# Brice Kauffmann

List of Publications by Year
in descending order



| 143 | 4,898 | 76326 | 123424 |
|---|---|---|---|
| papers | citations | 40 h-index | 61 g-index |

| 160 | 160 | 160 | 4198 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Helix-Rod Host-Guest Complexes with Shuttling Rates Much Faster than Disassembly. Science, 2011, 331, 1172-1175. | 12.6 | 233 |
| 2 | Iterative design of a helically folded aromatic oligoamide sequence for the selective encapsulation of fructose. Nature Chemistry, 2015, 7, 334-341. | 13.6 | 208 |
| 3 | Cascading transformations within a dynamic self-assembled system. Nature Chemistry, 2010, 2, 684-687. | 13.6 | 134 |
| 4 | Quadruple and Double Helices of 8â€Fluoroquinoline Oligoamides. Angewandte Chemie - International Edition, 2008, 47, 1715-1718. | 13.8 | 130 |
| 5 | Diastereoselective Encapsulation of Tartaric Acid by a Helical Aromatic Oligoamide. Journal of the American Chemical Society, 2010, 132, 7858-7859. | 13.7 | 120 |
| 6 | The 1-D polymeric structure of the [Fe(NH2trz)3](NO3)2Â·nH2O (with n = 2) spin crossover compound proven by single crystal investigations. Chemical Communications, 2011, 47, 12382. | 4.1 | 107 |
| 7 | Assessing the Mechanical Properties of a Molecular Spring. Chemistry - A European Journal, 2007, 13, 8463-8469. | 3.3 | 90 |
| 8 | Absolute Control of Helical Handedness in Quinoline Oligoamides. Journal of Organic Chemistry, 2011, 76, 195-200. | 3.2 | 86 |
| 9 | Solvent dependence of helix stability in aromatic oligoamide foldamers. Chemical Communications, 2012, 48, 6337. | 4.1 | 86 |
| 10 | Templateâ€Induced Screw Motions within an Aromatic Amide Foldamer Double Helix. Angewandte Chemie - International Edition, 2011, 50, 7572-7575. | 13.8 | 84 |
| 11 | Aromatic Oligoamide Î²-Sheet Foldamers. Journal of the American Chemical Society, 2014, 136, 2168-2174. | 13.7 | 83 |
| 12 | Converting Sequences of Aromatic Amino Acid Monomers into Functional Threeâ€Dimensional Structures: Secondâ€Generation Helical Capsules. Angewandte Chemie - International Edition, 2008, 47, 4153-4156. | 13.8 | 79 |
| 13 | Helical Oligourea Foldamers as Powerful Hydrogen Bonding Catalysts for Enantioselective Câ€“C Bond-Forming Reactions. Journal of the American Chemical Society, 2017, 139, 12524-12532. | 13.7 | 78 |
| 14 | Identification of a Foldaxane Kinetic Byproduct during Guest-Induced Single to Double Helix Conversion. Journal of the American Chemical Society, 2012, 134, 15656-15659. | 13.7 | 77 |
| 15 | Self-Assembly of Supramolecular Fullerene Ribbons via Hydrogen-Bonding Interactions and Their Impact on Fullerene Electronic Interactions and Charge Carrier Mobility. Journal of the American Chemical Society, 2010, 132, 12717-12723. | 13.7 | 74 |
| 16 | Folding of a Linear Array of Î±-Amino Acids within a Helical Aromatic Oligoamide Frame. Journal of the American Chemical Society, 2013, 135, 9628-9631. | 13.7 | 74 |
| 17 | Parallel and Antiparallel Triple Helices of Naphthyridine Oligoamides. Angewandte Chemie - International Edition, 2010, 49, 1778-1781. | 13.8 | 70 |
| 18 | Nanosized Hybrid Oligoamide Foldamers: Aromatic Templates for the Folding of Multiple Aliphatic Units. Journal of the American Chemical Society, 2009, 131, 8642-8648. | 13.7 | 69 |

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| 19 | Optically Active Perovskite CsPbBr<sub>3</sub> Nanocrystals Helically Arranged on Inorganic Silica Nanohelices. Nano Letters, 2020, 20, 8453-8460. | 9.1 | 68 |
