

Brice Kauffmann

List of Publications by Year in descending order

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143
papers

4,898
citations

76326

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160
docs citations

160
times ranked

4198
citing authors

#	ARTICLE	IF	CITATIONS
1	Isothermal crystallization of anhydrous milk fat in presence of free fatty acids and their esters: From nanostructure to textural properties. <i>Food Chemistry</i> , 2022, 366, 130533.	8.2	11
2	An alternate [2Å–2] grid constructed around TiO4N2 units. <i>Chemistry - A European Journal</i> , 2022, , .	3.3	1
3	Neurons with Catâ€™s Eyes: A Synthetic Strain of Î±-Synuclein Fibrils Seeding Neuronal Intranuclear Inclusions. <i>Biomolecules</i> , 2022, 12, 436.	4.0	8
4	Selective and Cooperative Photocycloadditions within Multistranded Aromatic Sheets. <i>Journal of the American Chemical Society</i> , 2022, , .	13.7	2
5	Self-assembling figure-of-eight and pseudoplectoneme aromatic oligoamide ribbons. <i>Chemical Communications</i> , 2022, 58, 5789-5792.	4.1	3
6	Racemic crystal structures of A-DNA duplexes. <i>Acta Crystallographica Section D: Structural Biology</i> , 2022, 78, 709-715.	2.3	0
7	[3]Foldarotaxane-mediated synthesis of an improbable [2]rotaxane. <i>Chemical Communications</i> , 2022, 58, 8618-8621.	4.1	7
8	Synthesis and Characterization of Vanillin-Based Îµ-Conjugated Polyazomethines and Their Oligomer Model Compounds. <i>Molecules</i> , 2022, 27, 4138.	3.8	2
9	Largeâ€™Amplitude Conformational Changes in Selfâ€™Assembled Multiâ€™Stranded Aromatic Sheets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2574-2577.	13.8	13
10	Structural and molecular basis of cross-seeding barriers in amyloids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	34
11	Umfangreiche KonformationsÃnderungen in selbstassemblierten mehrstrÃngigen aromatischen FaltblÃttern. <i>Angewandte Chemie</i> , 2021, 133, 2605-2609.	2.0	3
12	Light-mediated chiroptical switching of an achiral foldamer host in presence of a carbohydrate guest. <i>Chemical Communications</i> , 2021, 57, 93-96.	4.1	18
13	Slow kinetic evolution of nanohelices based on gemini surfactant self-assemblies with various enantiomeric excess; chiral segregation towards a racemic mixture. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3021-3028.	5.9	6
14	Partial Prion Cross-Seeding between Fungal and Mammalian Amyloid Signaling Motifs. <i>MBio</i> , 2021, 12, .	4.1	5
15	Interplay between a Foldamer Helix and a Macrocycle in a Foldarotaxane Architecture. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8380-8384.	13.8	16
16	Interplay between a Foldamer Helix and a Macrocycle in a Foldarotaxane Architecture. <i>Angewandte Chemie</i> , 2021, 133, 8461-8465.	2.0	1
17	Linear and nonlinear optical properties of a quadrupolar carbo-benzene and its benzenic parent: The carbo-merization effect. <i>Dyes and Pigments</i> , 2021, 188, 109133.	3.7	2
18	Carbo â€™mer of Barrelene: A Rigid 3Dâ€™Carbonâ€™Expanded Molecular Barrel. <i>Chemistry - A European Journal</i> , 2021, 27, 9286-9291.	3.3	2

