 3, 12089-12092	1.8	2
11	Application of C-Terminal 7-Azabicyclo[2.2.1]heptane to Stabilize β -Strand-like Extended Conformation of a Neighboring β -Amino Acid. <i>Journal of Organic Chemistry</i> , 2018 , 83, 13063-13079	4.2	12
10	Improved Stability and Tunable Functionalization of Parallel β -Sheets via Multicomponent N-Alkylation of the Turn Moiety. <i>Angewandte Chemie</i> , 2020 , 132, 265-269	3.6	2
9	Improved Stability and Tunable Functionalization of Parallel β -Sheets via Multicomponent N-Alkylation of the Turn Moiety. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 259-263	16.4	6
8	Preference of -Thioamide Structure in -Thioacyl--methylanilines. <i>Organic Letters</i> , 2020 , 22, 9500-9505	6.2	4
7	Hydrogen Bonding-Mediated Self-assembly of Aromatic Supramolecular Duplexes. <i>Lecture Notes in Quantum Chemistry II</i> , 2015 , 115-136	0.6	2
6	A Short-Range Interaction of the cis-trans Urea Motif in Ureapeptides. 2001 , 348-349		
5	Triply-Templated Artificial β -Sheets. 2001 , 575-576		
4	Designed Amino Acids That Induce β -Sheet Folding and β -Sheet Interactions in Peptides. 2001 , 572-574		
3	Foldamers: Nanoscale Shape Control at the Interface Between Small Molecules and High Polymers. 2007 , 699-714		
2	Parallel arrangement of peptides appended to a rigid, bimetallic, constrained ring system. <i>Peptide Science</i> ,	3	
1	Allosteric Signal-Amplification Sensing of Peptides with Cyclodextrin-Polymer Conjugates in Aqueous Media.		0