

François Diederich

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8113466/publications.pdf>

Version: 2024-02-01

624
papers

54,643
citations

1980

101
h-index

2233

201
g-index

735
all docs

735
docs citations

735
times ranked

31697
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorine in Pharmaceuticals: Looking Beyond Intuition. <i>Science</i> , 2007, 317, 1881-1886.	6.0	5,470
2	Interactions with Aromatic Rings in Chemical and Biological Recognition. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1210-1250.	7.2	3,213
3	Acetylenic Coupling: A Powerful Tool in Molecular Construction. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2632-2657.	7.2	1,414
4	Aromatic Rings in Chemical and Biological Recognition: Energetics and Structures. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4808-4842.	7.2	1,317
5	Linear Monodisperse π -Conjugated Oligomers: Model Compounds for Polymers and More. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1350-1377.	7.2	886
6	Characterization of the soluble all-carbon molecules C ₆₀ and C ₇₀ . <i>The Journal of Physical Chemistry</i> , 1990, 94, 8630-8633.	2.9	820
7	Supramolecular fullerene chemistry. <i>Chemical Society Reviews</i> , 1999, 28, 263-277.	18.7	733
8	Synthetic Approaches toward Molecular and Polymeric Carbon Allotropes. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1101-1123.	4.4	617
9	Wechselwirkungen mit aromatischen Ringen in chemischen und biologischen Erkennungsprozessen. <i>Angewandte Chemie</i> , 2003, 115, 1244-1287.	1.6	547
10	Molecular Recognition in Chemical and Biological Systems. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3290-3327.	7.2	491
11	Structural Aspects of Fullerene Chemistry A Journey through Fullerene Chirality. <i>Chemical Reviews</i> , 2006, 106, 5049-5135.	23.0	472
12	Carbon scaffolding: building acetylenic all-carbon and carbon-rich compounds. <i>Nature</i> , 1994, 369, 199-207.	13.7	460
13	Orthogonal Multipolar Interactions in Structural Chemistry and Biology. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1788-1805.	7.2	454
14	Systematic Investigation of Halogen Bonding in Protein-Ligand Interactions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 314-318.	7.2	427
15	Predicting and Tuning Physicochemical Properties in Lead Optimization: Amine Basicities. <i>ChemMedChem</i> , 2007, 2, 1100-1115.	1.6	423
16	Isolation of C ₇₆ , a chiral (D ₂) allotrope of carbon. <i>Nature</i> , 1991, 353, 149-153.	13.7	416
17	Complexation of Neutral Molecules by Cyclophane Hosts. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 362-386.	4.4	412
18	Acetylene-Derived Strong Organic Acceptors for Planar and Nonplanar Push-Pull Chromophores. <i>Accounts of Chemical Research</i> , 2009, 42, 235-248.	7.6	368

#	ARTICLE	IF	CITATIONS
19	Beyond C60: the higher fullerenes. <i>Accounts of Chemical Research</i> , 1992, 25, 119-126.	7.6	362
20	Functional Dendrimers: Unique Biological Mimics. <i>Chemistry - A European Journal</i> , 1998, 4, 1353-1361.	1.7	352
21	Allenes in Molecular Materials. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2818-2828.	7.2	330
22	All- π -Carbon Scaffolds by Rational Design. <i>Advanced Materials</i> , 2010, 22, 803-812.	11.1	316
23	Templated Regioselective and Stereoselective Synthesis in Fullerene Chemistry. <i>Accounts of Chemical Research</i> , 1999, 32, 537-545.	7.6	273
24	Dendritic Porphyrins: Modulating Redox Potentials of Electroactive Chromophores with Pendant Multifunctionality. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1739-1742.	4.4	264
25	Supramolecular [60]fullerene chemistry on surfaces. <i>Chemical Society Reviews</i> , 2007, 36, 390-414.	18.7	262
26	Phosphate Recognition in Structural Biology. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 338-352.	7.2	260
27	Strength of molecular complexation of apolar solutes in water and in organic solvents is predictable by linear free energy relationships: a general model for solvation effects on apolar binding. <i>Journal of the American Chemical Society</i> , 1990, 112, 339-343.	6.6	259
28	Donor-Substituted 1,1,4,4-Tetracyanobutadienes (TCBDs): New Chromophores with Efficient Intramolecular Charge-Transfer Interactions by Atom-Economic Synthesis. <i>Chemistry - A European Journal</i> , 2006, 12, 1889-1905.	1.7	258
29	Non-planar push-pull chromophores. <i>Chemical Communications</i> , 2010, 46, 1994.	2.2	250
30	Structure-Property Relationships in Third-Order Nonlinear Optical Chromophores. <i>Journal of Physical Chemistry B</i> , 1998, 102, 4451-4465.	1.2	249
31	Steroids in Molecular Recognition. <i>Chemical Reviews</i> , 1997, 97, 1567-1608.	23.0	248
32	Strategien zum Aufbau molekularer und polymerer Kohlenstoffallotrope. <i>Angewandte Chemie</i> , 1992, 104, 1123-1146.	1.6	241
33	A new class of organic donor-acceptor molecules with large third-order optical nonlinearities. <i>Chemical Communications</i> , 2005, , 737-739.	2.2	240
34	Enthalpically driven cyclophane-arene inclusion complexation: solvent-dependent calorimetric studies. <i>Journal of the American Chemical Society</i> , 1991, 113, 5420-5426.	6.6	239
35	Conjugated Oligoenynes Based on the Diethynylethene Unit. <i>Chemical Reviews</i> , 2005, 105, 1837-1868.	23.0	232
36	Determination of End-to-End Distances in a Series of TEMPO Diradicals of up to 2.8 nm Length with a New Four-Pulse Double Electron Resonance Experiment. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2833-2837.	7.2	218

#	ARTICLE	IF	CITATIONS
37	Regio- and Diastereoselective Bisfunctionalization of C60 and Enantioselective Synthesis of a C60 Derivative with a Chiral Addition Pattern. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 2101-2103.	4.4	216
38	Tether-Directed Remote Functionalization of Buckminsterfullerene: Regiospecific Hexaadduct Formation. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 2339-2342.	4.4	203
39	1,1-Dicyano-4-(diethylamino)phenyl]buta-1,3-dienes: Structure-Property Relationships. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2756-2765.	1.2	202
40	A Fluorine Scan of Thrombin Inhibitors to Map the Fluorophilicity/Fluorophobicity of an Enzyme Active Site: Evidence for C-F...C=O Interactions. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2507-2511.	4.2	185
41	Benzenoid versus Annulene Aromaticity: Synthesis and Properties of Kekulene. <i>Angewandte Chemie International Edition in English</i> , 1978, 17, 372-374.	4.4	182
42	Carbon-rich acetylenic scaffolding: rods, rings and switches. <i>Chemical Communications</i> , 2001, , 219-227.	2.2	182
43	A Weak Attractive Interaction between Organic Fluorine and an Amide Group. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5056-5059.	7.2	182
44	Synthesis of a Fullerene Derivative of Benzo[18]crown-6 by Diels-Alder Reaction: Complexation Ability, Amphiphilic Properties, and X-Ray Crystal Structure of a Dimethoxy-1,9-(methano[1,2]benzenomethano)fullerene[60] Benzene Clathrate. <i>Helvetica Chimica Acta</i> , 1993, 76, 2445-2453.	1.0	181
45	Supramolecular Patterned Surfaces Driven by Cooperative Assembly of C60 and Porphyrins on Metal Substrates. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4759-4763.	7.2	181
46	Amphiphilic Dendrimers: Novel Self-Assembling Vectors for Efficient Gene Delivery. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1486-1490.	7.2	171
47	Macrocyclization on the fullerene core: Direct regio- and diastereoselective multi-functionalization of [60]fullerene, and synthesis of fullerene-dendrimer derivatives. <i>Helvetica Chimica Acta</i> , 1997, 80, 2238-2276.	1.0	168
48	The higher oxides of carbon C _{8n} O _{2n} (n = 3-5): synthesis, characterization, and x-ray crystal structure. Formation of cyclo[n]carbon ions C _n ⁺ (n = 18, 24), C _n ⁻ (n = 18, 24, 30), and higher carbon ions including C ₆₀ ⁺ in laser desorption Fourier transform mass spectrometric experiments. <i>Journal of the American Chemical Society</i> , 1991, 113, 495-500.	6.6	167
49	Dendritic vectors for gene transfection. <i>New Journal of Chemistry</i> , 2007, 31, 1111-1127.	1.4	166
50	Charge-Transfer Interactions in Face-to-Face Porphyrin-Fullerene Systems: Solvent-Dependent Luminescence in the Infrared Spectral Region. <i>Chemistry - A European Journal</i> , 2000, 6, 1629-1645.	1.7	165
51	Cyclophane zur Komplexierung von Neutalmolekülen. <i>Angewandte Chemie</i> , 1988, 100, 372-396.	1.6	164
52	A Novel Three-Way Chromophoric Molecular Switch: pH and Light Controllable Switching Cycles. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 674-678.	7.2	164
53	Solution-spray flash vacuum pyrolysis: a new method for the synthesis of linear polyynes with odd numbers of C-C bonds from substituted 3,4-dialkynyl-3-cyclobutene-1,2-diones. <i>Journal of the American Chemical Society</i> , 1991, 113, 6943-6949.	6.6	160
54	Fullerene-acetylene hybrids: Towards a novel class of molecular carbon allotropes. <i>Tetrahedron</i> , 1996, 52, 4925-4947.	1.0	160

#	ARTICLE	IF	CITATIONS
55	Stable Langmuir and Langmuir-Blodgett Films of Fullerene-Glycodendron Conjugates. <i>Langmuir</i> , 1998, 14, 1955-1959.	1.6	158
56	A Copper(I)-Complexed Rotaxane with Two Fullerene Stoppers: Synthesis, Electrochemistry, and Photoinduced Processes. <i>Chemistry - A European Journal</i> , 1998, 4, 406-416.	1.7	157
57	Cyclophane-arene inclusion complexation in protic solvents: solvent effects versus electron donor-acceptor interactions. <i>Journal of the American Chemical Society</i> , 1991, 113, 5410-5419.	6.6	153
58	Halogen Bonding Molecular Capsules. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12339-12344.	7.2	152
59	Water-Soluble Dendritic Iron Porphyrins: Synthetic Models of Globular Heme Proteins. <i>Angewandte Chemie International Edition in English</i> , 1996, 34, 2725-2728.	4.4	146
60	Silicon Organic Hybrid Technology - A Platform for Practical Nonlinear Optics. <i>Proceedings of the IEEE</i> , 2009, 97, 1304-1316.	16.4	145
61	A New Family of Chiral Binaphthyl-Derived Cyclophane Receptors: Complexation of Pyranosides. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1596-1600.	4.4	144
62	A High-Quality Optical Supramolecular Assembly for Third-Order Integrated Nonlinear Optics. <i>Advanced Materials</i> , 2008, 20, 4584-4587.	11.1	138
63	Fluorine Interactions at the Thrombin Active Site: Protein Backbone Fragments H ₁₂ C ₁₅ C ₁₅ O Comprise a Favorable C-F Environment and Interactions of C-F with Electrophiles. <i>ChemBioChem</i> , 2004, 5, 666-675.	1.3	136
64	A Supramolecular Multiposition Rotary Device. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4089-4092.	7.2	131
65	Organic Super-Acceptors with Efficient Intramolecular Charge-Transfer Interactions by [2+2] Cycloadditions of TCNE, TCNQ, and F ₄ -TCNQ to Donor-Substituted Cyanoalkynes. <i>Chemistry - A European Journal</i> , 2009, 15, 4111-4123.	1.7	127
66	Synthesis, and Optical and Electrochemical Properties of Cyclophane-Type Molecular Dyads Containing a Porphyrin in Close, Tangential Orientation Relative to the Surface of trans-1 Functionalized C ₆₀ . Preliminary Communication. <i>Helvetica Chimica Acta</i> , 1998, 81, 1835-1844.	1.0	125
67	Dendrimers with Porphyrin Cores: Synthetic models for globular heme proteins. <i>Helvetica Chimica Acta</i> , 1997, 80, 1773-1801.	1.0	124
68	Exceptional Redox and Photophysical Properties of a Triply Fused Diporphyrin-C ₆₀ Conjugate: Novel Scaffolds for Multicharge Storage in Molecular Scale Electronics. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4966-4970.	7.2	124
69	A novel reaction of 7,7,8,8-tetracyanoquinodimethane (TCNQ): charge-transfer chromophores by [2 + 2] cycloaddition with alkynes. <i>Chemical Communications</i> , 2007, , 4731.	2.2	123
70	Charge-Transfer Chromophores by Cycloaddition-Retroelectrocyclization: Multivalent Systems and Cascade Reactions. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6357-6360.	7.2	121
71	The Covalent Chemistry of Higher Fullerenes: C ₇₀ and Beyond. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2268-2280.	4.4	120
72	Bis- through Tetrakis-Adducts of C ₆₀ by Reversible Tether-Directed Remote Functionalization and systematic investigation of the changes in fullerene properties as a function of degree, pattern, and nature of functionalization. <i>Helvetica Chimica Acta</i> , 1997, 80, 343-371.	1.0	120

