

# Ivan Huc

## List of Publications by Year in descending order

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171  
papers

10,210  
citations

30070

54  
h-index

39675

94  
g-index

201  
all docs

201  
docs citations

201  
times ranked

4632  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interconversion of single and double helices formed from synthetic molecular strands. <i>Nature</i> , 2000, 407, 720-723.	27.8	682
2	Synthetic foldamers. <i>Chemical Communications</i> , 2011, 47, 5933.	4.1	682
3	Aromatic Oligoamide Foldamers. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 17-29.	2.4	658
4	Aromatic $\beta$ -Peptides. <i>Journal of the American Chemical Society</i> , 2003, 125, 3448-3449.	13.7	286
5	Helix-Rod Host-Guest Complexes with Shuttling Rates Much Faster than Disassembly. <i>Science</i> , 2011, 331, 1172-1175.	12.6	233
6	Helical Molecular Programming: Supramolecular Double Helices by Dimerization of Helical Oligopyridine-dicarboxamide Strands. <i>Chemistry - A European Journal</i> , 2001, 7, 2810-2820.	3.3	213
7	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
8	Chiral Induction in Quinoline-Derived Oligoamide Foldamers: Assignment of Helical Handedness and Role of Steric Effects. <i>Journal of the American Chemical Society</i> , 2005, 127, 12943-12951.	13.7	174
9	Helical Molecular Programming: Folding of Oligopyridine-dicarboxamides into Molecular Single Helices. <i>Chemistry - A European Journal</i> , 2001, 7, 2798-2809.	3.3	172
10	Protonation-Induced Transition between Two Distinct Helical Conformations of a Synthetic Oligomer via a Linear Intermediate. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2738-2740.	13.8	159
11	Macrocyclic and Helical Oligoamides as a New Class of G-Quadruplex Ligands. <i>Journal of the American Chemical Society</i> , 2007, 129, 11890-11891.	13.7	159
12	Designing Helical Molecular Capsules Based on Folded Aromatic Amide Oligomers. <i>Accounts of Chemical Research</i> , 2018, 51, 970-977.	15.6	157
13	Molecular Apple Peels. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1954-1958.	13.8	148
14	Cascading transformations within a dynamic self-assembled system. <i>Nature Chemistry</i> , 2010, 2, 684-687.	13.6	134
15	Template-Induced and Molecular Recognition Directed Hierarchical Generation of Supramolecular Assemblies from Molecular Strands. <i>Chemistry - A European Journal</i> , 2000, 6, 1938-1946.	3.3	131
16	Quadruple and Double Helices of 8-Fluoroquinoline Oligoamides. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1715-1718.	13.8	130
17	Strained Aromatic Oligoamide Macrocycles as New Molecular Clips. <i>Organic Letters</i> , 2004, 6, 2985-2988.	4.6	127
18	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

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19	Switching of Chiral Induction in Helical Aromatic Oligoamides Using Solid State $\leftrightarrow$ Solution State Equilibrium. <i>Journal of the American Chemical Society</i> , 2004, 126, 1034-1035.	13.7	118
20	Aromatic $\beta$ -peptides: design, synthesis and structural studies of helical, quinoline-derived oligoamide foldamers. <i>Tetrahedron</i> , 2003, 59, 8365-8374.	1.9	108
21	Interstrand Interactions between Side Chains in a Double-Helical Foldamer. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5483-5486.	13.8	99
22	Development and Biological Assessment of Fully Water-Soluble Helical Aromatic Amide Foldamers. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4081-4084.	13.8	95
23	Helical Aromatic Oligoamide Foldamers as Organizational Scaffolds for Photoinduced Charge Transfer. <i>Journal of the American Chemical Society</i> , 2009, 131, 4819-4829.	13.7	95
24	Assessing the Mechanical Properties of a Molecular Spring. <i>Chemistry - A European Journal</i> , 2007, 13, 8463-8469.	3.3	90
25	Folding Directed N-Oxidation of Oligopyridine $\leftrightarrow$ Dicarboxamide Strands and Hybridization of Oxidized Oligomers. <i>Journal of the American Chemical Society</i> , 2005, 127, 2400-2401.	13.7	88
26	Absolute Control of Helical Handedness in Quinoline Oligoamides. <i>Journal of Organic Chemistry</i> , 2011, 76, 195-200.	3.2	86
27	Solvent dependence of helix stability in aromatic oligoamide foldamers. <i>Chemical Communications</i> , 2012, 48, 6337.	4.1	86
28	Template $\rightarrow$ Induced Screw Motions within an Aromatic Amide Foldamer Double Helix. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7572-7575.	13.8	84
29	Aromatic Oligoamide $\beta$ -Sheet Foldamers. <i>Journal of the American Chemical Society</i> , 2014, 136, 2168-2174.	13.7	83
30	Solution Structure of Quinoline- and Pyridine-Derived Oligoamide Foldamers. <i>Chemistry - A European Journal</i> , 2005, 11, 6135-6144.	3.3	79
31	Kinetics of Helix $\leftrightarrow$ Handedness Inversion: Folding and Unfolding in Aromatic Amide Oligomers. <i>ChemPhysChem</i> , 2008, 9, 1882-1890.	2.1	79
32	Converting Sequences of Aromatic Amino Acid Monomers into Functional Three $\rightarrow$ Dimensional Structures: Second $\rightarrow$ Generation Helical Capsules. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4153-4156.	13.8	79
33	Ribosomal synthesis and folding of peptide-helical aromatic foldamer hybrids. <i>Nature Chemistry</i> , 2018, 10, 405-412.	13.6	79
34	Proteomorphous Objects from Abiotic Backbones. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 214-217.	13.8	77
35	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
36	Solid Phase Synthesis of Aromatic Oligoamides: Application to Helical Water-Soluble Foldamers. <i>Journal of Organic Chemistry</i> , 2010, 75, 7175-7185.	3.2	74