| 20 | The Herringbone Helix:Â A Noncanonical Folding in Aromaticâ^'Aliphatic Peptides. Journal of the American Chemical Society, 2007, 129, 11348-11349. | 13.7 | 65 |
| 21 | Relative Helixâ^'Helix Conformations in Branched Aromatic Oligoamide Foldamers. Journal of the American Chemical Society, 2011, 133, 3165-3172. | 13.7 | 64 |
| 22 | Translation of rod-like template sequences into homochiral assemblies of stacked helical oligomers. Nature Nanotechnology, 2017, 12, 447-452. | 31.5 | 62 |
| 23 | Expanding the Registry of Aromatic Amide Foldamers:â€‰ Folding, Photochemistry and Assembly Using Diaza-anthracene Units. Journal of Organic Chemistry, 2008, 73, 2687-2694. | 3.2 | 57 |
| 24 | Functional and Structural Aspects of Poplar Cytosolic and Plastidial Type A Methionine Sulfoxide Reductases. Journal of Biological Chemistry, 2007, 282, 3367-3378. | 3.4 | 56 |
| 25 | Condensation Approach to Aliphatic Oligourea Foldamers: Helices with Nâ€(Pyrrolidinâ€2â€ylmethyl)ureido Junctions. Angewandte Chemie - International Edition, 2011, 50, 11382-11385. | 13.8 | 54 |
| 26 | Î±â€Peptideâ€“Oligourea Chimeras: Stabilization of Short Î±â€Helices by Nonâ€Peptide Helical Foldamers. Angewandte Chemie - International Edition, 2015, 54, 9816-9820. | 13.8 | 54 |
| 27 | Heteromeric double helix formation by cross-hybridization of chloro-and fluoro-substituted quinoline oligoamides. Chemical Communications, 2010, 46, 297-299. | 4.1 | 53 |
| 28 | Iterative Evolution of an Abiotic Foldamer Sequence for the Recognition of Guest Molecules with Atomic Precision. Journal of the American Chemical Society, 2016, 138, 10314-10322. | 13.7 | 53 |
| 29 | Helix-Forming Propensity of Aliphatic Urea Oligomers Incorporating Noncanonical Residue Substitution Patterns. Journal of the American Chemical Society, 2013, 135, 4884-4892. | 13.7 | 52 |
| 30 | Controlling Helix Formation in the Î³â€Peptide Superfamily: Heterogeneous Foldamers with Urea/Amide and Urea/Carbamate Backbones. Angewandte Chemie - International Edition, 2013, 52, 4147-4151. | 13.8 | 51 |
| 31 | Selective Dynamic Assembly of Disulfide Macrocyclic Helical Foldamers with Remote Communication of Handedness. Angewandte Chemie - International Edition, 2016, 55, 6848-6852. | 13.8 | 51 |
| 32 | Spectroscopic and Crystallographic Characterization of â€œAlternative Restingâ€•and â€œResting Oxidizedâ€• Enzyme Forms of Bilirubin Oxidase: Implications for Activity and Electrochemical Behavior of Multicopper Oxidases. Journal of the American Chemical Society, 2012, 134, 5548-5551. | 13.7 | 50 |
| 33 | How to Avoid Premature Decay of Your Macromolecular Crystal: A Quick Soak for Long Life. Structure, 2006, 14, 1099-1105. | 3.3 | 49 |
| 34 | A Selfâ€Assembled Foldamer Capsule: Combining Single and Double Helical Segments in One Aromatic Amide Sequence. Chemistry - A European Journal, 2009, 15, 11530-11536. | 3.3 | 48 |
| 35 | Selective Encapsulation of Disaccharide Xylobiose by an Aromatic Foldamer Helical Capsule. Angewandte Chemie - International Edition, 2018, 57, 13542-13546. | 13.8 | 48 |
| 36 | Long-Range Effects on the Capture and Release of a Chiral Guest by a Helical Molecular Capsule. Journal of the American Chemical Society, 2012, 134, 11282-11288. | 13.7 | 47 |

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| 37 | Emergence of low-symmetry foldamers from single monomers. Nature Chemistry, 2020, 12, 1180-1186. | 13.6 | 47 |
| 38 | Copper Catalyst Activation Driven by Photoinduced Electron Transfer: A Prototype Photolatent Click Catalyst. Angewandte Chemie - International Edition, 2012, 51, 7137-7141. | 13.8 | 46 |