#	ARTICLE	IF	CITATIONS
73	The [2+2] Cycloaddition-Retroelectrocyclization (CA-RE) Click Reaction: Facile Access to Molecular and Polymeric Push-Pull Chromophores. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3552-3577.	7.2	120
74	Triply Fused Zn-Porphyrin Oligomers: Synthesis, Properties, and Supramolecular Interactions with Single-Walled Carbon Nanotubes (SWNTs). <i>Chemistry - A European Journal</i> , 2006, 12, 6062-6070.	1.7	119
75	Property Tuning in Charge-Transfer Chromophores by Systematic Modulation of the Spacer between Donor and Acceptor. <i>Chemistry - A European Journal</i> , 2007, 13, 5378-5387.	1.7	119
76	Helicene Quinones: Redox-Triggered Chiroptical Switching and Chiral Recognition of the Semiquinone Radical Anion Lithium Salt by Electron Nuclear Double Resonance Spectroscopy. <i>Journal of the American Chemical Society</i> , 2014, 136, 13045-13052.	6.6	119
77	Synthesis and crystal structure of a stable hexacobalt complex of cyclo[18]carbon. <i>Journal of the American Chemical Society</i> , 1990, 112, 4966-4968.	6.6	118
78	Preparation of Enantiomerically Pure C76 with a General Electrochemical Method for the Removal of Di(alkoxycarbonyl)methano Bridges from Methanofullerenes: The Retro-Bingel Reaction. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1919-1922.	7.2	118
79	Orthogonal dipolar interactions between amide carbonyl groups. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17290-17294.	3.3	118
80	Electrochemistry of Mono- through Hexakis-adducts of C60. <i>Helvetica Chimica Acta</i> , 1995, 78, 1334-1344.	1.0	117
81	Supramolecular Capsules: Strong versus Weak Chalcogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 17259-17264.	7.2	117
82	Tetraethynylethenes: Fully cross-conjugated π -electron chromophores and molecular scaffolds for all-carbon networks and carbon-rich nanomaterials. <i>Helvetica Chimica Acta</i> , 1995, 78, 13-45.	1.0	116
83	The Impact of Antiaromatic Subunits in [4 <i>n</i> +2] π -Systems: Bispentalenes with [4 <i>n</i> +2] π -Electron Perimeters and Antiaromatic Character. <i>Journal of the American Chemical Society</i> , 2015, 137, 7178-7188.	6.6	115
84	Molecular Torsion Balances: Evidence for Favorable Orthogonal Dipolar Interactions Between Organic Fluorine and Amide Groups. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8270-8273.	7.2	114
85	Halogen Bonding of (Iodoethynyl)benzene Derivatives in Solution. <i>Organic Letters</i> , 2014, 16, 4722-4725.	2.4	114
86	Precursors to the cyclo[n]carbons: from 3,4-dialkynyl-3-cyclobutene-1,2-diones and 3,4-dialkynyl-3-cyclobutene-1,2-diols to cyclobutenodehydroannulenes and higher oxides of carbon. <i>Journal of the American Chemical Society</i> , 1990, 112, 1607-1617.	6.6	113
87	Synthetic Routes to the Cyclo[n]carbons. <i>Helvetica Chimica Acta</i> , 1994, 77, 1441-1457.	1.0	113
88	Molecular Recognition with Resorcin[4]arene Cavitands: Switching, Halogen-Bonded Capsules, and Enantioselective Complexation. <i>Journal of the American Chemical Society</i> , 2018, 140, 2705-2717.	6.6	113
89	Dendritic Iron Porphyrins with Tethered Axial Ligands: New Model Compounds for Cytochromes. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3215-3219.	7.2	112
90	Halogen Bonding at the Active Sites of Human Cathepsin...L and MEK1 Kinase: Efficient Interactions in Different Environments. <i>ChemMedChem</i> , 2011, 6, 2048-2054.	1.6	111

#	ARTICLE	IF	CITATIONS
91	Chemistry of the Higher Fullerenes: Preparative isolation of C ₇₆ by HPLC and synthesis, separation, and characterization of Diels-Alder monoadducts of C ₇₀ and C ₇₆ . <i>Helvetica Chimica Acta</i> , 1994, 77, 1689-1706.	1.0	110
92	Prospective Evaluation of Free Energy Calculations for the Prioritization of Cathepsin L Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 2485-2497.	2.9	110
93	Supramolecular Dendrimer Chemistry: A Journey Through the Branched Architecture. <i>Topics in Current Chemistry</i> , 2000, , 183-227.	4.0	109
94	Fullerene-Acetylene Hybrids: On the Way to Synthetic Molecular Carbon Allotropes. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1366-1368.	4.4	107
95	Development of Redox-Switchable Resorcin[4]arene Cavitands. <i>Accounts of Chemical Research</i> , 2014, 47, 2096-2105.	7.6	107
96	Redox-Active Self-Assembled Monolayers for Solid-Contact Polymeric Membrane Ion-Selective Electrodes. <i>Chemistry of Materials</i> , 2002, 14, 1721-1729.	3.2	106
97	Origin of Intense Intramolecular Charge-Transfer Interactions in Nonplanar Push-Pull Chromophores. <i>Chemistry - A European Journal</i> , 2009, 15, 8687-8691.	1.7	106
98	Selective Extraction of C ₇₀ by a Tetragonal Prismatic Porphyrin Cage. <i>Journal of the American Chemical Society</i> , 2018, 140, 13835-13842.	6.6	105
99	Stable [12]- and [18]Annulenes Derived from Tetraethynylethene. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 406-409.	4.4	102
100	PtII-Directed Self-Assembly of a Dinuclear Cyclophane Containing Two Fullerenes. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1916-1919.	7.2	102
101	Optical properties of highly nonlinear silicon-organic hybrid (SOH) waveguide geometries. <i>Optics Express</i> , 2009, 17, 17357.	1.7	102
102	A copper(I)-complexed rotaxane with two fullerene stoppers. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 781.	2.0	101
103	Supramolecular chemistry of dendrimers with functional cores. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4778-4781.	3.3	101
104	Quantification of Cation- π Interactions in Protein-Ligand Complexes: Crystal-Structure Analysis of Factor Xa Bound to a Quaternary Ammonium Ion Ligand. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4400-4404.	7.2	101
105	Container Molecules with Portals: Reversibly Switchable Cycloalkane Complexation. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 260-264.	7.2	99
106	Methanofullerene Molecular Scaffolding: Towards C ₆₀ -substituted poly(triacetylenes) and expanded radialenes, preparation of a C ₆₀ -C ₇₀ hybrid derivative, and a novel macrocyclization reaction. <i>Helvetica Chimica Acta</i> , 1997, 80, 293-316.	1.0	97
107	The Stability of Buckminsterfullerene (C ₆₀): Experimental Determination of the Heat of Formation. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 63-64.	4.4	96
108	Chemistry of C ₈₄ : Separation of Three Constitutional Isomers and Optical Resolution of D ₂ -C ₈₄ by Using the π -Bingel-Retro-Bingel-Strategy. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1613-1617.	7.2	96

#	ARTICLE	IF	CITATIONS
109	Regioselective Synthesis of trans-1 Fullerene Bis-Adducts Directed by a Crown Ether Tether: Alkali Metal Cation Modulated Redox Properties of Fullerene-Crown Ether Conjugates. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2118-2121.	7.2	95
110	Structure-Based Drug Design: Exploring the Proper Filling of Apolar Pockets at Enzyme Active Sites. <i>Journal of Organic Chemistry</i> , 2008, 73, 4345-4361.	1.7	95
111	A New Helicopodand: Molecular Recognition of Dicarboxylic Acids with High Diastereoselectivity. <i>Helvetica Chimica Acta</i> , 1993, 76, 2757-2774.	1.0	94
112	Synthesis of a Fullerene[60] Cryptate and Systematic Langmuir-Blodgett and Thin-Film Investigations of Amphiphilic Fullerene Derivatives. <i>Chemistry - A European Journal</i> , 1995, 1, 243-251.	1.7	94
113	Self-Assembly and Two-Dimensional Spontaneous Resolution of Cyano-Functionalized [7]Helicenes on Cu(111). <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9982-9986.	7.2	94
114	Dendrophanes: Water-Soluble Dendritic Receptors. Preliminary communication. <i>Helvetica Chimica Acta</i> , 1995, 78, 1904-1912.	1.0	92
115	Bucky Ligands: Synthesis, Ruthenium(II) Complexes, and Electrochemical Properties. <i>Chemistry - A European Journal</i> , 1998, 4, 723-733.	1.7	92
116	A fluorine scan of the phenylamidinium needle of tricyclic thrombin inhibitors: effects of fluorine substitution on pKa and binding affinity and evidence for intermolecular C ^δ -F ^δ -CN interactions. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1339-1352.	1.5	92
117	Halogen-Bonded Supramolecular Capsules in the Solid State, in Solution, and in the Gas Phase. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1152-1157.	7.2	92
118	Geometrically Precisely Defined Multinanometer Expansion/Contraction Motions in a Resorcin[4]arene Cavitand Based Molecular Switch. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4635-4638.	7.2	91
119	Donor-Substituted Cyanoethynylethenes: π -Conjugation and Band-Gap Tuning in Strong Charge-Transfer Chromophores. <i>Chemistry - A European Journal</i> , 2005, 11, 3325-3341.	1.7	91
120	Substituent Effects in Parallel-Displaced π - π Stacking Interactions: Distance Matters. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11252-11257.	7.2	91
121	Expanded Radialenes: A Novel Class of Cross-Conjugated Macrocycles. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 468-471.	4.4	90
122	Multiple Adducts of C60 by Tether-Directed Remote Functionalization and synthesis of soluble derivatives of new carbon allotropes Cn(60+5). <i>Helvetica Chimica Acta</i> , 1997, 80, 317-342.	1.0	90
123	Modification of Supramolecular Binding Motifs Induced By Substrate Registry: Formation of Self-Assembled Macrocycles and Chain-Like Patterns. <i>Chemistry - A European Journal</i> , 2009, 15, 11139-11150.	1.7	89
124	Molecular recognition at the thrombin active site: structure-based design and synthesis of potent and selective thrombin inhibitors and the X-ray crystal structures of two thrombin-inhibitor complexes. <i>Chemistry and Biology</i> , 1997, 4, 287-295.	6.2	88
125	Catalytic Dendrophanes as Enzyme Mimics: Synthesis, Binding Properties, Micropolarity Effect, and Catalytic Activity of Dendritic Thiazolio-cyclophanes. <i>Helvetica Chimica Acta</i> , 1999, 82, 1066-1095.	1.0	88
126	Extended conjugation and donor-acceptor substitution to improve the third-order optical nonlinearity of small molecules. <i>Applied Physics Letters</i> , 2007, 90, 251106.	1.5	88

#	ARTICLE	IF	CITATIONS
127	New strong organic acceptors by cycloaddition of TCNE and TCNQ to donor-substituted cyanoalkynes. <i>Chemical Communications</i> , 2007, , 4898.	2.2	88
128	Multiple Cyclopropanations of C70. Synthesis and characterization of bis-, tris-, and tetrakis-adducts and chiroptical properties of bis-adducts with chiral addends, including a recommendation for the configurational description of fullerene derivatives w. <i>Helvetica Chimica Acta</i> , 1995, 78, 1673-1704.	1.0	86
129	Conformational Switching of Resorcin[4]arene Cavitands by Protonation, Preliminary Communication. <i>Helvetica Chimica Acta</i> , 2001, 84, 2146-2153.	1.0	86
130	Molecular Clefs Derived from 9,9- ϵ^2 -spirobi[9H-fluorene] for enantioselective complexation of pyranosides and dicarboxylic acids. <i>Helvetica Chimica Acta</i> , 1995, 78, 367-390.	1.0	85
131	Structure-property relationships in nonlinear optical tetraethynylethenes. <i>Advanced Materials</i> , 1996, 8, 231-234.	11.1	85
132	Photoswitchable Tetraethynylethene-Dihydroazulene Chromophores. <i>Helvetica Chimica Acta</i> , 2001, 84, 743-777.	1.0	85
133	Pentafluorosulfanyl as a Novel Building Block for Enzyme Inhibitors: Trypanothione Reductase Inhibition and Antiprotozoal Activities of Diarylamines. <i>ChemBioChem</i> , 2009, 10, 79-83.	1.3	85
134	Electronic Characteristics of Arylated Tetraethynylethenes: A Cooperative Computational and Electrochemical Investigation. <i>Journal of the American Chemical Society</i> , 1997, 119, 2069-2078.	6.6	84
135	Highly Functionalized Dimeric Tetraethynylethenes and Expanded Radialenes: Strong Evidence for Macrocyclic Cross-Conjugation. <i>Chemistry - A European Journal</i> , 2001, 7, 3263-3280.	1.7	84
136	Starving the Malaria Parasite: Inhibitors Active against the Aspartic Proteases Plasmeepsins I, II, and IV. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2138-2141.	7.2	84
137	Benzoide versus annulenoide Aromatizität: Synthese und Eigenschaften des Kekulens. <i>Angewandte Chemie</i> , 1978, 90, 383-385.	1.6	83
138	Solubilized Derivatives of C195 and C260: The First Members of a New Class of Carbon Allotropes Cn(60+ 5). <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1466-1469.	4.4	83
139	Poly(triacetylene) Oligomers: Synthesis, Characterization, and Estimation of the Effective Conjugation Length by Electrochemical, UV/Vis, and Nonlinear Optical Methods. <i>Chemistry - A European Journal</i> , 1997, 3, 1505-1512.	1.7	83
140	Charge-Transfer Interactions in Face-to-Face Porphyrin-Fullerene Systems: Solvent-Dependent Luminescence in the Infrared Spectral Region. <i>Chemistry - A European Journal</i> , 2000, 6, 1629-1645.	1.7	83
141	Tetraethynylethene. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 698-700.	4.4	82
142	Spacer-kontrollierte Fernfunktionalisierung von Buckminsterfullerenen: regiospezifische Bildung eines Hexaadduktes. <i>Angewandte Chemie</i> , 1994, 106, 2434-2437.	1.6	82
143	Linear and Cyclic Platinum η^5 -Acetylide Complexes of Tetraethynylethene. <i>Chemistry - A European Journal</i> , 1995, 1, 111-117.	1.7	81
144	Tetrakis(phenylamidinium)-Substituted Resorcin[4]arene Receptors for the Complexation of Dicarboxylates and Phosphates in Protic Solvents. <i>Helvetica Chimica Acta</i> , 2000, 83, 93-113.	1.0	81