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19	Structures of Pathological and Functional Amyloids and Prions, a Solid-State NMR Perspective. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 670513.	2.9	18
20	Bacteria associated with wood tissues of Esca-diseased grapevines: functional diversity and synergy with <i>Fomitiporia mediterranea</i> to degrade wood components. <i>Environmental Microbiology</i> , 2021, 23, 6104-6121.	3.8	19
21	New Photomagnetic Ionic Salts Based on [MoIV(CN) ₈]4 ⁻ and [WIV(CN) ₈]4 ⁻ Anions. <i>Magnetochemistry</i> , 2021, 7, 97.	2.4	8
22	Functionalized 1,8-Diazaptycenes as Monomers for Aromatic Oligoamide Foldamers. <i>ChemPlusChem</i> , 2021, 86, 1162-1166.	2.8	0
23	Sensing a binding event through charge transport variations using an aromatic oligoamide capsule. <i>Chemical Science</i> , 2021, 12, 3743-3750.	7.4	8
24	Stable pseudo[3]rotaxanes with strong positive binding cooperativity based on shape-persistent aromatic oligoamide macrocycles. <i>Chemical Communications</i> , 2021, 57, 11645-11648.	4.1	7
25	Allosteric Recognition of Homomeric and Heteromeric Pairs of Monosaccharides by a Foldamer Capsule. <i>Angewandte Chemie</i> , 2020, 132, 5846-5854.	2.0	15
26	Allosteric Recognition of Homomeric and Heteromeric Pairs of Monosaccharides by a Foldamer Capsule. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5797-5805.	13.8	43
27	Hyper-Rayleigh Scattering as a New Chiroptical Method: Uncovering the Nonlinear Optical Activity of Aromatic Oligoamide Foldamers. <i>Journal of the American Chemical Society</i> , 2020, 142, 257-263.	13.7	26
28	Structural dissection of amyloid aggregates of TDP ⁴³ and its C-terminal fragments TDP ³⁵ and TDP ¹⁶ . <i>FEBS Journal</i> , 2020, 287, 2449-2467.	4.7	33
29	Identification of NLR-associated Amyloid Signaling Motifs in Bacterial Genomes. <i>Journal of Molecular Biology</i> , 2020, 432, 6005-6027.	4.2	19
30	Aromatic foldamers as scaffolds for metal second coordination sphere design. <i>Chemical Science</i> , 2020, 11, 12178-12186.	7.4	7
31	Emergence of low-symmetry foldamers from single monomers. <i>Nature Chemistry</i> , 2020, 12, 1180-1186.	13.6	47
32	Symmetry Decrease between Self-Assembled Circular TiO ₄ N ₂ -Based Helicates. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3527-3531.	2.0	3
33	Multiturn Hollow Helices: Synthesis and Folding of Long Aromatic Oligoamides. <i>Organic Letters</i> , 2020, 22, 6938-6942.	4.6	10
34	Absolute handedness control of oligoamide double helices by chiral oxazolylaniline induction. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6643-6650.	2.8	7
35	Optically Active Perovskite CsPbBr ₃ Nanocrystals Helically Arranged on Inorganic Silica Nanohelices. <i>Nano Letters</i> , 2020, 20, 8453-8460.	9.1	68
36	Five-component, one-pot synthesis of an electroactive rotaxane comprising a bisferrocene macrocycle. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 1564-1571.	2.2	1