| 39 | Allosteric Recognition of Homomeric and Heteromeric Pairs of Monosaccharides by a Foldamer Capsule. Angewandte Chemie - International Edition, 2020, 59, 5797-5805. | 13.8 | 43 |
| 40 | Crystal structure of a complex between Î²-glucopyranose and a macrocyclic receptor with dendritic multicharged water solubilizing chains. Chemical Communications, 2016, 52, 9355-9358. | 4.1 | 42 |
| 41 | The three-dimensional structures of peptide methionine sulfoxide reductases: current knowledge and open questions. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2005, 1703, 249-260. | 2.3 | 41 |
| 42 | Racemic DNA Crystallography. Angewandte Chemie - International Edition, 2014, 53, 14424-14427. | 13.8 | 41 |
| 43 | Methionine Sulfoxide Reductase B Displays a High Level of Flexibility. Journal of Molecular Biology, 2009, 394, 83-93. | 4.2 | 40 |
| 44 | Facile functionalization of a fully fluorescent perfluorophenyl BODIPY: photostable thiol and amine conjugates. Chemical Communications, 2011, 47, 10425. | 4.1 | 40 |
| 45 | Increasing the Size of an Aromatic Helical Foldamer Cavity by Strand Intercalation. Angewandte Chemie - International Edition, 2014, 53, 13140-13144. | 13.8 | 40 |
| 46 | Molecular architecture of bacterial amyloids in Bacillus biofilms. FASEB Journal, 2019, 33, 12146-12163. | 0.5 | 40 |
| 47 | A Structural Analysis of the Catalytic Mechanism of Methionine Sulfoxide Reductase A from Neisseria meningitidis. Journal of Molecular Biology, 2008, 377, 268-280. | 4.2 | 39 |
| 48 | Electronic Energy Transfer Modulation in a Dynamic Foldaxane: Proofâ€ofâ€Principle of a Lifetimeâ€Based Conformation Probe. Angewandte Chemie - International Edition, 2016, 55, 1328-1333. | 13.8 | 39 |
| 49 | Interplay of Interactions Governing the Dynamic Conversions of Acyclic and Macrocyclic Helicates. Chemistry - A European Journal, 2009, 15, 6138-6142. | 3.3 | 35 |
| 50 | Structure Elucidation of Hostâ€“Guest Complexes of Tartaric and Malic Acids by Quasiâ€Racemic Crystallography. Angewandte Chemie - International Edition, 2013, 52, 11517-11520. | 13.8 | 34 |
| 51 | Structural and molecular basis of cross-seeding barriers in amyloids. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 34 |
| 52 | Assessing Stabilization through Ï€â€“Ï€ Interactions in Aromatic Oligoamide Î²-Sheet Foldamers. Organic Letters, 2014, 16, 2326-2329. | 4.6 | 33 |
| 53 | Structural dissection of amyloid aggregates of TDPâ€43 and its Câ€terminal fragments TDPâ€35 and TDPâ€16. FEBS Journal, 2020, 287, 2449-2467. | 4.7 | 33 |
| 54 | Metalâ€Directed Dynamic Formation of Tertiary Structure in Foldamer Assemblies: Orienting Helices at an Angle. Chemistry - A European Journal, 2008, 14, 7140-7143. | 3.3 | 32 |

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| 55 | Interpenetrating single helical capsules. Chemical Communications, 2008, , 1968. | 4.1 | 32 |
| 56 | Tuning the Guestâ€Binding Ability of a Helically Folded Capsule by In Situ Modification of the Aromatic Oligoamide Backbone. Chemistry - A European Journal, 2014, 20, 1547-1553. | 3.3 | 31 |
| 57 | Controlling Dipole Orientation through Curvature: Aromatic Foldamer Bent Î²-Sheets and Helixâ€“Sheetâ€“Helix Architectures. Journal of the American Chemical Society, 2017, 139, 14668-14675. | 13.7 | 31 |
| 58 | Dynamics of ion-regulated photoinduced electron transfer in BODIPY-BAPTA conjugates. Photochemical and Photobiological Sciences, 2012, 11, 1666-1674. | 2.9 | 30 |