#	ARTICLE	IF	CITATIONS
145	Dramatically Enhanced Fluorescence of Heteroaromatic Chromophores upon Insertion as Spacers into Oligo(triacetylene)s. <i>Helvetica Chimica Acta</i> , 2002, 85, 2195.	1.0	81
146	1,2,3-Triazoles as Conjugative π -Linkers in Push~Pull Chromophores: Importance of Substituent Positioning on Intramolecular Charge-Transfer. <i>Organic Letters</i> , 2008, 10, 3347-3350.	2.4	81
147	An Enantiomerically Pure Allenic Macrocycle: Synthesis and Rationalization of Its Outstanding Chiroptical Response. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5545-5548.	7.2	81
148	Stable Soluble Conjugated Carbon Rods with a Persilylethynylated Polytriacetylene Backbone. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 763-766.	4.4	80
149	Dioxygen and carbon monoxide binding in dendritic iron(ii)porphyrins. <i>Chemical Communications</i> , 1997, , 193-194.	2.2	79
150	Conformational Analysis in Solution of C ₂ -Symmetric 1,1'-Binaphthyl Derivatives by Circular Dichroism Spectroscopy and Cholesteric Induction in Nematic Mesophases. <i>Journal of Organic Chemistry</i> , 2000, 65, 5522-5527.	1.7	79
151	Nanoscale Engineering of Molecular Porphyrin Wires on Insulating Surfaces. <i>Small</i> , 2008, 4, 1115-1118.	5.2	78
152	Cation- π Interactions at the Active Site of Factor Xa: Dramatic Enhancement upon Stepwise N-Alkylation of Ammonium Ions. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 811-814.	7.2	78
153	Molecular Recognition of Pyranosides by a Family of Trimeric, 1,1'-Binaphthalene-Derived Cyclophane Receptors. <i>Helvetica Chimica Acta</i> , 1998, 81, 1931-1963.	1.0	76
154	Dendritic Iron(II) Porphyrins as Models for Hemoglobin and Myoglobin: Specific Stabilization of O ₂ Complexes in Dendrimers with H-Bond-Donor Centers. <i>Helvetica Chimica Acta</i> , 2002, 85, 333-351.	1.0	76
155	Chalcogen Bonding π - π Squares versus Competing Interactions: Exploring the Recognition Properties of Sulfur. <i>Chemistry - A European Journal</i> , 2019, 25, 323-333.	1.7	76
156	Configurational Description of Chiral Fullerenes and Fullerene Derivatives with a Chiral Functionalization Pattern. <i>Helvetica Chimica Acta</i> , 1997, 80, 183-199.	1.0	75
157	Regio- and Stereoselective Tether-Directed Remote Functionalization of C ₆₀ with Derivatives of the Trigger Base. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1738-1740.	7.2	75
158	Highly efficient third-order optical nonlinearities in donor-substituted cyanoethynylethene molecules. <i>Optics Letters</i> , 2005, 30, 3057.	1.7	75
159	Conformational Behavior of Pyrazine-Bridged and Mixed-Bridged Cavitands: A General Model for Solvent Effects on Thermal π - π Switching. <i>Chemistry - A European Journal</i> , 2006, 12, 4775-4784.	1.7	75
160	Supramolecular Synthons on Surfaces: Controlling Dimensionality and Periodicity of Tetraarylporphyrin Assemblies by the Interplay of Cyano and Alkoxy Substituents. <i>Chemistry - A European Journal</i> , 2008, 14, 5794-5802.	1.7	75
161	Redox-Switchable Resorcin[4]arene Cavitands: Molecular Grippers. <i>Journal of the American Chemical Society</i> , 2012, 134, 14702-14705.	6.6	75
162	Efficient Stacking on Protein Amide Fragments. <i>ChemMedChem</i> , 2013, 8, 397-404.	1.6	75

#	ARTICLE	IF	CITATIONS
163	Synthesis of the helicopodands: novel shapes for chiral clefts. <i>Journal of Organic Chemistry</i> , 1991, 56, 6787-6795.	1.7	74
164	Donor/Acceptor-Substituted Tetraethynylethenes: Systematic Assembly of Molecules for Use as Advanced Materials. <i>Helvetica Chimica Acta</i> , 1996, 79, 2249-2281.	1.0	74
165	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 2611-2615.	1.6	74
166	Self-Assembly of the First Fullerene-Containing [2]Catenane. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1448-1451.	4.4	73
167	Homochiral [2]Catenane and Bis[2]catenane from Allen-Allen Acetylenic Helicates - A Highly Selective Narcissistic Self-Sorting Process. <i>Journal of the American Chemical Society</i> , 2015, 137, 12502-12505.	6.6	73
168	Dendritische Porphyrine: Modulation des Redoxpotentials elektroaktiver Chromophore durch periphere Multifunktionalität. <i>Angewandte Chemie</i> , 1994, 106, 1821-1824.	1.6	72
169	Synthesis of Novel Nonpeptidic Thrombin Inhibitors. <i>Helvetica Chimica Acta</i> , 2000, 83, 855-909.	1.0	72
170	Acyclic Tetraethynylethene Molecular Scaffolding: Multinanometer-sized linearly conjugated rods with the poly(triacetylene) backbone and cross-conjugated expanded dendralenes. <i>Helvetica Chimica Acta</i> , 1995, 78, 779-796.	1.0	71
171	Walk on the Sphere: An Electrochemically Induced Isomerization of C ₆₀ Bis-adducts by Migration of Di(alkoxycarbonyl)methano Bridges. <i>Journal of the American Chemical Society</i> , 1998, 120, 8545-8546.	6.6	71
172	NMR Investigations into the Vase-Kite Conformational Switching of Resorcin[4]arene Cavitands. <i>Helvetica Chimica Acta</i> , 2004, 87, 449-462.	1.0	71
173	Shape-Persistent Chiral Allen-Allen Acetylenic Macrocycles and Cyclophanes by Acetylenic Scaffolding with 1,3-Diethynylallenes. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5074-5078.	7.2	71
174	Amplification of Chirality in Monodisperse, Enantiopure Allen-Allen Acetylenic Oligomers. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2247-2250.	7.2	71
175	Structural, Optical, and Electrochemical Properties of Three-Dimensional Push-Pull Corannulenes. <i>Journal of Organic Chemistry</i> , 2012, 77, 11014-11026.	1.7	71
176	Photophysical and Electrochemical Properties of meso,meso-Linked Oligoporphyrin Rods with Appended Fullerene Terminals. <i>ChemPhysChem</i> , 2005, 6, 732-743.	1.0	70
177	Synthesis of trans-1,trans-2,trans-3, and trans-4 Bisadducts of C ₆₀ by Regio- and Stereoselective Tether-Directed Remote Functionalization. <i>Chemistry - A European Journal</i> , 2005, 11, 2284-2294.	1.7	70
178	Oligoporphyrin Arrays Conjugated to [60]Fullerene: Preparation, NMR Analysis, and Photophysical and Electrochemical Properties. <i>Helvetica Chimica Acta</i> , 2005, 88, 1839-1884.	1.0	69
179	Regio- und diastereoselektive Bisfunktionalisierung von C ₆₀ -Fulleren und enantioselective Synthese eines C ₆₀ -Fullerenderivates mit chiraalem Additionsmuster. <i>Angewandte Chemie</i> , 1996, 108, 2242-2244.	1.6	68
180	Self-assembly, DNA Complexation, and pH Response of Amphiphilic Dendrimers for Gene Transfection. <i>Langmuir</i> , 2007, 23, 737-746.	1.6	68

#	ARTICLE	IF	CITATIONS
181	Donor-substituted cyanoethynylethenes: powerful chromophores for opto-electronic applications Electronic supplementary information (ESI) available: Crystal packing of 5, UV/Vis spectra of donor-acceptor-substituted TEEs in comparison to those of CEEs, full electrochemical data for the donor-substituted CEEs and structure of the AF-50 standard for two-photon absorption. See http://www.rsc.org/journals/article.html?doi=10.1039/B202279G . <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 2032.	1.5	67
182	Macrocyclic Tetraethynylethene Molecular Scaffolding: Perethynylated aromatic dodecadehydro[18]annulenes, antiaromatic octadehydro[12]annulenes, and expanded radialenes. <i>Helvetica Chimica Acta</i> , 1995, 78, 797-817.	1.0	66
183	Thiazolopyrimidine Inhibitors of 2- <i>O</i> -Methylerythritol 2,4-Cyclodiphosphate Synthase (IspF) from <i>Mycobacterium tuberculosis</i> and <i>Plasmodium falciparum</i> . <i>ChemMedChem</i> , 2010, 5, 1092-1101.	1.6	66
184	Solvatochromism as an efficient tool to study <i>N,N</i> -dimethylamino- and cyano-substituted conjugated molecules with an intramolecular charge-transfer absorption. <i>Journal of Physical Organic Chemistry</i> , 2011, 24, 274-281.	0.9	66
185	Dendrophanes: Novel Steroid-Recognizing Dendritic Receptors. Preliminary Communication. <i>Helvetica Chimica Acta</i> , 1996, 79, 779-788.	1.0	65
186	The self-assembly of fullerene-containing [2]pseudorotaxanes: formation of a supramolecular C60 dimer. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 1577-1586.	0.9	65
187	The Higher Fullerenes: Covalent Chemistry and Chirality. <i>Topics in Current Chemistry</i> , 1999, , 135-171.	4.0	65
188	Structure-Based Design, Synthesis, and in vitro Evaluation of Bisubstrate Inhibitors for Catechol-O-Methyltransferase (COMT). <i>Chemistry - A European Journal</i> , 2000, 6, 971-982.	1.7	65
189	Subpicosecond Singlet Exciton Fission in Cyano-Substituted Diaryltetracenes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8679-8683.	7.2	65
190	Polytriacylenes: Conjugated polymers with a novel all-carbon backbone. <i>Advanced Materials</i> , 1994, 6, 786-790.	11.1	64
191	Cyclophane-Type Fullerene-dibenzo[18]crown-6 Conjugates with <i>trans</i> -1, <i>trans</i> -2, and <i>trans</i> -3 Addition Patterns: Regioselective Templated Synthesis, X-Ray Crystal Structure, Ionophoric Properties, and Cation-Complexation-Dependent Redox Behavior. <i>Helvetica Chimica Acta</i> , 1999, 82, 1572-1595.	1.0	64
192	Donor-Substituted Perethynylated Dehydroannulenes and Radiaannulenes: Acetylenic Carbon Sheets Featuring Intense Intramolecular Charge Transfer. <i>Helvetica Chimica Acta</i> , 2004, 87, 1130-1157.	1.0	64
193	X-ray Crystal Structure of a Bisubstrate Inhibitor Bound to the Enzyme Catechol-O-methyltransferase: A Dramatic Effect of Inhibitor Preorganization on Binding Affinity We thank F. Hoffmann-La Roche for generous support of this work. We are grateful to P. Malherbe for the cloning of COMT, P. Caspers for the expression of COMT, A. Cesura for enzyme purification, B. Wipf for fermentation, and H. M. Lahn for sequencing. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4840.	7.2	62
194	New donor-acceptor chromophores by formal [2+2] cycloaddition of donor-substituted alkynes to dicyanovinyl derivatives. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1312.	1.5	62
195	Tetrakis(trialkylsilylethynyl)butatriene and 1,1,4,4-Tetrakis(trialkylsilylethynyl)-1,3-butadiene: Novel Cross-Conjugated Chromophores. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1187-1189.	4.4	61
196	Donor-Acceptor (D-A)-Substituted Polyynes Chromophores: Modulation of Their Optoelectronic Properties by Varying the Length of the Acetylene Spacer. <i>Chemistry - A European Journal</i> , 2013, 19, 12693-12704.	1.7	61
197	Cyclic and Linear Acetylenic Molecular Scaffolding. <i>Topics in Current Chemistry</i> , 1999, , 43-79.	4.0	61
198	Dendritic rods with a poly(triacylene) backbone: insulated molecular wires. <i>Chemical Communications</i> , 1998, , 1013-1014.	2.2	60

#	ARTICLE	IF	CITATIONS
199	Novel Extended Tetrathiafulvalenes Based on Acetylenic Spacers: Synthesis and Electronic Properties. <i>Chemistry - A European Journal</i> , 2002, 8, 3601.	1.7	60
200	Dendritic Iron Porphyrins with a Tethered Axial Ligand as New Model Compounds for Heme Monooxygenases. <i>Helvetica Chimica Acta</i> , 2002, 85, 599-617.	1.0	60
201	Redox Properties of Linear and Cyclic Scaffolds Based on Di- and Tetraethynylethene. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 2959-2972.	1.2	60
202	ZnII-induced conformational control of amphiphilic cavitands in Langmuir monolayers Electronic supplementary information (ESI) available: characterization of 1 and 2; protocol of Langmuir experiments performed on the water subphase at different pH; Job plot analysis. See http://www.rsc.org/suppdata/cc/b4/b405331a/ . <i>Chemical Communications</i> , 2004, , 1362.	2.2	60
203	New Push-Pull Chromophores Featuring TCAQ (11,11,12,12-tetracyano-9,10-anthraquinodimethane) and Other Dicyanovinyl Acceptors. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 994-1004.	1.2	60
204	Proton NMR investigations of host-guest complexation between a macrocyclic host of the cyclophane type and aromatic guests in aqueous solution. <i>Journal of the American Chemical Society</i> , 1984, 106, 8037-8046.	6.6	59
205	Insulated Molecular Wires: Dendritic Encapsulation of Poly(triacetylene) Oligomers, Attempted Dendritic Stabilization of Novel Poly(pentaacetylene) Oligomers, and an Organometallic Approach to Dendritic Rods. <i>Helvetica Chimica Acta</i> , 2001, 84, 296-334.	1.0	59
206	Pt-Tetraethynylethene Molecular Scaffolding: Synthesis and Characterization of a Novel Class of Organometallic Molecular Rods. <i>Chemistry - A European Journal</i> , 2001, 7, 1333-1341.	1.7	59
207	1,3-Diethynylallenes (DEAs): Enantioselective Synthesis, Absolute Configuration, and Chiral Induction in 1,1,4,4-tetracyanobuta-1,3-dienes (TCBDs). <i>Chemistry - A European Journal</i> , 2008, 14, 10564-10568.	1.7	59
208	Solvent Effects in Molecular Recognition.. <i>Acta Chemica Scandinavica</i> , 1992, 46, 205-215.	0.7	59
209	Adsorption and Dynamics of Long-Range Interacting Fullerenes in a Flexible, Two-Dimensional, Nanoporous Porphyrin Network. <i>ChemPhysChem</i> , 2006, 7, 1462-1470.	1.0	58
210	Crystal Structures of tRNA-guanine Transglycosylase (TGT) in Complex with Novel and Potent Inhibitors Unravel Pronounced Induced-fit Adaptations and Suggest Dimer Formation Upon Substrate Binding. <i>Journal of Molecular Biology</i> , 2007, 370, 492-511.	2.0	57
211	Chirality Transfer in 1D Self-Assemblies: Influence of H-Bonding vs Metal Coordination between Dicyano[7]helicene Enantiomers. <i>Journal of the American Chemical Society</i> , 2013, 135, 15270-15273.	6.6	57
212	Hexakis(trimethylsilylethynyl)[3]radialene: A Carbon-Rich Chromophore with Unusual Electronic Properties. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 805-809.	4.4	56
213	Monodisperse Poly(triacetylene) Oligomers Extending from Monomer to Hexadecamer: Joint Experimental and Theoretical Investigation of Physical Properties. <i>Chemistry - A European Journal</i> , 2000, 6, 3622-3635.	1.7	56
214	Thermotropic behaviour of covalent fullerene adducts displaying 4-cyano-4'-oxybiphenyl mesogens. <i>Perkin Transactions II RSC</i> , 2000, , 193-198.	1.1	56
215	Switching the Regioselectivity in Cycloaddition-Retro-Electrocyclizations between Donor-Activated Alkynes and the Electron-Accepting Olefins TCNE and TCNQ. <i>Chemistry - an Asian Journal</i> , 2011, 6, 396-401.	1.7	56
216	Quinone-Based, Redox-Active Resorcin[4]arene Cavitands. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 262-266.	7.2	56