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37	Hybrid Sequences that Express both Aromatic Amide and α -Peptidic Folding Features. <i>ChemPlusChem</i> , 2020, 85, 1580-1586.	2.8	6
38	Mechanism of Reconstitution/Activation of the Soluble PQQ-Dependent Glucose Dehydrogenase from <i>Acinetobacter calcoaceticus</i> : A Comprehensive Study. <i>ACS Omega</i> , 2020, 5, 2015-2026.	3.5	3
39	Molecular architecture of bacterial amyloids in <i>Bacillus</i> biofilms. <i>FASEB Journal</i> , 2019, 33, 12146-12163.	0.5	40
40	Aromatic oligoamide foldamers as versatile scaffolds for induced circularly polarized luminescence at adjustable wavelengths. <i>Chemical Communications</i> , 2019, 55, 9825-9828.	4.1	19
41	Light-Controlled Conformational Switch of an Aromatic Oligoamide Foldamer. <i>Angewandte Chemie</i> , 2019, 131, 8147-8151.	2.0	8
42	Expanding the carbo-Benzene Chemical Space for Electron-Accepting Ability: Trifluorotolyl/Tertiobutyl Substitution Balance. <i>Helvetica Chimica Acta</i> , 2019, 102, e1900049.	1.6	2
43	Light-Controlled Conformational Switch of an Aromatic Oligoamide Foldamer. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8063-8067.	13.8	28
44	Carbo-biphenyls and Carbo-terphenyls: Oligo(phenylene ethynylene) Ring Mers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5640-5644.	13.8	7
45	Understanding the conformational analysis of gababutin based hybrid peptides. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1728-1735.	2.8	6
46	Macrocyclic Hamilton-type receptors comprising a ferrocene pivot. <i>Supramolecular Chemistry</i> , 2018, 30, 869-875.	1.2	4
47	Postelongation Strategy for the Introduction of Guanidinium Units in the Main Chain of Helical Oligoureia Foldamers. <i>Journal of Organic Chemistry</i> , 2018, 83, 2530-2541.	3.2	3
48	Carbo-biphenyls and Carbo-terphenyls: Oligo(phenylene ethynylene) Ring Mers. <i>Angewandte Chemie</i> , 2018, 130, 5742-5746.	2.0	3
49	Helicity adaptation within a quadruply stranded helicate by encapsulation. <i>Chemical Communications</i> , 2018, 54, 13447-13450.	4.1	22
50	Selective Encapsulation of Disaccharide Xylobiose by an Aromatic Foldamer Helical Capsule. <i>Angewandte Chemie</i> , 2018, 130, 13730-13734.	2.0	19
51	Selective Encapsulation of Disaccharide Xylobiose by an Aromatic Foldamer Helical Capsule. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13542-13546.	13.8	48
52	3D and 2D supramolecular assemblies and thermotropic behaviour of a carbo-benzenic mesogen. <i>Chemical Communications</i> , 2017, 53, 5902-5905.	4.1	10
53	Synthetic water soluble di-/tritopic molecular receptors exhibiting Ca ²⁺ /Mg ²⁺ exchange. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4367-4374.	2.8	1
54	Stable 5,5-Substituted 2,2-Bipyrroles: Building Blocks for Macrocyclic and Materials Chemistry. <i>Journal of Organic Chemistry</i> , 2017, 82, 6904-6912.	3.2	7