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37	Folding of a Linear Array of $\alpha$ -Amino Acids within a Helical Aromatic Oligoamide Frame. <i>Journal of the American Chemical Society</i> , 2013, 135, 9628-9631.	13.7	74
38	Cross-Hybridization of Pyridinedicarboxamide Helical Strands and Their N-Oxides. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4625-4628.	13.8	73
39	Hydroxy-substituted oligopyridine dicarboxamide helical foldamers. <i>Chemical Communications</i> , 2002, , 578-579.	4.1	72
40	Design of an Inversion Center between Two Helical Segments. <i>Journal of the American Chemical Society</i> , 2004, 126, 10049-10052.	13.7	72
41	Photoinduced Electron Transfer and Hole Migration in Nanosized Helical Aromatic Oligoamide Foldamers. <i>Journal of the American Chemical Society</i> , 2016, 138, 13568-13578.	13.7	71
42	Parallel and Antiparallel Triple Helices of Naphthyridine Oligoamides. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1778-1781.	13.8	70
43	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
44	Double versus single helical structures of oligopyridine-dicarboxamide strands. Part 1: Effect of oligomer length. <i>Tetrahedron</i> , 2004, 60, 10029-10038.	1.9	67
45	Designing cooperatively folded abiotic uni- and multimolecular helix bundles. <i>Nature Chemistry</i> , 2018, 10, 51-57.	13.6	67
46	The Herringbone Helix: A Noncanonical Folding in Aromatic-Aliphatic Peptides. <i>Journal of the American Chemical Society</i> , 2007, 129, 11348-11349.	13.7	65
47	Probing helix propensity of monomers within a helical oligomer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 16146-16151.	7.1	64
48	Relative Helix-Helix Conformations in Branched Aromatic Oligoamide Foldamers. <i>Journal of the American Chemical Society</i> , 2011, 133, 3165-3172.	13.7	64
49	Translation of rod-like template sequences into homochiral assemblies of stacked helical oligomers. <i>Nature Nanotechnology</i> , 2017, 12, 447-452.	31.5	62
50	Intramolecular Versus Intermolecular Induction of Helical Handedness in Pyridinedicarboxamide Oligomers. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 1293-1301.	2.4	61
51	Encapsulation of Small Polar Guests in Molecular Apple Peels. <i>Chemistry - A European Journal</i> , 2007, 13, 8454-8462.	3.3	60
52	Structure of a Complex Formed by a Protein and a Helical Aromatic Oligoamide Foldamer at 2.1 Å Resolution. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 883-887.	13.8	59
53	Expanding the Registry of Aromatic Amide Foldamers: $\alpha$ -Folding, Photochemistry and Assembly Using Diaza-anthracene Units. <i>Journal of Organic Chemistry</i> , 2008, 73, 2687-2694.	3.2	57
54	Single helically folded aromatic oligoamides that mimic the charge surface of double-stranded B-DNA. <i>Nature Chemistry</i> , 2018, 10, 511-518.	13.6	56