#	ARTICLE	IF	CITATIONS
217	Structures and Properties of Molecular Torsion Balances to Decipher the Nature of Substituent Effects on the Aromatic Edge-to-Face Interaction. <i>Chemistry - A European Journal</i> , 2014, 20, 4608-4616.	1.7	56
218	Chiroptical Detection of Nonchromophoric, Achiral Guests by Enantiopure Allenic Acetylenic Helicenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13614-13618.	7.2	56
219	Electron Donor-Acceptor Interactions in Host-Guest Complexes in Organic Solutions. <i>Angewandte Chemie International Edition in English</i> , 1986, 25, 1127-1129.	4.4	55
220	Design of Novel, Nonpeptidic Thrombin Inhibitors and Structure of a Thrombin-Inhibitor Complex. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1739-1742.	4.4	55
221	Cyanoethynylethenes: A Class of Powerful Electron Acceptors for Molecular Scaffolding We thank the ETH Research Council and the Fonds der Chemischen Industrie for their support of this work. Robin Cist is acknowledged for the supply of starting materials.. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3044.	7.2	55
222	1,3-Diethynylallenes: Carbon-Rich Modules for Three-Dimensional Acetylenic Scaffolding. <i>Helvetica Chimica Acta</i> , 2002, 85, 3052-3077.	1.0	55
223	A Fluorine Scan at the Catalytic Center of Thrombin: C ₁₅ F, C ₁₅ OH, and C ₁₅ OMe Bioisosterism and Fluorine Effects on pK _a and logD Values. <i>ChemMedChem</i> , 2006, 1, 611-621.	1.6	55
224	Diaryl sulfide-based inhibitors of trypanothione reductase: inhibition potency, revised binding mode and antiprotozoal activities. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3935.	1.5	55
225	Water-soluble tetraoxa[n.1.n.1]paracyclophanes: Synthesis and host-guest interactions in aqueous solution. <i>Chemische Berichte</i> , 1985, 118, 3588-3619.	0.2	54
226	Novel Cross-Conjugated Compounds Derived from Tetraethynylethene. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1240-1242.	4.4	54
227	Intense Ground-State Charge-Transfer Interactions in Low-Bandgap, Panchromatic Phthalocyanine-Tetracyanobuta-1,3-diene Conjugates. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5560-5564.	7.2	54
228	Steroid complexation by cyclophane receptors in aqueous solution: Substrate selectivity, enthalpic driving force for cavity inclusion, and enthalpy-entropy compensation. <i>Tetrahedron</i> , 1995, 51, 401-421.	1.0	53
229	Computer Simulations of the Solvent Dependence of Apolar Association Strength: Gibbs Free Energy Calculations on a Cyclophane-Pyrene Complex in Water and Chloroform. <i>Journal of the American Chemical Society</i> , 1996, 118, 6044-6051.	6.6	53
230	One-Electron-Reduced and -Oxidized Stages of Donor-Substituted 1,1,4,4-Tetracyanobuta-1,3-dienes of Different Molecular Architectures. <i>Chemistry - A European Journal</i> , 2008, 14, 7638-7647.	1.7	53
231	Donor-substituted octacyano[4]dendralenes: a new class of cyano-rich non-planar organic acceptors. <i>Chemical Science</i> , 2011, 2, 88-93.	3.7	53
232	Pseudilins: Halogenated, Allosteric Inhibitors of the Non-Mevalonate Pathway Enzyme IspD. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2235-2239.	7.2	53
233	Enantioselective Complexation of Chiral Dicarboxylic Acids in Clefts of Functionalized 9,9- ² -Spirobifluorenes. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1521-1523.	4.4	52
234	Bisubstrate inhibitors for the enzyme catechol-O-methyltransferase (COMT): influence of inhibitor preorganisation and linker length between the two substrate moieties on binding affinity. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 42-49.	1.5	52

#	ARTICLE	IF	CITATIONS
235	Molecular Structure and Spectroscopic Properties of Kekulene. <i>Angewandte Chemie International Edition in English</i> , 1979, 18, 699-701.	4.4	51
236	Eine neue Klasse chiraler, von 1,1'-Binaphthyl abgeleiteter Cyclophan-Rezeptoren: Komplexierung von Pyranosiden. <i>Angewandte Chemie</i> , 1995, 107, 1722-1725.	1.6	51
237	Fullerene-Acetylene Molecular Scaffolding: Chemistry of 2-functionalized 1-ethynylated C ₆₀ , oxidative homocoupling, hexakis-adduct formation, and attempted synthesis of C ₁₂₄ ?. <i>Helvetica Chimica Acta</i> , 1996, 79, 6-20.	1.0	51
238	Tetrathiafulvalene (TTF)-Bridged Resorcin[4]arene Cavitands: Towards New Electrochemical Molecular Switches. <i>Helvetica Chimica Acta</i> , 2006, 89, 2040-2057.	1.0	51
239	Enantiomerically Pure Allenic Acetylenic Macrocycles: Synthesis, Solid State Structures, Chiroptical Properties, and Electron Localization Function Analysis. <i>Chemistry - A European Journal</i> , 2010, 16, 9796-9807.	1.7	51
240	6,6-Dicyanopentafulvenes: Electronic Structure and Regioselectivity in [2 + 2] Cycloaddition-Retroelectrocyclization Reactions. <i>Journal of the American Chemical Society</i> , 2012, 134, 18139-18146.	6.6	51
241	Molecular Recognition at the Active Site of Factor Xa: Cation-π Interactions, Stacking on Planar Peptide Surfaces, and Replacement of Structural Water. <i>Chemistry - A European Journal</i> , 2012, 18, 213-222.	1.7	51
242	The X-Ray Crystal Structures of a 1,9- and a 7,8-Diels-Alder monoadduct of C ₇₀ . <i>Helvetica Chimica Acta</i> , 1995, 78, 344-354.	1.0	50
243	Effects of structural modification on gene transfection and self-assembling properties of amphiphilic dendrimers. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 766.	1.5	50
244	Mechanistic Investigation of the Dipolar [2+2] Cycloaddition-Cycloreversion Reaction between 4-(Dimethylamino)phenylacetylene and Arylated 1,1-Dicyanovinyl Derivatives To Form Intramolecular Charge-Transfer Chromophores. <i>Chemistry - A European Journal</i> , 2010, 16, 202-211.	1.7	50
245	Expandierte Radialene: Eine neue Klasse kreuzkonjugierter Makrocyclen. <i>Angewandte Chemie</i> , 1994, 106, 482-485.	1.6	49
246	The X-Ray Crystal Structure and Packing of a Hexakis-adduct of C ₆₀ : Temperature dependence of weak C?H?O interactions. <i>Helvetica Chimica Acta</i> , 1996, 79, 1047-1058.	1.0	49
247	Geometrical optimisation of 1,1'-binaphthalene receptors for enantioselective molecular recognition of excitatory amino acid derivatives. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998, , 747-762.	0.9	49
248	Monodisperse Poly(triacetylene) Rods: Synthesis of a 11.9 nm Long Molecular Wire and Direct Determination of the Effective Conjugation Length by UV/Vis and Raman Spectroscopies. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 817-821.	7.2	49
249	A New Family of C ₃ -Symmetrical Carbohydrate Receptors. <i>Helvetica Chimica Acta</i> , 2003, 86, 494-503.	1.0	49
250	Electrochemically Induced Retro-Cyclopropanation Reactions. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 2299-2316.	1.2	49
251	Substituent effects on the aromatic edge-to-face interaction. <i>Chemical Communications</i> , 2008, , 4031.	2.2	49
252	Conjugation and optoelectronic properties of acetylenic scaffolds and charge-transfer chromophores. <i>Pure and Applied Chemistry</i> , 2008, 80, 411-427.	0.9	49

#	ARTICLE	IF	CITATIONS
253	Optical Stability of Axially Chiral Push-Pull Substituted Butadienes: Effect of a Single Methyl Group on the C ₆₀ Surface. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3532-3535.	7.2	49
254	Homoconjugated Push-Pull and Spiro Systems: Intramolecular Charge-Transfer Interactions and Third-Order Optical Nonlinearities. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6207-6211.	7.2	49
255	Tuning and predicting biological affinity: aryl nitriles as cysteine protease inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5764.	1.5	49
256	Synthesis and Conformational Switching of Partially and Differentially Bridged Resorcin[4]arenes Bearing Fluorescent Dye Labels. Preliminary Communication. <i>Helvetica Chimica Acta</i> , 2003, 86, 2149-2155.	1.0	48
257	Donor-acceptor substituted tetraethynylethenes. <i>Advanced Materials</i> , 1996, 8, 226-231.	11.1	47
258	Porphyrin-[(E)-1,2-Diethynylethene] Scaffolding: Synthesis and Optical and Electrochemical Properties of Multinanometer-Sized Porphyrin Arrays. <i>Helvetica Chimica Acta</i> , 1998, 81, 1964-1977.	1.0	47
259	Cleft-Type Diamidinium Receptors for Dicarboxylate Binding in Protic Solvents. <i>Helvetica Chimica Acta</i> , 2000, 83, 80-92.	1.0	47
260	Dendritic, 1,1'-Binaphthalene-Derived Cleft-Type Receptors (Dendroclefts) for the Molecular Recognition of Pyranosides. <i>Helvetica Chimica Acta</i> , 2000, 83, 1346-1376.	1.0	47
261	Potent Inhibitors of tRNA-Guanine Transglycosylase, an Enzyme Linked to the Pathogenicity of the <i>Shigella</i> Bacterium: Charge-Assisted Hydrogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8266-8269.	7.2	47
262	Expanding the chemical space for push-pull chromophores by non-concerted [2+2] and [4+2] cycloadditions: access to a highly functionalised 6,6-dicyanopentafulvene with an intense, low-energy charge-transfer band. <i>Chemical Communications</i> , 2011, 47, 4520.	2.2	47
263	Halogenverbrückte molekulare Kapseln. <i>Angewandte Chemie</i> , 2015, 127, 12516-12521.	1.6	47
264	Tetraethynylethen. <i>Angewandte Chemie</i> , 1991, 103, 708-710.	1.6	46
265	Strong intramolecular chromophore interactions in novel bis([60]fullerene)-oligoporphyrin nanoarrays. <i>Chemical Communications</i> , 2002, , 2178-2179.	2.2	46
266	Expanded Cubane: Synthesis of a Cage Compound with a C ₅₆ Core by Acetylenic Scaffolding and Gas-Phase Transformations into Fullerenes. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 4339-4343.	7.2	46
267	Supramolecular Fullerene Chemistry: A Comprehensive Study of Cyclophane-Type Mono- and Bis-Crown Ether Conjugates of C ₇₀ . <i>Helvetica Chimica Acta</i> , 2002, 85, 2009.	1.0	46
268	Inhibitors of Plasmodial Serine Hydroxymethyltransferase (SHMT): Cocrystal Structures of Pyrazolopyrans with Potent Blood- and Liver-Stage Activities. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 3117-3130.	2.9	46
269	Wasserlösliche dendritische Eisenporphyrine: synthetische Modelle für globale Häm-Proteine. <i>Angewandte Chemie</i> , 1995, 107, 2906-2909.	1.6	45
270	Tetraethynylethene molecular scaffolding: Nonlinear optical, redox, and amphiphilic properties of donor functionalized polytriacytylene and expanded radialenes. <i>Advanced Materials</i> , 1997, 9, 339-343.	11.1	45

#	ARTICLE	IF	CITATIONS
271	Catalytic Cyclophanes. Part XI. A flavo-thiazolio-cyclophane as a biomimetic catalyst for the preparative-scale electro-oxidation of aromatic aldehydes to methyl esters. <i>Helvetica Chimica Acta</i> , 1997, 80, 1555-1588.	1.0	45
272	One- and Two-Dimensionally Conjugated Tetraethynylethenes: A Structure versus Second-Order Optical Polarizabilities. <i>Journal of Physical Chemistry B</i> , 1998, 102, 29-32.	1.2	45
273	Selective Electrolytic Removal of Bis(alkoxycarbonyl)methano Addends from C60 Bis-adducts and Electrochemical Stability of C70 Derivatives. <i>Chemistry - A European Journal</i> , 2000, 6, 2184-2192.	1.7	45
274	Rebek Imides and Their Adenine Complexes: Preferences for Hoogsteen Binding in the Solid State and in Solution. <i>Chemistry - A European Journal</i> , 2002, 8, 118-129.	1.7	45
275	Amphiphilic Dendrimers: Novel Self-Assembling Vectors for Efficient Gene Delivery. <i>Angewandte Chemie</i> , 2003, 115, 1524-1528.	1.6	45
276	Exploring the Flap Pocket of the Antimalarial Target Plasmeprin II: The "55% Rule" Applied to Enzymes. <i>ChemMedChem</i> , 2008, 3, 237-240.	1.6	45
277	Proaromaticity: Organic Charge Transfer Chromophores with Small HOMO-LUMO Gaps. <i>Chemistry - A European Journal</i> , 2010, 16, 9592-9605.	1.7	45
278	Inhibitors of the Herbicidal Target IspD: Allosteric Site Binding. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7931-7935.	7.2	45
279	Optimization of Triazine Nitriles as Rhodesain Inhibitors: Structure-Activity Relationships, Bioisosteric Imidazopyridine Nitriles, and X-ray Crystal Structure Analysis with Human Cathepsin L. <i>ChemMedChem</i> , 2013, 8, 967-975.	1.6	45
280	Helicene Monomers and Dimers: Chiral Chromophores Featuring Strong Circularly Polarized Luminescence. <i>Chemistry - A European Journal</i> , 2019, 25, 8003-8007.	1.7	45
281	Ärsliche Derivate von C ₁₉₅ und C ₂₆₀ : die ersten Verbindungen einer neuen Klasse von Kohlenstoffallotropen C _n (60 + 5). <i>Angewandte Chemie</i> , 1995, 107, 1636-1639.	1.6	44
282	Optically Active Macrocyclicis-3 Bis-Adducts of C60: Regio- and Stereoselective Synthesis, Exciton Chirality Coupling, and Determination of the Absolute Configuration, and First Observation of Exciton Coupling between Fullerene Chromophores in a Chiral Environment. <i>Helvetica Chimica Acta</i> , 2000, 83, 3069-3096.	1.0	44
283	Tether-directed remote functionalization of fullerenes C60 and C70. <i>Comptes Rendus Chimie</i> , 2006, 9, 868-880.	0.2	44
284	Synthesis and Characteristics of a Nonaggregating Tris(tetrathiafulvaleno)dodecahydro[18]annulene. <i>Chemistry - A European Journal</i> , 2006, 12, 8451-8459.	1.7	44
285	Directed Rotations of Single Porphyrin Molecules Controlled by Localized Force Spectroscopy. <i>ACS Nano</i> , 2012, 6, 6318-6324.	7.3	44
286	Electronically Connected [n]Helicenes: Synthesis and Chiroptical Properties of Enantiomerically Pure (E)-1,2-Di([6]helicen-2-yl)ethenes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3223-3231.	1.2	44
287	Aromaticity and Electron Affinity of Carbok-[3]radialenes, k=0, 1, 2. <i>Chemistry - A European Journal</i> , 2003, 9, 5056-5066.	1.7	43
288	Limitations on the use of UV/Vis spectroscopy for the evaluation of conjugation effectiveness. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 2263-2266.	1.5	43