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55	Translation of rod-like template sequences into homochiral assemblies of stacked helical oligomers. <i>Nature Nanotechnology</i> , 2017, 12, 447-452.	31.5	62
56	Controlling Dipole Orientation through Curvature: Aromatic Foldamer Bent \hat{I}^2 -Sheets and Helix- \hat{C} -Sheet- \hat{C} -Helix Architectures. <i>Journal of the American Chemical Society</i> , 2017, 139, 14668-14675.	13.7	31
57	Helical Oligoureas Foldamers as Powerful Hydrogen Bonding Catalysts for Enantioselective C-C Bond-Forming Reactions. <i>Journal of the American Chemical Society</i> , 2017, 139, 12524-12532.	13.7	78
58	Electronic Energy Transfer Modulation in a Dynamic Foldaxane: Proof-of-Principle of a Lifetime-Based Conformation Probe. <i>Angewandte Chemie</i> , 2016, 128, 1350-1355.	2.0	16
59	Crystal structure of a complex between \hat{I}^2 -glucopyranose and a macrocyclic receptor with dendritic multicharged water solubilizing chains. <i>Chemical Communications</i> , 2016, 52, 9355-9358.	4.1	42
60	Electronic Energy Transfer Modulation in a Dynamic Foldaxane: Proof-of-Principle of a Lifetime-Based Conformation Probe. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1328-1333.	13.8	39
61	Selective Dynamic Assembly of Disulfide Macrocyclic Helical Foldamers with Remote Communication of Handedness. <i>Angewandte Chemie</i> , 2016, 128, 6962-6966.	2.0	24
62	Selective Dynamic Assembly of Disulfide Macrocyclic Helical Foldamers with Remote Communication of Handedness. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6848-6852.	13.8	51
63	Racemic DNA crystallography: advantages and applications. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2016, 72, s50-s51.	0.1	0
64	Structural and morphological diversity of self-assembled synthetic \hat{I}^3 -amino acid containing peptides. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4089-4102.	2.8	20
65	Multivalent Interactions between an Aromatic Helical Foldamer and a DNA G-Quadruplex in the Solid State. <i>ChemBioChem</i> , 2016, 17, 1911-1914.	2.6	12
66	Anion Recognition by Aliphatic Helical Oligoureas. <i>Chemistry - A European Journal</i> , 2016, 22, 15684-15692.	3.3	27
67	Design and synthesis of novel organometallic dyes for NiO sensitization and photo-electrochemical applications. <i>Dalton Transactions</i> , 2016, 45, 12539-12547.	3.3	21
68	Iterative Evolution of an Abiotic Foldamer Sequence for the Recognition of Guest Molecules with Atomic Precision. <i>Journal of the American Chemical Society</i> , 2016, 138, 10314-10322.	13.7	53
69	Anion Recognition by Aliphatic Helical Oligoureas. <i>Chemistry - A European Journal</i> , 2016, 22, 15549-15549.	3.3	3
70	Structure elucidation of the Pribnow box consensus promoter sequence by racemic DNA crystallography. <i>Nucleic Acids Research</i> , 2016, 44, 5936-5943.	14.5	12
71	Stabilization of an \hat{I}^{\pm} -helix by short adjacent accessory foldamers. <i>Comptes Rendus Chimie</i> , 2016, 19, 123-131.	0.5	7
72	Citric acid encapsulation by a double helical foldamer in competitive solvents. <i>Chemical Communications</i> , 2016, 52, 3939-3942.	4.1	26

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73	[2]Rotaxanes comprising a macrocyclic Hamilton receptor obtained using active template synthesis: synthesis and guest complexation. <i>Supramolecular Chemistry</i> , 2016, 28, 733-741.	1.2	13
74	Peptide Oligomers Chimeras: Stabilization of Short Helices by Non-Peptide Helical Foldamers. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9816-9820.	13.8	54
75	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, 2870-2880.	3.3	25
76	In situ helicity inversion of self-assembled nano-helices. <i>Chemical Communications</i> , 2015, 51, 3518-3521.	4.1	21
77	Quaterpyrroles as Building Blocks for the Synthesis of Expanded Porphyrins. <i>Organic Letters</i> , 2015, 17, 2194-2197.	4.6	19
78	Iterative design of a helically folded aromatic oligoamide sequence for the selective encapsulation of fructose. <i>Nature Chemistry</i> , 2015, 7, 334-341.	13.6	208
79	Effects of Donor and Acceptor Units Attached with Benzoselenadiazole: Optoelectronic and Self-Assembling Patterns. <i>Crystal Growth and Design</i> , 2015, 15, 5548-5554.	3.0	24
80	Tuning the Guest-Binding Ability of a Helically Folded Capsule by In Situ Modification of the Aromatic Oligoamide Backbone. <i>Chemistry - A European Journal</i> , 2014, 20, 1547-1553.	3.3	31
81	Increasing the Size of an Aromatic Helical Foldamer Cavity by Strand Intercalation. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13140-13144.	13.8	40
82	Functionalization of a Ruthenium-Diacetylide Organometallic Complex as a Next-Generation Push-Pull Chromophore. <i>Chemistry - A European Journal</i> , 2014, 20, 7017-7024.	3.3	30
83	Synthesis and Folding Propensity of Aliphatic Oligoureas Containing Repeats of Proline-Type Units. <i>Journal of Organic Chemistry</i> , 2014, 79, 5494-5502.	3.2	11
84	Aromatic Oligoamide β -Sheet Foldamers. <i>Journal of the American Chemical Society</i> , 2014, 136, 2168-2174.	13.7	83
85	Racemic DNA Crystallography. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14424-14427.	13.8	41
86	Assessing Stabilization through π - π Interactions in Aromatic Oligoamide β -Sheet Foldamers. <i>Organic Letters</i> , 2014, 16, 2326-2329.	4.6	33
87	Formation of a Hydrogen-Bonded Barbiturate [2]-Rotaxane. <i>Organic Letters</i> , 2014, 16, 1358-1361.	4.6	24
88	Synthesis of 1,8-Diazaanthracenes as Building Blocks for Internally Functionalized Aromatic Oligoamide Foldamers. <i>Journal of Organic Chemistry</i> , 2014, 79, 2115-2122.	3.2	15
89	Influence of achiral units with gem-dimethyl substituents on the helical character of aliphatic oligourea foldamers. <i>Chemical Communications</i> , 2013, 49, 7415.	4.1	16
90	Controlling Helix Formation in the Peptide Superfamily: Heterogeneous Foldamers with Urea/Amide and Urea/Carbamate Backbones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4147-4151.	13.8	51