| 59 | Functionalization of a Rutheniumâ€“Diacetylide Organometallic Complex as a Nextâ€Generation Pushâ€“Pull Chromophore. Chemistry - A European Journal, 2014, 20, 7017-7024. | 3.3 | 30 |
| 60 | Lightâ€Controlled Conformational Switch of an Aromatic Oligoamide Foldamer. Angewandte Chemie - International Edition, 2019, 58, 8063-8067. | 13.8 | 28 |
| 61 | Remote Substituent Effects and Regioselective Enhancement of Electrophilic Substitutions in Helical Aromatic Oligoamides. Journal of the American Chemical Society, 2008, 130, 13210-13211. | 13.7 | 27 |
| 62 | Hybridization of Long Pyridineâ€Dicarboxamide Oligomers into Multiâ€Turn Double Helices: Slow Strand Association and Dissociation, Solvent Dependence, and Solid State Structures. Chemistry - an Asian Journal, 2010, 5, 1364-1375. | 3.3 | 27 |
| 63 | Anion Recognition by Aliphatic Helical Oligoureas. Chemistry - A European Journal, 2016, 22, 15684-15692. | 3.3 | 27 |
| 64 | Citric acid encapsulation by a double helical foldamer in competitive solvents. Chemical Communications, 2016, 52, 3939-3942. | 4.1 | 26 |
| 65 | Hyper-Rayleigh Scattering as a New Chiroptical Method: Uncovering the Nonlinear Optical Activity of Aromatic Oligoamide Foldamers. Journal of the American Chemical Society, 2020, 142, 257-263. | 13.7 | 26 |
| 66 | Isosteric Substitutions of Urea to Thiourea and Selenourea in Aliphatic Oligourea Foldamers: Siteâ€Specific Perturbation of the Helix Geometry. Chemistry - A European Journal, 2015, 21, 2870-2880. | 3.3 | 25 |
| 67 | Driving amyloid toxicity in a yeast model by structural changes: a molecular approach. FASEB Journal, 2009, 23, 2254-2263. | 0.5 | 24 |
| 68 | Formation of a Hydrogen-Bonded Barbiturate [2]-Rotaxane. Organic Letters, 2014, 16, 1358-1361. | 4.6 | 24 |
| 69 | Effects of Donor and Acceptor Units Attached with Benzoselenadiazole: Optoelectronic and Self-Assembling Patterns. Crystal Growth and Design, 2015, 15, 5548-5554. | 3.0 | 24 |
| 70 | Selective Dynamic Assembly of Disulfide Macrocyclic Helical Foldamers with Remote Communication of Handedness. Angewandte Chemie, 2016, 128, 6962-6966. | 2.0 | 24 |
| 71 | TrimethylamineN-oxide as a versatile cryoprotective agent in macromolecular crystallography. Journal of Applied Crystallography, 2011, 44, 433-436. | 4.5 | 23 |
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| 73 | Helicity adaptation within a quadruply stranded helicate by encapsulation. Chemical Communications, 2018, 54, 13447-13450. | 4.1 | 22 |
| 74 | In situ helicity inversion of self-assembled nano-helices. Chemical Communications, 2015, 51, 3518-3521. | 4.1 | 21 |
| 75 | Design and synthesis of novel organometallic dyes for NiO sensitization and photo-electrochemical applications. Dalton Transactions, 2016, 45, 12539-12547. | 3.3 | 21 |
| 76 | Structural and morphological diversity of self-assembled synthetic Î³-amino acid containing peptides. Organic and Biomolecular Chemistry, 2016, 14, 4089-4102. | 2.8 | 20 |
| 77 | Quaterpyrroles as Building Blocks for the Synthesis of Expanded Porphyrins. Organic Letters, 2015, 17, 2194-2197. | 4.6 | 19 |
| 78 | Selective Encapsulation of Disaccharide Xylobiose by an Aromatic Foldamer Helical Capsule. Angewandte Chemie, 2018, 130, 13730-13734. | 2.0 | 19 |
| 79 | Aromatic oligoamide foldamers as versatile scaffolds for induced circularly polarized luminescence at adjustable wavelengths. Chemical Communications, 2019, 55, 9825-9828. | 4.1 | 19 |
| 80 | Identification of NLR-associated Amyloid Signaling Motifs in Bacterial Genomes. Journal of Molecular Biology, 2020, 432, 6005-6027. | 4.2 | 19 |