#	ARTICLE	IF	CITATIONS
289	Preparation of Tröger Base Derivatives by Cross-Coupling Methodologies. <i>Helvetica Chimica Acta</i> , 2005, 88, 2333-2344.	1.0	43
290	Two-Dimensional Acetylenic Scaffolding: Extended Donor-Substituted Perethynylated Dehydroannulenes. <i>Chemistry - an Asian Journal</i> , 2006, 1, 479-489.	1.7	43
291	Nonphosphate Inhibitors of IspE Protein, a Kinase in the Non-Mevalonate Pathway for Isoprenoid Biosynthesis and a Potential Target for Antimalarial Therapy. <i>ChemMedChem</i> , 2007, 2, 806-810.	1.6	43
292	Synthesis and Optoelectronic Properties of Janus-Dendrimer-Type Multivalent Donor-Acceptor Systems. <i>Journal of Organic Chemistry</i> , 2015, 80, 882-896.	1.7	43
293	Die kovalente Chemie der höheren Fullerene: C ₇₀ und jenseits davon. <i>Angewandte Chemie</i> , 1997, 109, 2362-2374.	1.6	42
294	Dendritic Iron Porphyrins with Tethered Axial Ligands: New Model Compounds for Cytochromes. <i>Helvetica Chimica Acta</i> , 2002, 85, 571-598.	1.0	42
295	Reversibly controllable guest binding in precisely defined cavities: selectivity, induced fit, and switching in novel resorcin[4]arene-based container molecules. <i>Tetrahedron</i> , 2008, 64, 8307-8317.	1.0	42
296	Inhibition of the Cysteine Protease Human Cathepsin L by Triazine Nitriles: Amide-Heteroarene Stacking Interactions and Chalcogen Bonding in the S3 Pocket. <i>ChemMedChem</i> , 2017, 12, 257-270.	1.6	42
297	1,3-Diethynylallenes: New Modules for Three-Dimensional Acetylenic Scaffolding. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2334-2337.	7.2	41
298	Functionalized and Partially or Differentially Bridged Resorcin[4]arene Cavitands: Synthesis and Solid-State Structures. <i>Helvetica Chimica Acta</i> , 2003, 86, 3648-3670.	1.0	41
299	Synthesis of 1,4-Diethynyl- and 1,1,4,4-Tetraethynylbutatrienes. <i>Helvetica Chimica Acta</i> , 2004, 87, 3085-3105.	1.0	41
300	Inclusion of methano[60]fullerene derivatives in cavitand-based coordination cages. <i>Tetrahedron</i> , 2006, 62, 2008-2015.	1.0	41
301	Chiral Induction from Allenes into Twisted 1,1,4,4-Tetracyanobuta-1,3-dienes (TCBDs): Conformational Assignment by Circular Dichroism Spectroscopy. <i>Chemistry - A European Journal</i> , 2009, 15, 8396-8400.	1.7	41
302	Cryogenic 35GHz pulse ENDOR probehead accommodating large sample sizes: Performance and applications. <i>Journal of Magnetic Resonance</i> , 2009, 200, 81-87.	1.2	41
303	New Cyclophanes as Initiator Cores for the Construction of Dendritic Receptors: Host-guest complexation in aqueous solutions and structures of solid-state inclusion compounds. <i>Helvetica Chimica Acta</i> , 1997, 80, 2368-2390.	1.0	40
304	Absolute configuration of chiral fullerenes and covalent derivatives from their calculated circular dichroism spectra. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998, , 1719-1724.	0.9	40
305	40 Years of Supramolecular Chemistry. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 68-69.	7.2	40
306	New organofluorine building blocks: inhibition of the malarial aspartic proteases plasmepsin II and IV by alicyclic 1,1-difluoroketone hydrates. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3947.	1.5	40

#	ARTICLE	IF	CITATIONS
307	Cycloalkane and Alicyclic Heterocycle Complexation by New Switchable Resorcin[4]arene-Based Container Molecules: NMR and ITC Binding Studies. <i>Chemistry - A European Journal</i> , 2011, 17, 12362-12371.	1.7	40
308	Binding to Large Enzyme Pockets: Small Molecule Inhibitors of Trypanothione Reductase. <i>ChemMedChem</i> , 2014, 9, 1880-1891.	1.6	40
309	Cyanobutadienes as Novel Electron Acceptors for Photoactive Multicomponent Systems. <i>Chemistry - A European Journal</i> , 2014, 20, 202-216.	1.7	40
310	Antimalarial Inhibitors Targeting Serine Hydroxymethyltransferase (SHMT) with in Vivo Efficacy and Analysis of their Binding Mode Based on X-ray Cocrystal Structures. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4840-4860.	2.9	40
311	2-Hydroxy-1,2,3-Triazole-Based Dipeptidyl Nitriles: Potent, Selective, and Trypanocidal Rhodesain Inhibitors by Structure-Based Design. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3370-3388.	2.9	40
312	Fluorescent Inhibitors for IspF, an Enzyme in the Non-Mevalonate Pathway for Isoprenoid Biosynthesis and a Potential Target for Antimalarial Therapy. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1069-1074.	7.2	39
313	Inhibitors of the kinase IspE: structure-activity relationships and co-crystal structure analysis. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2719.	1.5	39
314	Molecular Recognition at the Active Site of Catechol-O-Methyltransferase: Energetically Favorable Replacement of a Water Molecule Imported by a Bisubstrate Inhibitor. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9092-9096.	7.2	39
315	Evaluation of Hydrogen-Bond Acceptors for Redox-Switchable Resorcin[4]arene Cavitands. <i>Journal of the American Chemical Society</i> , 2014, 136, 3852-3858.	6.6	39
316	Synthesis of a Macrobicyclic Thiazolium-Host and Supramolecular Catalysis of the Benzoin Condensation. <i>Angewandte Chemie International Edition in English</i> , 1986, 25, 1125-1127.	4.4	38
317	2,2',7,7'-Tetrahydroxy-1,1'-binaphthyl: a Versatile Chiral Spacer for Novel Mono- and Ditopic Cyclophane Hosts with Apolar Binding Sites. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 1705-1711.	4.4	38
318	Electronic and structural properties of the cyclobutenodehydroannulenes. <i>Journal of the American Chemical Society</i> , 1990, 112, 1618-1623.	6.6	38
319	Stabile, lösliche, konjugierte Kohlenstoffstäbe mit einem persilylethinylierten Polytriacetylen-4-ckgrat. <i>Angewandte Chemie</i> , 1994, 106, 794-798.	1.6	38
320	Synthesis, Separation, and Characterization of Optically Pure C76 Mono-Adducts. <i>Helvetica Chimica Acta</i> , 1996, 79, 1741-1756.	1.0	38
321	Regioselective one-step synthesis of trans-3,trans-3,trans-3 and e,e,e [60]fullerene tris-adducts directed by a C3-symmetrical cyclotrimeratrylene tether. <i>Chemical Communications</i> , 1999, , 1121-1122.	2.2	38
322	De Novo Design, Synthesis, and In Vitro Evaluation of Inhibitors for Prokaryotic tRNA-Guanine Transglycosylase: A Dramatic Sulfur Effect on Binding Affinity. <i>ChemBioChem</i> , 2002, 3, 250-253.	1.3	38
323	The Art of Acetylenic Scaffolding: Rings, Rods, and Switches. <i>Chemical Record</i> , 2002, 2, 189-198.	2.9	38
324	Synthesis of Cyano-Substituted Diaryltetracenes from Tetraaryl[3]cumulenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4341-4345.	7.2	38

#	ARTICLE	IF	CITATIONS
325	Allosteric Acetylenic Cage (AAC) Receptors: Chiroptical Switching and Enantioselective Complexation of <i>trans</i> -1,2-Dimethylcyclohexane in a Diaxial Conformation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14444-14449.	7.2	38
326	De Novo Design, Synthesis, and In Vitro Evaluation of a New Class of Nonpeptidic Inhibitors of the Malarial Enzyme Plasmeprin II. <i>ChemBioChem</i> , 2002, 3, 1137-1141.	1.3	37
327	Regio- and Diastereoselective Synthesis of Bis- and Tetrakisadducts of C70 by Directed Remote Functionalization Using Tröger Base Tethers. <i>Chemistry - A European Journal</i> , 2006, 12, 3463-3471.	1.7	37
328	FRET Studies on a Series of BODIPY Dye Labeled Switchable Resorcin[4]arene Cavities. <i>Chemistry - A European Journal</i> , 2010, 16, 12590-12602.	1.7	37
329	Dissolution of Cholesterol in Water by a Synthetic Receptor. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1625-1628.	4.4	36
330	Chiral and Achiral Charge Transfer Chromophores with a Dendralene Type Backbone by Electronically Controlled Cycloaddition/Cycloreversion Cascades. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2487-2503.	1.2	36
331	Bioconjugates to specifically render inhibitors water-soluble. <i>Soft Matter</i> , 2010, 6, 88-91.	1.2	36
332	Interactions with Aromatic Rings in Chemical and Biological Recognition. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4120-4120.	7.2	35
333	Crystallographic Study of Inhibitors of tRNA-guanine Transglycosylase Suggests a New Structure-based Pharmacophore for Virtual Screening. <i>Journal of Molecular Biology</i> , 2004, 338, 55-75.	2.0	35
334	<i>meso,meso</i> -Linked and Triply Fused Diporphyrins with Mixed Metal Ions: Synthesis and Electrochemical Investigations. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4659-4673.	1.2	35
335	Molecular Recognition at the Active Site of Catechol O-methyltransferase (COMT): Adenine Replacements in Bisubstrate Inhibitors. <i>Chemistry - A European Journal</i> , 2011, 17, 6369-6381.	1.7	35
336	1,2-Di(phenylethynyl)ethenes with axially chiral, 2,2'-bridged 1,1'-binaphthyl substituents: potent cholesteric liquid-crystal inducers. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8016.	1.5	35
337	Fluorine Scan of Inhibitors of the Cysteine Protease Human Cathepsin L: Dipolar and Quadrupolar Effects in the π -Stacking of Fluorinated Phenyl Rings on Peptide Amide Bonds. <i>ChemMedChem</i> , 2016, 11, 1042-1047.	1.6	35
338	Towards the Synthesis of Tetraethynylallene. <i>Synthesis</i> , 1996, 1996, 537-550.	1.2	34
339	Expanding the Chemical Structure Space of Opto-Electronic Molecular Materials: Unprecedented Push-Pull Chromophores by Reaction of a Donor-Substituted Tetracyanofulvene with Electron-Rich Alkynes. <i>Journal of the American Chemical Society</i> , 2013, 135, 3599-3606.	6.6	34
340	Regiospecific templated synthesis of D _{2h} -symmetrical tetrakis-adduct C64(COOEt) ₈ by reversible tether-directed remote functionalization of C60. <i>Chemical Communications</i> , 1996, , 797.	2.2	33
341	Theoretical Investigation of the Origin of Regioselectivity in the Formation of Methanofullerenes by Addition of Diazo Compounds: A Model Study. <i>Chemistry - A European Journal</i> , 1998, 4, 2258-2265.	1.7	33
342	Synthesis and Physical Investigation of Donor-Donor and Acceptor-Acceptor End-Functionalized Monodisperse Poly(triacetylene) Oligomers. <i>Chemistry - A European Journal</i> , 2000, 6, 4400-4412.	1.7	33

#	ARTICLE	IF	CITATIONS
343	Structures and Stabilities of Diacetylene-Expanded Polyhedranes by Quantum Mechanics and Molecular Mechanics. <i>Journal of Organic Chemistry</i> , 2005, 70, 1671-1678.	1.7	33
344	Functionalized Calix[4]resorcinarene Cavitands. Versatile Platforms for the Modular Construction of Extended Molecular Switches. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 1926-1940.	2.0	33
345	Solvent effects on electronic absorption spectra of donor-substituted 11,11,12,12-tetracyano-9,10-anthraquinodimethanes (TCAQs). <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 155-162.	0.9	33
346	Comparison of CC Triple and Double Bonds as Spacers in Push-Pull Chromophores. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 4307-4317.	1.2	33
347	Visualizing the Product of a Formal Cycloaddition of 7,7,8,8-tetracyanoquinodimethane (TCNQ) to an Acetylene-Appended Porphyrin by Scanning Tunneling Microscopy on Au(111). <i>Chemistry - A European Journal</i> , 2011, 17, 5246-5250.	1.7	33
348	The [2 + 2] Cycloaddition-Retroelectrocyclization and [4 + 2] Hetero-Diels-Alder Reactions of 2-(Dicyanomethylene)indan-1,3-dione with Electron-Rich Alkynes: Influence of Lewis Acids on Reactivity. <i>Organic Letters</i> , 2015, 17, 3506-3509.	2.4	33
349	Supramolekulare Kapseln: starke und schwache Chalkogenbrücken im Vergleich. <i>Angewandte Chemie</i> , 2018, 130, 17506-17512.	1.6	33
350	Inclusion Complexes between a Macrocyclic Host Molecule and Aromatic Hydrocarbons in Aqueous Solution. <i>Angewandte Chemie International Edition in English</i> , 1983, 22, 715-716.	4.4	32
351	Fulleren-Acetylen-Hybride: auf dem Weg zu neuen, synthetischen molekularen Kohlenstoffallotropen. <i>Angewandte Chemie</i> , 1994, 106, 1427-1429.	1.6	32
352	Achiral and Chiral Higher Adducts of C70 by Bingel Cyclopropanation. <i>Helvetica Chimica Acta</i> , 1999, 82, 261-289.	1.0	32
353	Enantioselektive Komplexierung chiraler Dicarbonsäuren in funktionalisierten spaltenförmigen 9,9-dicyano-9,9-spirofluorenen. <i>Angewandte Chemie</i> , 1992, 104, 1503-1505.	1.6	31
354	Evidence for the Formation of Singly Bonded Dimers During the Reductive Electrochemistry of Methanofullerenes. <i>Chemistry - A European Journal</i> , 2003, 9, 4811-4819.	1.7	31
355	Donor-substituted peralkynylated α -radiannulenes: novel all-carbon macrocycles with an intense intramolecular charge-transfer. <i>Chemical Communications</i> , 2003, , 1634-1635.	2.2	31
356	Chromophoric interactions in [60]fullerene-porphyrin dyads investigated by solid-state UV-Vis and IR spectroscopies. <i>Chemical Physics</i> , 2004, 300, 227-232.	0.9	31
357	A New Class of Inhibitors for the Metalloprotease Neprilysin Based on a Central Imidazole Scaffold. <i>Helvetica Chimica Acta</i> , 2005, 88, 707-730.	1.0	31
358	Synthesis, Biological Evaluation, and Crystallographic Studies of Extended Guanine-Based (lin-Benzoguanine) Inhibitors for tRNA-Guanine Transglycosylase (TGT). <i>Helvetica Chimica Acta</i> , 2006, 89, 573-597.	1.0	31
359	Complexation and Dynamic Switching Properties of Fluorophore-Appended Resorcin[4]arene Cavitands. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 846-855.	1.2	31
360	Unprecedented thermal rearrangement of push-pull-chromophore-[60]fullerene conjugates: formation of chiral 1,2,9,12-tetrakis-adducts. <i>Chemical Communications</i> , 2010, 46, 5334.	2.2	31