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91	Helix-Forming Propensity of Aliphatic Urea Oligomers Incorporating Noncanonical Residue Substitution Patterns. <i>Journal of the American Chemical Society</i> , 2013, 135, 4884-4892.	13.7	52
92	Folding of a Linear Array of α -Amino Acids within a Helical Aromatic Oligoamide Frame. <i>Journal of the American Chemical Society</i> , 2013, 135, 9628-9631.	13.7	74
93	Structural characterization of short hybrid urea/carbamate (U/C) foldamers: A case of partial helix unwinding. <i>Biopolymers</i> , 2013, 100, 687-697.	2.4	23
94	Structure Elucidation of Host-Guest Complexes of Tartaric and Malic Acids by Quasi-Racemic Crystallography. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11517-11520.	13.8	34
95	Photolariats: synthesis, metal ion complexation and photochromism. <i>Supramolecular Chemistry</i> , 2012, 24, 462-472.	1.2	4
96	Long-Range Effects on the Capture and Release of a Chiral Guest by a Helical Molecular Capsule. <i>Journal of the American Chemical Society</i> , 2012, 134, 11282-11288.	13.7	47
97	Identification of a Foldaxane Kinetic Byproduct during Guest-Induced Single to Double Helix Conversion. <i>Journal of the American Chemical Society</i> , 2012, 134, 15656-15659.	13.7	77
98	Spectroscopic and Crystallographic Characterization of α -Alternative Resting and α -Resting Oxidized Enzyme Forms of Bilirubin Oxidase: Implications for Activity and Electrochemical Behavior of Multicopper Oxidases. <i>Journal of the American Chemical Society</i> , 2012, 134, 5548-5551.	13.7	50
99	Development of Domino Processes by Using γ -Silylcycloheptatrienes and Its Analogues. <i>Chemistry - A European Journal</i> , 2012, 18, 11976-11986.	3.3	14
100	Dynamics of ion-regulated photoinduced electron transfer in BODIPY-BAPTA conjugates. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1666-1674.	2.9	30
101	Solvent dependence of helix stability in aromatic oligoamide foldamers. <i>Chemical Communications</i> , 2012, 48, 6337.	4.1	86
102	Copper Catalyst Activation Driven by Photoinduced Electron Transfer: A Prototype Photolent Click Catalyst. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7137-7141.	13.8	46
103	Unambiguous structure of atractyloside and carboxyatractyloside. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 2973-2975.	2.2	14
104	An activated building block for the introduction of the histidine side chain in aliphatic oligoamides. <i>Tetrahedron</i> , 2012, 68, 4492-4500.	1.9	6
105	A highly stable double helix of aromatic oligoamide comprised of fused ring aromatic units. <i>Tetrahedron</i> , 2012, 68, 4479-4484.	1.9	10
106	Absolute Control of Helical Handedness in Quinoline Oligoamides. <i>Journal of Organic Chemistry</i> , 2011, 76, 195-200.	3.2	86
107	Relative Helix-Helix Conformations in Branched Aromatic Oligoamide Foldamers. <i>Journal of the American Chemical Society</i> , 2011, 133, 3165-3172.	13.7	64
108	The 1-D polymeric structure of the $[\text{Fe}(\text{NH}_2\text{trz})_3](\text{NO}_3)_2 \cdot n\text{H}_2\text{O}$ (with $n = 2$) spin crossover compound proven by single crystal investigations. <i>Chemical Communications</i> , 2011, 47, 12382.	4.1	107