| 81 | Bacteria associated with wood tissues of Escaâ€diseased grapevines: functional diversity and synergy with Fomitiporia mediterranea to degrade wood components. Environmental Microbiology, 2021, 23, 6104-6121. | 3.8 | 19 |
| 82 | Light-mediated chiroptical switching of an achiral foldamer host in presence of a carbohydrate guest. Chemical Communications, 2021, 57, 93-96. | 4.1 | 18 |
| 83 | Structures of Pathological and Functional Amyloids and Prions, a Solid-State NMR Perspective. Frontiers in Molecular Neuroscience, 2021, 14, 670513. | 2.9 | 18 |
| 84 | Influence of achiral units with gem-dimethyl substituents on the helical character of aliphatic oligourea foldamers. Chemical Communications, 2013, 49, 7415. | 4.1 | 16 |
| 85 | Electronic Energy Transfer Modulation in a Dynamic Foldaxane: Proofâ€ofâ€Principle of a Lifetimeâ€Based Conformation Probe. Angewandte Chemie, 2016, 128, 1350-1355. | 2.0 | 16 |
| 86 | Interplay between a Foldamer Helix and a Macrocycle in a Foldarotaxane Architecture. Angewandte Chemie - International Edition, 2021, 60, 8380-8384. | 13.8 | 16 |
| 87 | Crystallization and preliminary X-ray diffraction studies of the peptide methionine sulfoxide reductase B domain ofNeisseria meningitidisPILB. Acta Crystallographica Section D: Biological Crystallography, 2002, 58, 1467-1469. | 2.5 | 15 |
| 88 | Synthesis of 1,8-Diazaanthracenes as Building Blocks for Internally Functionalized Aromatic Oligoamide Foldamers. Journal of Organic Chemistry, 2014, 79, 2115-2122. | 3.2 | 15 |
| 89 | Allosteric Recognition of Homomeric and Heteromeric Pairs of Monosaccharides by a Foldamer Capsule. Angewandte Chemie, 2020, 132, 5846-5854. | 2.0 | 15 |
| 90 | Study of the oxidation of 3-hydroxypyrroloindoles to pyrrolobenzoxazine alkaloids. Tetrahedron, 2011, 67, 9899-9908. | 1.9 | 14 |

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| 91 | Development of Domino Processes by Using 7â€Silylcycloheptatrienes and Its Analogues. Chemistry - A European Journal, 2012, 18, 11976-11986. | 3.3 | 14 |
| 92 | Unambiguous structure of atractyloside and carboxyatractyloside. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 2973-2975. | 2.2 | 14 |
| 93 | [2]Rotaxanes comprising a macrocylic Hamilton receptor obtained using active template synthesis: synthesis and guest complexation. Supramolecular Chemistry, 2016, 28, 733-741. | 1.2 | 13 |
| 94 | Largeâ€Amplitude Conformational Changes in Selfâ€Assembled Multiâ€Stranded Aromatic Sheets. Angewandte Chemie - International Edition, 2021, 60, 2574-2577. | 13.8 | 13 |
| 95 | The X-ray Structure of the N-terminal Domain of PILB from Neisseria meningitidis Reveals a Thioredoxin-fold. Journal of Molecular Biology, 2006, 358, 443-454. | 4.2 | 12 |
| 96 | Electrochemical Synthesis and Characterisation of Alternating Tripyridylâ€“Dipyrrole Molecular Strands with Multiple Nitrogenâ€Based Donorâ€“Acceptor Binding Sites. Chemistry - A European Journal, 2010, 16, 11876-11889. | 3.3 | 12 |
| 97 | Multivalent Interactions between an Aromatic Helical Foldamer and a DNA Gâ€Quadruplex in the Solid State. ChemBioChem, 2016, 17, 1911-1914. | 2.6 | 12 |
| 98 | Structure elucidation of the Pribnow box consensus promoter sequence by racemic DNA crystallography. Nucleic Acids Research, 2016, 44, 5936-5943. | 14.5 | 12 |
| 99 | Synthesis and Folding Propensity of Aliphatic Oligoureas Containing Repeats of Proline-Type Units. Journal of Organic Chemistry, 2014, 79, 5494-5502. | 3.2 | 11 |