#	ARTICLE	IF	CITATIONS
361	Compact TCBD based molecules and supramolecular assemblies for third-order nonlinear optics. <i>Optical Materials Express</i> , 2012, 2, 294.	1.6	31
362	Strain-Accelerated Formation of Chiral, Optically Active Buta-1,3-dienes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 349-354.	7.2	31
363	Intense Ground-State Charge-Transfer Interactions in Low-Bandgap, Panchromatic Phthalocyanine-Tetracyanobuta-1,3-diene Conjugates. <i>Angewandte Chemie</i> , 2016, 128, 5650-5654.	1.6	31
364	Supramolecular Aggregates of Dendritic Cyclophanes (Dendrophanes) Threaded on Molecular Rods with Steroid Termini. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 3154-3158.	7.2	30
365	Modulation of π -Electron Conjugation in Oligo(triacetylene) Chromophores by Incorporation of a Central Spacer. <i>Helvetica Chimica Acta</i> , 1999, 82, 1470-1485.	1.0	30
366	Modules for Acetylenic Scaffolding. <i>Synlett</i> , 2002, 2002, 0544-0552.	1.0	30
367	Peralkynylated Buta-1,2,3-Trienes: Exceptionally Low Rotational Barriers of Cumulenec C-C Bonds in the Range of Those of Peptide C-N Bonds. <i>Chemistry - A European Journal</i> , 2004, 10, 2906-2911.	1.7	30
368	Synthesis of Dendritic Metalloporphyrins with Distal H-Bond Donors as Model Systems for Hemoglobin. <i>Helvetica Chimica Acta</i> , 2005, 88, 120-153.	1.0	30
369	High-Affinity Inhibitors of tRNA-Guanine Transglycosylase Replacing the Function of a Structural Water Cluster. <i>Chemistry - A European Journal</i> , 2009, 15, 10809-10817.	1.7	30
370	Soaking suggests an alternative fact: Only co-crystallization discloses major ligand-induced interface rearrangements of a homodimeric tRNA-binding protein indicating a novel mode-of-inhibition. <i>PLoS ONE</i> , 2017, 12, e0175723.	1.1	30
371	An Insight into the Aromaticity of Fullerene Anions: Experimental Evidence for Diamagnetic Ring Currents in the Five-Membered Rings of C ₆₀ - and C ₇₀ -. <i>Journal of the American Chemical Society</i> , 2002, 124, 5734-5738.	6.6	29
372	Bisubstrate Inhibitors of the Enzyme Catechol O-Methyltransferase (COMT): Efficient Inhibition Despite the Lack of a Nitro Group. <i>ChemBioChem</i> , 2004, 5, 1270-1274.	1.3	29
373	Second-Generation Inhibitors for the Metalloprotease Neprilysin Based on Bicyclic Heteroaromatic Scaffolds: Synthesis, Biological Activity, and X-Ray Crystal-Structure Analysis. <i>Helvetica Chimica Acta</i> , 2005, 88, 731-750.	1.0	29
374	Multipolar interactions in the D pocket of thrombin: large differences between tricyclic imide and lactam inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 2364-2375.	1.5	29
375	Bisubstrate Inhibitors of Catechol O-Methyltransferase (COMT): the Crucial Role of the Ribose Structural Unit for Inhibitor Binding Affinity. <i>ChemMedChem</i> , 2006, 1, 340-357.	1.6	29
376	Direct Evidence for a Hydrogen Bond to Bound Dioxygen in a Myoglobin/Hemoglobin Model System and in Cobalt Myoglobin by Pulse-EPR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2600-2603.	7.2	29
377	Synthesis, Inhibition Potency, Binding Mode, and Antiprotozoal Activities of Fluorescent Inhibitors of Trypanothione Reductase Based on Mepacrine-Conjugated Diaryl Sulfide Scaffolds. <i>ChemMedChem</i> , 2009, 4, 2034-2044.	1.6	29
378	Potent and Selective Inhibition of Cysteine Proteases from <i>Plasmodium falciparum</i> and <i>Trypanosoma brucei</i> . <i>ChemMedChem</i> , 2011, 6, 273-278.	1.6	29

#	ARTICLE	IF	CITATIONS
379	Regular Acyclic and Macrocyclic [AB] Oligomers by Formation of Push-Pull Chromophores in the Chain-Growth Step. <i>Chemistry - A European Journal</i> , 2011, 17, 6088-6097.	1.7	29
380	Heat-induced formation of one-dimensional coordination polymers on Au(111): an STM study. <i>Chemical Communications</i> , 2015, 51, 14473-14476.	2.2	29
381	Halogenverbrückte supramolekulare Kapseln im Festkörper, in Lösung und in der Gasphase. <i>Angewandte Chemie</i> , 2017, 129, 1172-1177.	1.6	29
382	First tether-directed regioselective bis-functionalisation of C70: effects of cation complexation on the redox properties of diastereoisomeric fullerene crown ether conjugates. <i>Chemical Communications</i> , 2000, , 1859-1860.	2.2	28
383	Synthesis of dendritic iron(II) porphyrins with a tethered axial imidazole ligand designed as new model compounds for globins. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 4231-4233.	1.3	28
384	Chirality in Fullerene Chemistry. <i>Topics in Stereochemistry</i> , 2003, , 1-124.	2.0	28
385	H-Bonded complexes of adenine with Rebek imide receptors are stabilised by cation-π interactions and destabilised by stacking with perfluoroaromatics. <i>Chemical Communications</i> , 2004, , 370-371.	2.2	28
386	Medicinal chemistry in academia: molecular recognition with biological receptors. <i>Chemical Communications</i> , 2004, , 477.	2.2	28
387	N-Arylated 3,5-Dihydroxy-4-Hydroxydinaphtho[2,1-c:1',2'-e]azepines: Axially Chiral Donors with High Helical Twisting Powers for Nonplanar Push-Pull Chromophores. <i>Chemistry - A European Journal</i> , 2009, 15, 9005-9016.	1.7	28
388	Ion-Pair Complexation with a Cavitand Receptor. <i>Chemistry - A European Journal</i> , 2010, 16, 7813-7819.	1.7	28
389	Improved Inhibitors of Trypanothione Reductase by Combination of Motifs: Synthesis, Inhibitory Potency, Binding Mode, and Antiprotozoal Activities. <i>ChemMedChem</i> , 2011, 6, 292-301.	1.6	28
390	Catechol-O-methyltransferase in complex with substituted 3-deoxyribose bisubstrate inhibitors. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2012, 68, 253-260.	2.5	28
391	Proacetylenic Reactivity of a Push-Pull Buta-1,2,3-triene: New Chromophores and Supramolecular Systems. <i>Chemistry - an Asian Journal</i> , 2012, 7, 1185-1190.	1.7	28
392	Molekülstruktur und spektroskopische Eigenschaften des Kekulens. <i>Angewandte Chemie</i> , 1979, 91, 733-735.	1.6	27
393	C ₆₀ : From Soot to Superconductors. <i>Angewandte Chemie</i> , 1991, 103, 695-697.	1.6	27
394	Title is missing!. <i>Journal of Materials Chemistry</i> , 2001, 11, 2895-2897.	6.7	27
395	Structure-Based Design of Nonpeptidic Thrombin Inhibitors: Exploring the D-Pocket and the Oxyanion Hole. <i>Helvetica Chimica Acta</i> , 2002, 85, 1210.	1.0	27
396	Towards the Synthesis of Azoacetylenes. <i>Helvetica Chimica Acta</i> , 2003, 86, 3096-3117.	1.0	27

#	ARTICLE	IF	CITATIONS
397	Spacer-Controlled Multiple Functionalization of Fullerenes. <i>Topics in Current Chemistry</i> , 0, , 1-61.	4.0	27
398	Synthesis and Characterization of Cytidine Derivatives that Inhibit the Kinase IspE of the Non-Mevalonate Pathway for Isoprenoid Biosynthesis. <i>ChemMedChem</i> , 2008, 3, 91-101.	1.6	27
399	<i><i>N</i></i> , <i><i>N</i></i> -Dicyanoquinone Diimide-Derived Donor-Acceptor Chromophores: Conformational Analysis and Optoelectronic Properties. <i>Organic Letters</i> , 2012, 14, 54-57.	2.4	27
400	Donor-Substituted Octacyano[4]dendralenes: Investigation of π -Electron Delocalization in Their Radical Ions. <i>Journal of Organic Chemistry</i> , 2013, 78, 1760-1767.	1.7	27
401	Cavity depth and width effects on cyclophane-steroid recognition: molecular complexation of cholesterol and progesterone in aqueous solution. <i>Chemistry and Biology</i> , 1995, 2, 139-146.	6.2	26
402	1,1,2,2-Tetraethynylethanes: Synthons for Tetraethynylethenes and Modules for Acetylenic Molecular Scaffolding. <i>Helvetica Chimica Acta</i> , 1996, 79, 634-645.	1.0	26
403	Reactions of $C_{2\frac{1}{2}}$ -symmetrical C_{60} pentakis-adducts with diazomethane: regioselective formation of hexakis- to octakis-adducts and mechanism of methanofullerene formation by addition of diazomethane followed by dinitrogen extrusion. <i>Chemical Communications</i> , 1997, , 237-238.	2.2	26
404	Mapping the Fluorophilicity of a Hydrophobic Pocket: Synthesis and Biological Evaluation of Tricyclic Thrombin Inhibitors Directing Fluorinated Alkyl Groups into the P...Pocket. <i>ChemMedChem</i> , 2006, 1, 1205-1215.	1.6	26
405	How to Replace the Residual Solvation Shell of Polar Active Site Residues to Achieve Nanomolar Inhibition of tRNA-Guanine Transglycosylase. <i>ChemMedChem</i> , 2009, 4, 2012-2023.	1.6	26
406	Self-association based on orthogonal $C\equiv O \cdots C\equiv O$ interactions in the solid and liquid state. <i>Chemical Communications</i> , 2010, 46, 67-69.	2.2	26
407	Chasing Protons: How Isothermal Titration Calorimetry, Mutagenesis, and p <i>K_a</i> Calculations Trace the Locus of Charge in Ligand Binding to a tRNA-Binding Enzyme. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 5554-5565.	2.9	26
408	Push-Pull Buta-1,2,3-trienes: Exceptionally Low Rotational Barriers of Cumulenic $C\equiv\frac{3}{4}C$ Bonds and Proacetylenic Reactivity. <i>Chemistry - A European Journal</i> , 2015, 21, 6215-6225.	1.7	26
409	Design and Synthesis of Aviram-Ratner-Type Dyads and Rectification Studies in Langmuir-Blodgett (LB) Films. <i>Chemistry - A European Journal</i> , 2016, 22, 10539-10547.	1.7	26
410	Substituent Effects on Singlet Exciton Fission in Polycrystalline Thin Films of Cyano-Substituted Diaryltetracenes. <i>Journal of Physical Chemistry C</i> , 2017, 121, 21262-21271.	1.5	26
411	Repurposing a Library of Human Cathepsin L Ligands: Identification of Macrocyclic Lactams as Potent Rhodesain and <i>Trypanosoma brucei</i> Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3350-3369.	2.9	26
412	Chiral Molecular Clefs For Dicarboxylic Acid Complexation. <i>Israel Journal of Chemistry</i> , 1992, 32, 69-77.	1.0	25
413	Photochemical trans-cis isomerisation of donor/acceptor-substituted (E)-hex-3-ene-1,5-diyne (1,2-diethynylethenes, DEEs) and 3,4-diethynylhex-3-ene-1,5-diyne (tetraethynylethenes, TEEs). <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998, , 233-242.	0.9	25
414	Tetrathiafulvalene-acetylene scaffolding: new π -electron systems for advanced materials. <i>Chemical Communications</i> , 2001, , 1848-1849.	2.2	25