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55	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 2844-2846.	2.0	55
56	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
57	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
58	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
59	Vibrational circular dichroism and ab initio structure elucidation of an aromatic foldamer. <i>Chemical Communications</i> , 2006, , 2714.	4.1	50
60	Double versus single helical structures of oligopyridine-dicarboxamide strands. Part 2: The role of side chains. <i>Tetrahedron</i> , 2007, 63, 6322-6330.	1.9	50
61	Molecular Apple Peels. <i>Angewandte Chemie</i> , 2005, 117, 1990-1994.	2.0	49
62	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
63	Selective Encapsulation of Disaccharide Xylobiose by an Aromatic Foldamer Helical Capsule. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13542-13546.	13.8	48
64	Amphipathic Helices from Aromatic Amino Acid Oligomers. <i>Journal of Organic Chemistry</i> , 2006, 71, 7931-7939.	3.2	47
65	G-Quadruplex DNA Bound by a Synthetic Ligand is Highly Dynamic. <i>Journal of the American Chemical Society</i> , 2009, 131, 12522-12523.	13.7	47
66	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
67	Emergence of low-symmetry foldamers from single monomers. <i>Nature Chemistry</i> , 2020, 12, 1180-1186.	13.6	47
68	Cellular Internalization of Water-Soluble Helical Aromatic Amide Foldamers. <i>ChemBioChem</i> , 2010, 11, 1679-1685.	2.6	46
69	Large-scale and chromatography-free synthesis of an octameric quinoline-based aromatic amide helical foldamer. <i>Nature Protocols</i> , 2013, 8, 693-708.	12.0	44
70	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
71	Crystal structure of a complex between $\beta$ -D-glucopyranose and a macrocyclic receptor with dendritic multicharged water solubilizing chains. <i>Chemical Communications</i> , 2016, 52, 9355-9358.	4.1	42
72	Racemic DNA Crystallography. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14424-14427.	13.8	41

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73	Self-Association of Aromatic Oligoamide Foldamers into Double Helices in Water. <i>Organic Letters</i> , 2014, 16, 4992-4995.	4.6	41
74	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
75	Density Functional Theory Calculations and Vibrational Circular Dichroism of Aromatic Foldamers. <i>Journal of Physical Chemistry A</i> , 2007, 111, 5092-5098.	2.5	39
76	Deciphering Aromatic Oligoamide Foldamer-DNA Interactions. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 473-477.	13.8	39
77	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
78	Multi-dimensional charge transport in supramolecular helical foldamer assemblies. <i>Chemical Science</i> , 2017, 8, 7251-7257.	7.4	38
79	Carbohydrate binding through first- and second-sphere coordination within aromatic oligoamide metallofoldamers. <i>Chemical Communications</i> , 2018, 54, 5078-5081.	4.1	36
80	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
81	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
82	Controlling Helix Handedness in Water-Soluble Quinoline Oligoamide Foldamers. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4265-4275.	2.4	33
83	Assessing Stabilization through $\pi$ - $\pi$ Interactions in Aromatic Oligoamide $\beta$ -Sheet Foldamers. <i>Organic Letters</i> , 2014, 16, 2326-2329.	4.6	33
84	Helically Folding Polymers. , 0, , 331-366.		32
85	Metal-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
86	Interpenetrating single helical capsules. <i>Chemical Communications</i> , 2008, , 1968.	4.1	32
87	Solid-Phase Synthesis of Water-Soluble Helically Folded Hybrid $\beta$ -Amino Acid/Quinoline Oligoamides. <i>Journal of Organic Chemistry</i> , 2016, 81, 1137-1150.	3.2	32
88	Orchestrating Directional Molecular Motions: Kinetically Controlled Supramolecular Pathways of a Helical Host on Rodlike Guests. <i>Journal of the American Chemical Society</i> , 2017, 139, 9350-9358.	13.7	32
89	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
90	Targeting DNA G-Quadruplexes with Helical Small Molecules. <i>ChemBioChem</i> , 2014, 15, 2563-2570.	2.6	31