| 100 | Isothermal crystallization of anhydrous milk fat in presence of free fatty acids and their esters: From nanostructure to textural properties. Food Chemistry, 2022, 366, 130533. | 8.2 | 11 |
| 101 | A highly stable double helix of aromatic oligoamide comprised of fused ring aromatic units. Tetrahedron, 2012, 68, 4479-4484. | 1.9 | 10 |
| 102 | 3D and 2D supramolecular assemblies and thermotropic behaviour of a carbo-benzenic mesogen. Chemical Communications, 2017, 53, 5902-5905. | 4.1 | 10 |
| 103 | Multiturn Hollow Helices: Synthesis and Folding of Long Aromatic Oligoamides. Organic Letters, 2020, 22, 6938-6942. | 4.6 | 10 |
| 104 | Lightâ€Controlled Conformational Switch of an Aromatic Oligoamide Foldamer. Angewandte Chemie, 2019, 131, 8147-8151. | 2.0 | 8 |
| 105 | New Photomagnetic Ionic Salts Based on [MoIV(CN)8]4â^' and [WIV(CN)8]4â^' Anions. Magnetochemistry, 2021, 7, 97. | 2.4 | 8 |
| 106 | Sensing a binding event through charge transport variations using an aromatic oligoamide capsule. Chemical Science, 2021, 12, 3743-3750. | 7.4 | 8 |
| 107 | Neurons with Catâ€™s Eyes: A Synthetic Strain of Î±-Synuclein Fibrils Seeding Neuronal Intranuclear Inclusions. Biomolecules, 2022, 12, 436. | 4.0 | 8 |
| 108 | Stabilization of an Î±-helix by short adjacent accessory foldamers. Comptes Rendus Chimie, 2016, 19, 123-131. | 0.5 | 7 |

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| 109 | Stable 5,5â€²-Substituted 2,2â€²-Bipyrroles: Building Blocks for Macrocyclic and Materials Chemistry. Journal of Organic Chemistry, 2017, 82, 6904-6912. | 3.2 | 7 |
| 110 | Carboâ€biphenyls and Carboâ€terphenyls: Oligo(phenylene ethynylene) Ring Carboâ€mers. Angewandte Chemie - International Edition, 2018, 57, 5640-5644. | 13.8 | 7 |
| 111 | Aromatic foldamers as scaffolds for metal second coordination sphere design. Chemical Science, 2020, 11, 12178-12186. | 7.4 | 7 |
| 112 | Absolute handedness control of oligoamide double helices by chiral oxazolylaniline induction. Organic and Biomolecular Chemistry, 2020, 18, 6643-6650. | 2.8 | 7 |
| 113 | Stable pseudo[3]rotaxanes with strong positive binding cooperativity based on shape-persistent aromatic oligoamide macrocycles. Chemical Communications, 2021, 57, 11645-11648. | 4.1 | 7 |
| 114 | [3]Foldarotaxane-mediated synthesis of an improbable [2]rotaxane. Chemical Communications, 2022, 58, 8618-8621. | 4.1 | 7 |
| 115 | An activated building block for the introduction of the histidine side chain in aliphatic oligourea foldamers. Tetrahedron, 2012, 68, 4492-4500. | 1.9 | 6 |
| 116 | Understanding the conformational analysis of gababutin based hybrid peptides. Organic and Biomolecular Chemistry, 2018, 16, 1728-1735. | 2.8 | 6 |
| 117 | Hybrid Sequences that Express both Aromatic Amide and Î±â€Peptidic Folding Features. ChemPlusChem, 2020, 85, 1580-1586. | 2.8 | 6 |
| 118 | Slow kinetic evolution of nanohelices based on gemini surfactant self-assemblies with various enantiomeric excess; chiral segregation towards a racemic mixture. Materials Chemistry Frontiers, 2021, 5, 3021-3028. | 5.9 | 6 |
| 119 | Crystallization and preliminary X-ray studies of the glutaredoxin from poplar in complex with glutathione. Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 1043-1045. | 2.5 | 5 |
| 120 | Partial Prion Cross-Seeding between Fungal and Mammalian Amyloid Signaling Motifs. MBio, 2021, 12, . | 4.1 | 5 |
| 121 | Preparative enantiomeric separation of new selective CB<sub>2</sub> receptor agonists by liquid chromatography on polysaccharideâ€based chiral stationary phases: Determination of enantiomeric purity and assignment of absolute stereochemistry by Xâ€ray structure analysis. Chirality, 2011, 23, 389-396. | 2.6 | 4 |