#	ARTICLE	IF	CITATIONS
415	Effects of the Dendrimer Cage on O ₂ Binding of Dendritic Cobalt(II) Porphyrins. <i>ChemPhysChem</i> , 2002, 3, 659.	1.0	25
416	Development of a New Class of Inhibitors for the Malarial Aspartic Protease Plasmeprin II Based on a Central 7-Azabicyclo[2.2.1]heptane Scaffold. <i>Helvetica Chimica Acta</i> , 2003, 86, 2173-2191.	1.0	25
417	Synthesis and In Vitro Evaluation of 2-Aminoquinazolin-4(3H)-one-Based Inhibitors for tRNA-Guanine Transglycosylase (TGT). <i>Helvetica Chimica Acta</i> , 2004, 87, 1333-1356.	1.0	25
418	Nucleophilic trifluoromethylation of cyclic imides using (trifluoromethyl)trimethylsilane CF ₃ SiMe ₃ . <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 2267-2269.	1.5	25
419	Einschlusskomplexe aus einem makrocyclischen Wirtmolekül und aromatischen Kohlenwasserstoffen in wässriger Lösung. <i>Angewandte Chemie</i> , 2006, 95, 730-735.	1.6	25
420	Peptidomimetic nitriles as selective inhibitors for the malarial cysteine protease falcipain-2. <i>MedChemComm</i> , 2011, 2, 800.	3.5	25
421	Enantiopure, Monodisperse Allenylacetylenic Cyclooligomers: Effect of Symmetry and Conformational Flexibility on the Chiroptical Properties of Carbon-Rich Compounds. <i>Chemistry - A European Journal</i> , 2011, 17, 3876-3885.	1.7	25
422	One-Pot Access to Push-Pull Oligoenes by Sequential [2 + 2] Cycloaddition-Retroelectrocyclization Reactions. <i>Journal of Organic Chemistry</i> , 2014, 79, 426-431.	1.7	25
423	Dispersion and Halogen-Bonding Interactions: Binding of the Axial Conformers of Monohalo- and (±)-trans-1,2-Dihalocyclohexanes in Enantiopure Allenylacetylenic Cages. <i>Journal of the American Chemical Society</i> , 2017, 139, 12190-12200.	6.6	25
424	Design neuer, nichtpeptidischer Thrombin-Inhibitoren und Struktur eines Thrombin-Inhibitor-Komplexes. <i>Angewandte Chemie</i> , 1995, 107, 1874-1877.	1.6	24
425	Poly(triacetylene) Oligomers: Conformational Analysis by X-Ray Crystallography and Synthesis of a 17.8-nm-Long Monodisperse 24-mer. <i>Helvetica Chimica Acta</i> , 2001, 84, 473-480.	1.0	24
426	Functionalized 3,3',5,5'-Tetraaryl-1,1'-Biphenyls: Novel Platforms for Molecular Receptors. <i>Helvetica Chimica Acta</i> , 2003, 86, 548-562.	1.0	24
427	Structure-Based Design and Synthesis of the First Weak Non-Phosphate Inhibitors for IspF, an Enzyme in the Non-Mevalonate Pathway of Isoprenoid Biosynthesis. <i>Helvetica Chimica Acta</i> , 2007, 90, 1043-1068.	1.0	24
428	Acetylenic tetrathiafulvalene-dicyanovinyl donor-acceptor chromophores. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3474.	1.5	24
429	Launching Spiking Ligands into a Protein-Protein Interface: A Promising Strategy To Destabilize and Break Interface Formation in a tRNA Modifying Enzyme. <i>ACS Chemical Biology</i> , 2013, 8, 1163-1178.	1.6	24
430	Post-Cycloaddition-Retroelectrocyclization Transformations of Polycyanobutadienes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 869-879.	1.2	24
431	6,6-Dicyanopentafulvenes: Teaching an Old Dog New Tricks. <i>Chemical Record</i> , 2015, 15, 19-30.	2.9	24
432	A Three-Step Synthesis of Tetrasubstituted NH-Pyrroles. <i>Organic Letters</i> , 2016, 18, 2252-2255.	2.4	24

#	ARTICLE	IF	CITATIONS
433	Hexakis-Adducts of [60]Fullerene with Different Addition Patterns: Templated Synthesis, Physical Properties, and Chemical Reactivity. <i>Helvetica Chimica Acta</i> , 2001, 84, 1207-1226.	1.0	23
434	Macrocycles Based on Phenylacetylene Scaffolding. , 2005, , 303-385.		23
435	Crystal Structure Analysis and in Silico π - π Calculations Suggest Strong π - π Shifts of Ligands as Driving Force for High-Affinity Binding to TGT. <i>ChemBioChem</i> , 2009, 10, 716-727.	1.3	23
436	Free enthalpies of replacing water molecules in protein binding pockets. <i>Journal of Computer-Aided Molecular Design</i> , 2012, 26, 1293-1309.	1.3	23
437	π -Electron conjugation effects in antiaromatic dehydro[12]- and aromatic dehydro[18]-annulenes. <i>Chemical Communications</i> , 2002, , 2318-2319.	2.2	22
438	Synthesis and properties of a ROMP backbone polymer with efficient, laterally appended nonlinear optical chromophores. <i>Journal of Materials Chemistry</i> , 2004, 14, 292-295.	6.7	22
439	A fluorine scan of non-peptidic inhibitors of neprilysin: Fluorophobic and fluorophilic regions in an enzyme active site. <i>Journal of Fluorine Chemistry</i> , 2008, 129, 852-865.	0.9	22
440	Experimental and Computational Study of BODIPY Dye-Labeled Cavitand Dynamics. <i>Journal of the American Chemical Society</i> , 2014, 136, 2441-2449.	6.6	22
441	Addressing the Glycine-Rich Loop of Protein Kinases by a Multi-Faceted Interaction Network: Inhibition of PKA and a PKB Mimic. <i>Chemistry - A European Journal</i> , 2016, 22, 211-221.	1.7	22
442	A New Class of Inhibitors for the Malarial Aspartic Protease Plasmeprin II Based on a Central 11-Azatricyclo[6.2.1.0 ^{2,7}]undeca-2,4,6-triene Scaffold. <i>Helvetica Chimica Acta</i> , 2003, 86, 2192-2209.	1.0	21
443	Enantiomerically Pure and Highly Substituted Alicyclic \pm -Difluoro Ketones: Potential Inhibitors for Malarial Aspartic Proteases, the Plasmeprins. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4617-4629.	1.2	21
444	Oriented growth of porphyrin-based molecular wires on ionic crystals analysed by nc-AFM. <i>Beilstein Journal of Nanotechnology</i> , 2011, 2, 34-39.	1.5	21
445	Impact of protein and ligand impurities on ITC-derived protein-ligand thermodynamics. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2843-2850.	1.1	21
446	Anilino-Substituted Multicyanobuta-1,3-diene Electron Acceptors: TICT Molecules with Accessible Conical Intersections. <i>Journal of Physical Chemistry A</i> , 2015, 119, 10677-10683.	1.1	21
447	Porphyrin Donor and Tunable Push-Pull Acceptor Conjugates-Experimental Investigation of Marcus Theory. <i>Chemistry - A European Journal</i> , 2017, 23, 6357-6369.	1.7	21
448	Potent Inhibitors of Plasmodial Serine Hydroxymethyltransferase (SHMT) Featuring a Spirocyclic Scaffold. <i>ChemMedChem</i> , 2018, 13, 931-943.	1.6	21
449	Mono- and di-nuclear platinum η^2 -acetylide complexes of tetraethynylethene. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, .	2.0	20
450	π -Complexes incorporating tetrakis(phenylethynyl)ethene. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1995, , 875-886.	0.9	20

#	ARTICLE	IF	CITATIONS
451	Higher Adducts of C60 by Tether-Directed Remote Functionalization: X-Ray Crystal Structure and Reactivity of a Chiral Hexakis-Cyclopropanated Fullerene with all Addends Located along an Equatorial Belt. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3813-3816.	7.2	20
452	Title is missing!. <i>Angewandte Chemie</i> , 2002, 114, 4515-4519.	1.6	20
453	Enantiomerically Pure Thrombin Inhibitors for Exploring the Molecular-Recognition Features of the Oxyanion Hole. <i>Helvetica Chimica Acta</i> , 2004, 87, 2517-2538.	1.0	20
454	Semipreparative enantioseparation of Tröger base derivatives by HPLC. <i>Chirality</i> , 2006, 18, 707-712.	1.3	20
455	Macrocyclic Cyclo[n]malonates – Synthetic Aspects and Observation of Columnar Arrangements by X-ray Crystallography. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2296-2308.	1.2	20
456	Two-Dimensional Phase Behavior of a Bimolecular Porphyrin System at the Solid–Vacuum Interface. <i>Journal of the American Chemical Society</i> , 2010, 132, 7306-7311.	6.6	20
457	Two-photon absorption and spectroscopy of the lowest two-photon transition in small donor-acceptor substituted organic molecules. <i>Physical Review A</i> , 2015, 91, .	1.0	20
458	Conformational Aspects in the Design of Inhibitors for Serine Hydroxymethyltransferase (SHMT): Biphenyl, Aryl Sulfonamide, and Aryl Sulfone Motifs. <i>Chemistry - A European Journal</i> , 2017, 23, 14345-14357.	1.7	20
459	Die [2+2]-Cycloadditions- und Retroelektrocyclisierungs (CA-RE)-Klick-Reaktion: ein einfacher Zugang zu molekularen und polymeren Push-pull-Chromophoren. <i>Angewandte Chemie</i> , 2018, 130, 3612-3638.	1.6	20
460	2,2',7,7'-Tetrahydro-1,1'-binaphthyl: A Versatile Chiral Spacer for Monotopic and Ditopic Cyclophane Hosts with Apolar Binding Sites. <i>Israel Journal of Chemistry</i> , 1989, 29, 201-212.	1.0	19
461	Aufbau des ersten Fullerenhaltigen [2]Catenans durch Selbstorganisation. <i>Angewandte Chemie</i> , 1997, 109, 1611-1614.	1.6	19
462	Donor-Acceptor-Functionalized Tetraethynylethenes with Nitrothienyl Substituents: Structure-Property Relationships. <i>Helvetica Chimica Acta</i> , 2000, 83, 1484-1508.	1.0	19
463	N,N-Dialkylaniline-Substituted Tetraethynylethenes: A New Class of Chromophores Possessing an Emitting Charge-Transfer State. <i>Experimental and Computational Studies.. ChemPhysChem</i> , 2001, 2, 423-433.	1.0	19
464	Betraying the Parasite's Redox System: Diaryl Sulfide-Based Inhibitors of Trypanothione Reductase: Subversive Substrates and Antitrypanosomal Properties. <i>ChemMedChem</i> , 2007, 2, 1708-1712.	1.6	19
465	Controlling the Dimensionality and Structure of Supramolecular Porphyrin Assemblies by their Functional Substituents: Dimers, Chains, and Close-Packed 2D Assemblies. <i>Chemistry - A European Journal</i> , 2012, 18, 14610-14613.	1.7	19
466	From Benzoguanines to Benzohypoxanthines as Ligands for Zymomonas mobilis tRNA-Guanine Transglycosylase: Replacement of Protein Ligand Hydrogen Bonding by Importing Water Clusters. <i>Chemistry - A European Journal</i> , 2012, 18, 9246-9257.	1.7	19
467	A shape-persistent alleno-acetylenic macrocycle with a modifiable periphery: synthesis, chiroptical properties and H-bond-driven self-assembly into a homochiral columnar structure. <i>Chemical Communications</i> , 2013, 49, 7605.	2.2	19
468	Platinum(II) Acetylides in the Formal [2+2] Cycloaddition-Retroelectrocyclization Reaction: Organodonor Versus Metal Activation. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3729-3740.	1.2	19

#	ARTICLE	IF	CITATIONS
469	Light-Responsive Pyrazine-Based Systems: Probing Aromatic Diarylethene Photocyclization. <i>Journal of Physical Chemistry C</i> , 2018, 122, 19100-19109.	1.5	19
470	The Quest for Molecular Grippers: Photoelectric Control of Molecular Gripping Machinery. <i>Chemistry - A European Journal</i> , 2019, 25, 8440-8452.	1.7	19
471	Title is missing!. <i>Helvetica Chimica Acta</i> , 2000, 83, 1209-1223.	1.0	18
472	Bisubstrate Inhibitors for the Enzyme Catechol O-Methyltransferase (COMT): Dramatic Effects of Ribose Modifications on Binding Affinity and Binding Mode. <i>Helvetica Chimica Acta</i> , 2003, 86, 1045-1062.	1.0	18
473	Dendritic metalloporphyrins with a distal H-bond donor as mimics of haemoglobin. Electronic supplementary information (ESI) available: procedures for the synthesis of 1 and 5 and iron(ii) insertion into the dendritic porphyrins including full spectral characterisation and complete EPR characterisation of the complex 22- $\text{Co}(\text{dmim})$ and the corresponding oxygenated complex. See http://www.rsc.org/suppdata/ob/b2/b212466h/ . <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 1090-1093.	1.5	18
474	A Novel Synthesis of Highly Substituted Perhydropyrrolizines, Perhydroindolizines, and Pyrrolidines: Inhibition of the Peptidyl-Prolylcis/trans Isomerase (PPlase) Pin1. <i>Helvetica Chimica Acta</i> , 2007, 90, 217-259.	1.0	18
475	Calculation of binding free energies of inhibitors to plasmeypsin II. <i>Journal of Computational Chemistry</i> , 2011, 32, 1801-1812.	1.5	18
476	New Rebek imide-type receptors for adenine featuring acetylene-linked π -stacking platforms. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1962-1964.	1.5	17
477	Advanced opto-electronics materials by fullerene and acetylene scaffolding. <i>Pure and Applied Chemistry</i> , 2005, 77, 1851-1863.	0.9	17
478	Selective steroid recognition by a partially bridged resorcin[4]arene cavitand. <i>Chemical Communications</i> , 2005, , 5269.	2.2	17
479	1,3-Diethynylallenes: Stable Monomers, Length-Defined Oligomers, Asymmetric Synthesis, and Optical Resolution. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3449-3462.	1.2	17
480	Cascade Pericyclic Reactions of Allenes and Acetylenes: Facile Access to Highly Substituted Cyclobutene, Dendralene, Pentalene, and Indene Skeletons. <i>Chemistry - A European Journal</i> , 2011, 17, 12906-12911.	1.7	17
481	All-optical switching with 1-ps response time in a DDMEBT enabled silicon grating coupler/resonator hybrid device. <i>Optics Express</i> , 2014, 22, 24530.	1.7	17
482	Push-pull chromophores by reaction of 2,3,5,6-tetrahalo-1,4-benzoquinones with 4-(N,N-dialkylanilino)acetylenes. <i>Tetrahedron</i> , 2016, 72, 1213-1224.	1.0	17
483	Substituenteneffekte auf Stapelwechselwirkungen parallel verschobener π -Systeme: der Abstand ist entscheidend. <i>Angewandte Chemie</i> , 2017, 129, 11405-11410.	1.6	17
484	Synthesis and Biological Evaluation of Potent Bisubstrate Inhibitors of the Enzyme Catechol O-Methyltransferase (COMT) Lacking a Nitro Group. <i>Helvetica Chimica Acta</i> , 2006, 89, 1856-1887.	1.0	16
485	Dendronised block copolymers as potential vectors for gene transfection. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1905.	1.5	16
486	Homokonjugierte Push-pull- und Spirosysteme: intramolekulare Charge-Transfer-Wechselwirkungen und nichtlineare optische Eigenschaften dritter Ordnung. <i>Angewandte Chemie</i> , 2010, 122, 6343-6347.	1.6	16