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109	Facile functionalization of a fully fluorescent perfluorophenyl BODIPY: photostable thiol and amine conjugates. <i>Chemical Communications</i> , 2011, 47, 10425.	4.1	40
110	Study of the oxidation of 3-hydroxypyrroloindoles to pyrrolobenzoxazine alkaloids. <i>Tetrahedron</i> , 2011, 67, 9899-9908.	1.9	14
111	Trimethylamine <i>N</i> -oxide as a versatile cryoprotective agent in macromolecular crystallography. <i>Journal of Applied Crystallography</i> , 2011, 44, 433-436.	4.5	23
112	Template-Induced Screw Motions within an Aromatic Amide Foldamer Double Helix. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7572-7575.	13.8	84
113	Condensation Approach to Aliphatic Oligourea Foldamers: Helices with <i>N</i> -(Pyrrolidin-2-ylmethyl)ureido Junctions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11382-11385.	13.8	54
114	Preparative enantiomeric separation of new selective CB ₂ receptor agonists by liquid chromatography on polysaccharide-based chiral stationary phases: Determination of enantiomeric purity and assignment of absolute stereochemistry by X-ray structure analysis. <i>Chirality</i> , 2011, 23, 389-396.	2.6	4
115	Helix-Rod Host-Guest Complexes with Shuttling Rates Much Faster than Disassembly. <i>Science</i> , 2011, 331, 1172-1175.	12.6	233
116	Hybridization of Long Pyridine-Dicarboxamide Oligomers into Multi-Turn Double Helices: Slow Strand Association and Dissociation, Solvent Dependence, and Solid State Structures. <i>Chemistry - an Asian Journal</i> , 2010, 5, 1364-1375.	3.3	27
117	Electrochemical Synthesis and Characterisation of Alternating Tripyridyl-Dipyrrole Molecular Strands with Multiple Nitrogen-Based Donor-Acceptor Binding Sites. <i>Chemistry - A European Journal</i> , 2010, 16, 11876-11889.	3.3	12
118	Parallel and Antiparallel Triple Helices of Naphthyridine Oligoamides. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1778-1781.	13.8	70
119	Cascading transformations within a dynamic self-assembled system. <i>Nature Chemistry</i> , 2010, 2, 684-687.	13.6	134
120	Diastereoselective Encapsulation of Tartaric Acid by a Helical Aromatic Oligoamide. <i>Journal of the American Chemical Society</i> , 2010, 132, 7858-7859.	13.7	120
121	Self-Assembly of Supramolecular Fullerene Ribbons via Hydrogen-Bonding Interactions and Their Impact on Fullerene Electronic Interactions and Charge Carrier Mobility. <i>Journal of the American Chemical Society</i> , 2010, 132, 12717-12723.	13.7	74
122	Heteromeric double helix formation by cross-hybridization of chloro- and fluoro-substituted quinoline oligoamides. <i>Chemical Communications</i> , 2010, 46, 297-299.	4.1	53
123	Driving amyloid toxicity in a yeast model by structural changes: a molecular approach. <i>FASEB Journal</i> , 2009, 23, 2254-2263.	0.5	24
124	Interplay of Interactions Governing the Dynamic Conversions of Acyclic and Macrocyclic Helicates. <i>Chemistry - A European Journal</i> , 2009, 15, 6138-6142.	3.3	35
125	A Self-Assembled Foldamer Capsule: Combining Single and Double Helical Segments in One Aromatic Amide Sequence. <i>Chemistry - A European Journal</i> , 2009, 15, 11530-11536.	3.3	48
126	Nanosized Hybrid Oligoamide Foldamers: Aromatic Templates for the Folding of Multiple Aliphatic Units. <i>Journal of the American Chemical Society</i> , 2009, 131, 8642-8648.	13.7	69