| 122 | Photolariats: synthesis, metal ion complexation and photochromism. Supramolecular Chemistry, 2012, 24, 462-472. | 1.2 | 4 |
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| 124 | Anion Recognition by Aliphatic Helical Oligoureas. Chemistry - A European Journal, 2016, 22, 15549-15549. | 3.3 | 3 |
| 125 | Postelongation Strategy for the Introduction of Guanidinium Units in the Main Chain of Helical Oligourea Foldamers. Journal of Organic Chemistry, 2018, 83, 2530-2541. | 3.2 | 3 |
| 126 | Carboâ€biphenyls and Carboâ€terphenyls: Oligo(phenylene ethynylene) Ring Carboâ€mers. Angewandte Chemie, 2018, 130, 5742-5746. | 2.0 | 3 |

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| 127 | Symmetry Decrease between Selfâ€Assembled Circular TiO 4 N 2 â€Based Helicates. European Journal of Inorganic Chemistry, 2020, 2020, 3527-3531. | 2.0 | 3 |
| 128 | Mechanism of Reconstitution/Activation of the Soluble PQQ-Dependent Glucose Dehydrogenase from Acinetobacter calcoaceticus: A Comprehensive Study. ACS Omega, 2020, 5, 2015-2026. | 3.5 | 3 |
| 129 | Umfangreiche KonformationsÃnderungen in selbstassemblierten mehrstrÃngigen aromatischen FaltblÃttern. Angewandte Chemie, 2021, 133, 2605-2609. | 2.0 | 3 |
| 130 | Self-assembling figure-of-eight and pseudoplectoneme aromatic oligoamide ribbons. Chemical Communications, 2022, 58, 5789-5792. | 4.1 | 3 |
| 131 | Expanding the carbo â€Benzene Chemical Space for Electronâ€Accepting Ability: Trifluorotolyl/Tertiobutyl Substitution Balance. Helvetica Chimica Acta, 2019, 102, e1900049. | 1.6 | 2 |
| 132 | Linear and nonlinear optical properties of a quadrupolar carbo-benzene and its benzenic parent: The carbo-merization effect. Dyes and Pigments, 2021, 188, 109133. | 3.7 | 2 |
| 133 | Carbo â€mer of Barrelene: A Rigid 3Dâ€Carbonâ€Expanded Molecular Barrel. Chemistry - A European Journal, 2021, 27, 9286-9291. | 3.3 | 2 |
| 134 | Selective and Cooperative Photocycloadditions within Multistranded Aromatic Sheets. Journal of the American Chemical Society, 2022, , . | 13.7 | 2 |
| 135 | Synthesis and Characterization of Vanillin-Based Ï€-Conjugated Polyazomethines and Their Oligomer Model Compounds. Molecules, 2022, 27, 4138. | 3.8 | 2 |
| 136 | N-(tert-Butyloxycarbonylamino)phthalimide. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o934-o935. | 0.2 | 1 |
| 137 | Synthetic water soluble di-/tritopic molecular receptors exhibiting Ca2+/Mg2+ exchange. Organic and Biomolecular Chemistry, 2017, 15, 4367-4374. | 2.8 | 1 |
| 138 | Five-component, one-pot synthesis of an electroactive rotaxane comprising a bisferrocene macrocycle. Beilstein Journal of Organic Chemistry, 2020, 16, 1564-1571. | 2.2 | 1 |
| 139 | Interplay between a Foldamer Helix and a Macrocycle in a Foldarotaxane Architecture. Angewandte Chemie, 2021, 133, 8461-8465. | 2.0 | 1 |
| 140 | An alternate [2Ã—2] grid constructed around TiO4N2 units. Chemistry - A European Journal, 2022, , . | 3.3 | 1 |
| 141 | Racemic DNA crystallography: advantages and applications. Acta Crystallographica Section A: Foundations and Advances, 2016, 72, s50-s51. | 0.1 | 0 |
| 142 | Functionalized 1,8â€Diazaiptycenes as Monomers for Aromatic Oligoamide Foldamers. ChemPlusChem, 2021, 86, 1162-1166. | 2.8 | 0 |
| 143 | Racemic crystal structures of A-DNA duplexes. Acta Crystallographica Section D: Structural Biology, 2022, 78, 709-715. | 2.3 | 0 |