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91	Controlling Dipole Orientation through Curvature: Aromatic Foldamer Bent $\hat{I}^2$ -Sheets and Helix "Sheet" Helix Architectures. <i>Journal of the American Chemical Society</i> , 2017, 139, 14668-14675.	13.7	31
92	Solid state characterization of oligopyridine dicarboxamide helicates. <i>Chemical Communications</i> , 2004, , 924.	4.1	30
93	Metal "Coordination" Assisted Folding and Guest Binding in Helical Aromatic Oligoamide Molecular Capsules. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6823-6827.	13.8	30
94	Synthesis and Multibromination of Nanosized Helical Aromatic Amide Foldamers via Segment-Doubling Condensation. <i>Organic Letters</i> , 2016, 18, 1044-1047.	4.6	28
95	Optimizing aromatic oligoamide foldamer side-chains for ribosomal translation initiation. <i>Chemical Communications</i> , 2019, 55, 7366-7369.	4.1	28
96	Light "Controlled" Conformational Switch of an Aromatic Oligoamide Foldamer. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8063-8067.	13.8	28
97	Parallel Homochiral and Anti "Parallel Heterochiral Hydrogen "Bonding Interfaces in Multi "Helical Abiotic Foldamers. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1606-1610.	13.8	28
98	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
99	Citric acid encapsulation by a double helical foldamer in competitive solvents. <i>Chemical Communications</i> , 2016, 52, 3939-3942.	4.1	26
100	Self-Assembled Protein "Aromatic Foldamer Complexes with 2:3 and 2:2:1 Stoichiometries. <i>Journal of the American Chemical Society</i> , 2017, 139, 2928-2931.	13.7	26
101	Solid state and solution conformation of 2-pyridinecarboxylic acid hydrazides: a new structural motif for foldamers. <i>Tetrahedron Letters</i> , 2003, 44, 1421-1424.	1.4	25
102	Selective Dynamic Assembly of Disulfide Macrocyclic Helical Foldamers with Remote Communication of Handedness. <i>Angewandte Chemie</i> , 2016, 128, 6962-6966.	2.0	24
103	Optimizing side chains for crystal growth from water: a case study of aromatic amide foldamers. <i>Chemical Science</i> , 2017, 8, 3741-3749.	7.4	24
104	Computational Prediction and Rationalization, and Experimental Validation of Handedness Induction in Helical Aromatic Oligoamide Foldamers. <i>Chemistry - A European Journal</i> , 2017, 23, 3605-3615.	3.3	23
105	Enhancing Aromatic Foldamer Helix Dynamics to Probe Interactions with Protein Surfaces. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5489-5498.	2.4	23
106	How Can Folded Biopolymers and Synthetic Foldamers Recognize Each Other?. <i>ChemBioChem</i> , 2009, 10, 1765-1767.	2.6	22
107	Chiral separation by a terminal chirality triggered P- helical quinoline oligoamide foldamer. <i>Journal of Chromatography A</i> , 2016, 1437, 88-94.	3.7	22
108	Alkali and alkaline earth metal ion binding by a foldamer capsule: selective recognition of magnesium hydrate. <i>Chemical Communications</i> , 2017, 53, 9300-9303.	4.1	22

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109	Interplay of secondary and tertiary folding in abiotic foldamers. <i>Chemical Science</i> , 2019, 10, 6984-6991.	7.4	22
110	Ribosomal Incorporation of Aromatic Oligoamides as Peptide Sidechain Appendages. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4860-4864.	13.8	21
111	Foldaxanes: Rotaxane-like Architectures from Foldamers. <i>Accounts of Chemical Research</i> , 2022, 55, 1074-1085.	15.6	21
112	Structural elucidation of foldamers with no long range conformational order. <i>Chemical Communications</i> , 2014, 50, 10090-10093.	4.1	19
113	Solution Observation of Dimerization and Helix Handedness Induction in a Human Carbonic Anhydraseâ€“Helical Aromatic Amide Foldamer Complex. <i>ChemBioChem</i> , 2016, 17, 727-736.	2.6	19
114	Selective Encapsulation of Disaccharide Xylobiose by an Aromatic Foldamer Helical Capsule. <i>Angewandte Chemie</i> , 2018, 130, 13730-13734.	2.0	19
115	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
116	Frustrated Helicity: Joining the Diverging Ends of a Stable Aromatic Amide Helix to Form a Fluxional Macrocycle. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7888-7892.	13.8	17
117	Electronic Energy Transfer Modulation in a Dynamic Foldaxane: Proofâ€“ofâ€“Principle of a Lifetimeâ€“Based Conformation Probe. <i>Angewandte Chemie</i> , 2016, 128, 1350-1355.	2.0	16
118	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
119	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
120	Aromatic $\hat{\pi}^2$ -sheet foldamers based on tertiary squaramides. <i>Chemical Communications</i> , 2019, 55, 10392-10395.	4.1	15
121	Structure Elucidation of Helical Aromatic Foldamerâ€“Protein Complexes with Large Contact Surface Areas. <i>Chemistry - A European Journal</i> , 2019, 25, 11042-11047.	3.3	15
122	Carboxylate-functionalized foldamer inhibitors of HIV-1 integrase and Topoisomerase 1: artificial analogues of DNA mimic proteins. <i>Nucleic Acids Research</i> , 2019, 47, 5511-5521.	14.5	15
123	Allosteric Recognition of Homomeric and Heteromeric Pairs of Monosaccharides by a Foldamer Capsule. <i>Angewandte Chemie</i> , 2020, 132, 5846-5854.	2.0	15
124	Assessing the folding propensity of aliphatic units within helical aromatic oligoamide foldamers. <i>Tetrahedron</i> , 2012, 68, 4464-4469.	1.9	13
125	Crystal structure of a proteinâ€“aromatic foldamer composite: macromolecular chiral resolution. <i>Chemical Communications</i> , 2019, 55, 11087-11090.	4.1	13
126	Largeâ€“Amplitude Conformational Changes in Selfâ€“Assembled Multiâ€“Stranded Aromatic Sheets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2574-2577.	13.8	13