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127	Methionine Sulfoxide Reductase B Displays a High Level of Flexibility. <i>Journal of Molecular Biology</i> , 2009, 394, 83-93.	4.2	40
128	Metalâ€Directed Dynamic Formation of Tertiary Structure in Foldamer Assemblies: Orienting Helices at an Angle. <i>Chemistry - A European Journal</i> , 2008, 14, 7140-7143.	3.3	32
129	Quadruple and Double Helices of 8â€Fluoroquinoline Oligoamides. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1715-1718.	13.8	130
130	Converting Sequences of Aromatic Amino Acid Monomers into Functional Threeâ€Dimensional Structures: Secondâ€Generation Helical Capsules. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4153-4156.	13.8	79
131	Expanding the Registry of Aromatic Amide Foldamers:â€ Folding, Photochemistry and Assembly Using Diaza-anthracene Units. <i>Journal of Organic Chemistry</i> , 2008, 73, 2687-2694.	3.2	57
132	A Structural Analysis of the Catalytic Mechanism of Methionine Sulfoxide Reductase A from <i>Neisseria meningitidis</i> . <i>Journal of Molecular Biology</i> , 2008, 377, 268-280.	4.2	39
133	Interpenetrating single helical capsules. <i>Chemical Communications</i> , 2008, , 1968.	4.1	32
134	Remote Substituent Effects and Regioselective Enhancement of Electrophilic Substitutions in Helical Aromatic Oligoamides. <i>Journal of the American Chemical Society</i> , 2008, 130, 13210-13211.	13.7	27
135	Functional and Structural Aspects of Poplar Cytosolic and Plastidial Type A Methionine Sulfoxide Reductases. <i>Journal of Biological Chemistry</i> , 2007, 282, 3367-3378.	3.4	56
136	The Herringbone Helix:â A Noncanonical Folding in Aromaticâ Aliphatic Peptides. <i>Journal of the American Chemical Society</i> , 2007, 129, 11348-11349.	13.7	65
137	Assessing the Mechanical Properties of a Molecular Spring. <i>Chemistry - A European Journal</i> , 2007, 13, 8463-8469.	3.3	90
138	The X-ray Structure of the N-terminal Domain of PILB from <i>Neisseria meningitidis</i> Reveals a Thioredoxin-fold. <i>Journal of Molecular Biology</i> , 2006, 358, 443-454.	4.2	12
139	How to Avoid Premature Decay of Your Macromolecular Crystal: A Quick Soak for Long Life. <i>Structure</i> , 2006, 14, 1099-1105.	3.3	49
140	The three-dimensional structures of peptide methionine sulfoxide reductases: current knowledge and open questions. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2005, 1703, 249-260.	2.3	41
141	N-(tert-Butyloxycarbonylamino)phthalimide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o934-o935.	0.2	1
142	Crystallization and preliminary X-ray studies of the glutaredoxin from poplar in complex with glutathione. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 1043-1045.	2.5	5
143	Crystallization and preliminary X-ray diffraction studies of the peptide methionine sulfoxide reductase B domain of <i>Neisseria meningitidis</i> PILB. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 1467-1469.	2.5	15