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127	Single-molecule mechanics of synthetic aromatic amide helices: Ultrafast and robust non-dissipative winding. <i>CheM</i> , 2021, 7, 1333-1346.	11.7	13
128	Electrochemical Synthesis and Characterisation of Alternating Tripyridylâ€Dipyrrole Molecular Strands with Multiple Nitrogenâ€Based Donorâ€Acceptor Binding Sites. <i>Chemistry - A European Journal</i> , 2010, 16, 11876-11889.	3.3	12
129	Multivalent Interactions between an Aromatic Helical Foldamer and a DNA Gâ€Quadruplex in the Solid State. <i>ChemBioChem</i> , 2016, 17, 1911-1914.	2.6	12
130	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
131	Directional Threading and Sliding of a Dissymmetrical Foldamer Helix on Dissymmetrical Axles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4205-4209.	13.8	12
132	Polar solvent effects on tartaric acid binding by aromatic oligoamide foldamer capsules. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2466-2472.	2.8	11
133	Metalâ€Coordinationâ€Assisted Folding and Guest Binding in Helical Aromatic Oligoamide Molecular Capsules. <i>Angewandte Chemie</i> , 2017, 129, 6927-6931.	2.0	11
134	Assessing Interactions between Helical Aromatic Oligoamide Foldamers and Protein Surfaces: A Tethering Approach. <i>Bioconjugate Chemistry</i> , 2019, 30, 54-62.	3.6	11
135	Parallele homochirale und antiparallele heterochirale Wasserstoffbrückenâ€Interaktionsflächen in multihelikalen abiotischen Foldameren. <i>Angewandte Chemie</i> , 2020, 132, 1623-1627.	2.0	11
136	Multiturn Hollow Helices: Synthesis and Folding of Long Aromatic Oligoamides. <i>Organic Letters</i> , 2020, 22, 6938-6942.	4.6	10
137	Quantitative helix handedness bias through a single H <i>vs.</i> CH<sub>3</sub> stereochemical differentiation. <i>Chemical Communications</i> , 2021, 57, 5662-5665.	4.1	10
138	Accessing Improbable Foldamer Shapes with Strained Macrocycles. <i>Chemistry - A European Journal</i> , 2021, 27, 11205-11215.	3.3	10
139	Loading Linear Arrays of Cu<sup>II</sup> Inside Aromatic Amide Helices. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18461-18466.	13.8	10
140	Discrete Stacked Dimers of Aromatic Oligoamide Helices. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	10
141	Generalizing the Aromatic Î€Amino Acid Foldamer Helix. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	9
142	Foldamers. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3408-3409.	2.4	8
143	Synthesis and Conformational Analysis of Quinolineâ€Oxazole Peptides. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2457-2466.	2.4	8
144	Wetting the lock and key enthalpically favours polyelectrolyte binding. <i>Chemical Science</i> , 2019, 10, 277-283.	7.4	8

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145	Light-Controlled Conformational Switch of an Aromatic Oligoamide Foldamer. <i>Angewandte Chemie</i> , 2019, 131, 8147-8151.	2.0	8
146	Synthetic Foldamers: Rational Design of Advanced Structures with Diverse Applications. <i>ChemPlusChem</i> , 2021, 86, 1042-1043.	2.8	8
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164	OligoquinolyleneVinylene Foldamers. <i>Chemistry - A European Journal</i> , 2021, 27, 1031-1038.	3.3	2
165	Loading Linear Arrays of Cu II Inside Aromatic Amide Helices. <i>Angewandte Chemie</i> , 2021, 133, 18609-18614.	2.0	2
166	Selective and Cooperative Photocycloadditions within Multistranded Aromatic Sheets. <i>Journal of the American Chemical Society</i> , 2022, , .	13.7	2
167	Interplay between a Foldamer Helix and a Macrocycle in a Foldarotaxane Architecture. <i>Angewandte Chemie</i> , 2021, 133, 8461-8465.	2.0	1
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