#	ARTICLE	IF	CITATIONS
487	Identification of 1,3-Diiminoisoindoline Carbohydrazides as Potential Antimalarial Candidates. <i>ChemMedChem</i> , 2012, 7, 151-158.	1.6	16
488	From Homoconjugated Push-Pull Chromophores to Donor-Acceptor-Substituted Spiro Systems by Thermal Rearrangement. <i>Chemistry - A European Journal</i> , 2014, 20, 1279-1286.	1.7	16
489	Rebek Imide Platforms as Model Systems for the Investigation of Weak Intermolecular Interactions. <i>Chemistry - A European Journal</i> , 2015, 21, 8455-8463.	1.7	16
490	Targeting a Large Active Site: Structure-Based Design of Nanomolar Inhibitors of <i>Trypanosoma brucei</i> Trypanothione Reductase. <i>Chemistry - A European Journal</i> , 2019, 25, 11416-11421.	1.7	16
491	Molecular Recognition and Cocrystallization of Methylated and Halogenated Fragments of Danicalipin A by Enantiopure Alleno-Acetylenic Cage Receptors. <i>Journal of the American Chemical Society</i> , 2020, 142, 4749-4755.	6.6	16
492	Hexakis(trimethylsilylethynyl)[3]radialen: ein kohlenstoffreicher Chromophor mit ungewöhnlichen elektronischen Eigenschaften. <i>Angewandte Chemie</i> , 1995, 107, 898-901.	1.6	15
493	Amphiphilic Dendrimers with Heteroleptic Bis([2,2':6',2'']terpyridine)-Ruthenium(II) Cores. <i>Helvetica Chimica Acta</i> , 2004, 87, 2896-2918.	1.0	15
494	Structure-Based Design, Synthesis, and in vitro Evaluation of Nonpeptidic Neprilysin Inhibitors. <i>ChemBioChem</i> , 2004, 5, 996-1000.	1.3	15
495	Fluorophore-Functionalized and Top-Covered Resorcin[4]arene Cavitands. <i>Israel Journal of Chemistry</i> , 2012, 52, 20-29.	1.0	15
496	A Mild, Thermal Pentafulvene-to-Benzene Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9827-9830.	7.2	15
497	Beyond Affinity: Enthalpy-Entropy Factorization Unravels Complexity of a Flat Structure-Activity Relationship for Inhibition of a tRNA-Modifying Enzyme. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 5566-5578.	2.9	15
498	Resorcin[4]arene-Based Molecular Baskets and Water-Soluble Container Molecules: Synthesis and ¹ H NMR Host-Guest Complexation Studies. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3575-3583.	1.2	15
499	Aryl Bis-Sulfonamide Inhibitors of IspF from <i>Arabidopsis thaliana</i> and <i>Plasmodium falciparum</i> . <i>ChemMedChem</i> , 2015, 10, 2090-2098.	1.6	15
500	Photoredox-Switchable Resorcin[4]arene Cavitands: Radical Control of Molecular Gripping Machinery via Hydrogen Bonding. <i>Chemistry - A European Journal</i> , 2018, 24, 1431-1440.	1.7	15
501	Lösen von Cholesterin in Wasser mit Hilfe eines synthetischen Rezeptors. <i>Angewandte Chemie</i> , 1994, 106, 1688-1690.	1.6	14
502	Synthesis and Characterization of Multinanometer-Sized Expanded Dendralenes with an iso-Poly(triacetylene) Backbone. <i>Helvetica Chimica Acta</i> , 2002, 85, 2169.	1.0	14
503	Synthesis of exo-3-Amino-7-azabicyclo[2.2.1]heptanes as a Class of Malarial Aspartic Protease Inhibitors: Exploration of Two Binding Pockets. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1707-1719.	1.2	14
504	Nonplanar Push-Pull Chromophores for Opto-Electronic Applications. <i>Chimia</i> , 2010, 64, 409.	0.3	14

#	ARTICLE	IF	CITATIONS
505	Effective cholesteric liquid crystal inducers based on axially chiral alleno-acetylenes. RSC Advances, 2013, 3, 22845.	1.7	14
506	Potent Inhibitors of Malarial Aspartic Proteases, the Plasmeprins, by Hydroformylation of Substituted 7-azabornenes. Chemistry - A European Journal, 2013, 19, 155-164.	1.7	14
507	Ester-Substituted Electron-Poor Alkenes for Cycloaddition-Retroelectrocyclization (CA-RE) and Related Reactions. European Journal of Organic Chemistry, 2015, 2015, 7264-7275.	1.2	14
508	Systematic Variation of Cyanobuta-1,3-dienes and Expanded Tetracyanoquinodimethane Analogues as Electron Acceptors in Photoactive, Rigid Porphyrin Conjugates. European Journal of Organic Chemistry, 2015, 2015, 91-108.	1.2	14
509	Tricyclo[6.2.0.03,6]deca-1,3,6,8-tetraene: A Remarkably Stable para-Quinodimethane from a Novel Rearrangement Reaction. Angewandte Chemie International Edition in English, 1993, 32, 1706-1709.	4.4	13
510	Structure-Function Relationships in the Complexation of Steroids by a Synthetic Receptor. Helvetica Chimica Acta, 1999, 82, 1843-1859.	1.0	13
511	Probing Hydrogen Bonding to Bound Dioxygen in Synthetic Models for Heme Proteins: The Importance of Precise Geometry. Chemistry - A European Journal, 2009, 15, 125-135.	1.7	13
512	Imidazole- and Benzimidazole-Based Inhibitors of the Kinase IspE: Targeting the Substrate-Binding Site and the Triphosphate-Binding Loop of the ATP Site. European Journal of Organic Chemistry, 2013, 2013, 1068-1079.	1.2	13
513	New reactivity of 6,6-bis-donor-substituted pentafulvenes: one-step synthesis of highly substituted [3]cumulene and dihydropentalene. Tetrahedron, 2015, 71, 4393-4399.	1.0	13
514	The 6,6-Dicyanopentafulvene Core: A Template for the Design of Electron-Acceptor Compounds. Chemistry - A European Journal, 2015, 21, 8168-8176.	1.7	13
515	Systematic Investigation of Resorcin[4]arene-Based Cavitands as Affinity Materials on Quartz Crystal Microbalances. ChemPlusChem, 2017, 82, 493-497.	1.3	13
516	Biological Evaluation and X-Ray Crystal Structures of Cyclohexylpyrrolidine Ligands for Trypanothione Reductase, an Enzyme from the Redox Metabolism of Trypanosoma. ChemMedChem, 2018, 13, 957-967.	1.6	13
517	Theoretical Studies on Acetylenic Scaffolds. , 2005, , 1-50.		12
518	First asymmetric synthesis of a differentially silyl-protected tris(alkynyl)methyl methyl ether. Organic and Biomolecular Chemistry, 2006, 4, 1206.	1.5	12
519	Photophysics of two Prototypical Molecular-Wire Building Blocks: Solvent-Induced Conformational Dynamics?. ChemPhysChem, 2010, 11, 1700-1710.	1.0	12
520	Enantiopure Laterally Functionalized Alleno-Acetylenic Macrocycles: Synthesis, Chiroptical Properties, and Self-Assembly in Aqueous Media. Chemistry - A European Journal, 2014, 20, 16070-16073.	1.7	12
521	Outstanding Chiroptical Properties: A Signature of Enantiomerically Pure Alleno-Acetylenic Macrocycles and Monodisperse Acyclic Oligomers. Chemistry - A European Journal, 2014, 20, 9558-9566.	1.7	12
522	Paramagnetic Molecular Grippers: The Elements of Six-State Redox Switches. Journal of Physical Chemistry Letters, 2016, 7, 2470-2477.	2.1	12

#	ARTICLE	IF	CITATIONS
523	Helical Threads: Enantiomerically Pure Carbo[6]Helicene Oligomers. <i>Chemistry - A European Journal</i> , 2017, 23, 14153-14157.	1.7	12
524	Mechanism of Allosteric Inhibition of the Enzyme IspD by Three Different Classes of Ligands. <i>ACS Chemical Biology</i> , 2017, 12, 2132-2138.	1.6	12
525	A Four-Step Synthesis of Substituted 5,11-Dicyano-12-diaryltetracenes with Enhanced Stability and High Fluorescence Emission. <i>Chemistry - A European Journal</i> , 2018, 24, 159-168.	1.7	12
526	Coalescence reactions of fullerenes. <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1993, 26, 300-304.	1.0	11
527	Shape-Persistent Acetylenic Macrocycles for Ordered Systems. , 2005, , 427-452.		11
528	Regioselectivity in Tether-Directed Remote Functionalization – The Addition of a Cyclotrimeratrylene-Based Trimalonate to C ₆₀ Revisited. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4402-4411.	1.2	11
529	Acetylenic Tetrathiafulvalene Scaffolds – Intramolecular Charge-Transfer Molecules. <i>Helvetica Chimica Acta</i> , 2011, 94, 1743-1753.	1.0	11
530	Occupying a flat subpocket in a tRNA-modifying enzyme with ordered or disordered side chains: Favorable or unfavorable for binding?. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 4900-4910.	1.4	11
531	Enantiopure Allenyl-Acetylenic Helicenes Containing Multiple Binding Sites. <i>Chemistry - A European Journal</i> , 2016, 22, 16172-16177.	1.7	11
532	Shape-Persistent Macrocycles Based on Acetylenic Scaffolding. , 0, , 185-231.		10
533	Donor-Substituted Diphenylacetylene Derivatives Act as Electron Donors and Acceptors. <i>Journal of Organic Chemistry</i> , 2011, 76, 5628-5635.	1.7	10
534	High-affinity inhibitors of <i>Zymomonas mobilis</i> tRNA-guanine transglycosylase through convergent optimization. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 1798-1807.	2.5	10
535	Unraveling a Ligand-Induced Twist of a Homodimeric Enzyme by Pulsed Electron-Double Resonance. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23419-23426.	7.2	10
536	Swapping Interface Contacts in the Homodimeric tRNA-Guanine Transglycosylase: An Option for Functional Regulation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10085-10090.	7.2	10
537	Chemical retro-cyclopropanation reactions in methanofullerenes: effect of the 18-crown-6 moiety. <i>Journal of Supramolecular Chemistry</i> , 2001, 1, 299-303.	0.4	9
538	Are We Refereeing Ourselves to Death? The Peer-Review System at Its Limit. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13828-13829.	7.2	9
539	Exploring the Strength of the H-Bond in Synthetic Models for Heme Proteins: The Importance of the N ^δ H Acidity of the Distal Base. <i>Chemistry - A European Journal</i> , 2016, 22, 10194-10202.	1.7	9
540	Unconventional Synthesis of a Cu ^I Rotaxane with a Superacceptor Stopper: Ultrafast Excited-State Dynamics and Near-Infrared Luminescence. <i>Chemistry - A European Journal</i> , 2018, 24, 10422-10433.	1.7	9

#	ARTICLE	IF	CITATIONS
541	Spectro-electrochemical toolbox for monitoring and controlling quinone-mediated redox-driven molecular gripping. <i>Electrochimica Acta</i> , 2019, 313, 544-560.	2.6	9
542	40 Jahre supramolekulare Chemie. <i>Angewandte Chemie</i> , 2007, 119, 68-70.	1.6	8
543	First enantiomerically pure C ₇₀ -adducts with a non-inherently chiral addition pattern. <i>New Journal of Chemistry</i> , 2009, 33, 386-396.	1.4	8
544	125 Years of Chemistry in the Mirror of "Angewandte". <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2714-2742.	7.2	8
545	Towards Stapling of Helical Allene Acetylene Oligomers " Synthesis of an Enantiopure Bis(ethynylvinylidene) Substituted Cyclohexadeca[1,3,9,11]tetrayne. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 941-953.	1.2	8
546	Replacement of Water Molecules in a Phosphate Binding Site by Furanoside Appended Benzoguanine Ligands of tRNA Guanine Transglycosylase (TGT). <i>Chemistry - A European Journal</i> , 2015, 21, 126-135.	1.7	8
547	Synthesis of Dicyano Substituted Benzo[c]fluorenes from Tetraaryl[3]cumulenes. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2919-2924.	1.2	8
548	Electronic Structures and Chiroptical Properties of Postfunctionalized Helicene Quinones. <i>Chemistry - A European Journal</i> , 2016, 22, 7152-7157.	1.7	8
549	Penta[2,4]dienes by Formal [3+2] Cycloaddition Rearrangement of Electron Deficient Diethyl (Dicyanomethylene)malonate with Alkynes. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 716-724.	1.2	8
550	Allene acetylenische Käfigrezeptoren (AAKs) " chiroptische Schaltung und enantioselektive Komplexierung von trans-1,2-Dimethylcyclohexan in einer diaxialen Konformation. <i>Angewandte Chemie</i> , 2016, 128, 14659-14664.	1.6	8
551	Hydrogen Bonded Networks: Molecular Recognition of Cyclic Alcohols in Enantiopure Allene Acetylenic Cage Receptors. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16296-16301.	7.2	8
552	Aryl bis-sulfonamides bind to the active site of a homotrimeric isoprenoid biosynthesis enzyme IspF and extract the essential divalent metal cation cofactor. <i>Chemical Science</i> , 2018, 9, 5976-5986.	3.7	8
553	Exploiting the Confined Reactivity of C _{2v} -Symmetrical Pentakis-Adducts of [60]Fullerene: Regioselective Formation of Hexakis-, Heptakis-, and Octakis-Adducts with Novel Addition Patterns by Addition of Diazomethane Followed by Dinitrogen Extrusion. <i>Helvetica Chimica Acta</i> , 2001, 84, 1635-1660.	1.0	7
554	Molecular Recognition Studies with Cyclophane Receptors in Aqueous Solutions. , 2005, , 519-546.		7
555	Fullerene- and porphyrin-appended crown ethers: Synthesis and preparation of stable langmuir and langmuir-blodgett films. <i>Israel Journal of Chemistry</i> , 2005, 45, 303-319.	1.0	7
556	A convenient synthesis of new chromophoric tetracyanobutadiene-scaffolded peptides via a dipolar [2+2] cycloaddition cycloreversion reaction. <i>Tetrahedron Letters</i> , 2011, 52, 4021-4025.	0.7	7
557	Exploring the Ribose Sub Pocket of the Substrate Binding Site in <i>Escherichia coli</i> IspE: Structure Based Design, Synthesis, and Biological Evaluation of Cytosines and Cytosine Analogues. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3278-3287.	1.2	7
558	5-Substituted (1-Thiolan-2-yl)cytosines as Inhibitors of <i>A. aeolicus</i> and <i>E. coli</i> IspE Kinases: Very Different Affinities to Similar Substrate Binding Sites. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 880-887.	1.2	7

#	ARTICLE	IF	CITATIONS
559	On the association of neutral and cationic tris(tetrathiafulvaleno)dodecadehydro[18]annulenes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 425-429.	1.5	7
560	Enhancement of Push-Pull Properties of Pentafulvene and Pentafulvalene Derivatives by Protonation at Carbon. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 739-749.	1.2	7
561	Sugar Acetonides are a Superior Motif for Addressing the Large, Solvent-Exposed Ribose 3' Pocket of tRNA-Guanine Transglycosylase. <i>Chemistry - A European Journal</i> , 2018, 24, 9957-9967.	1.7	7
562	Light-actuated resorcin[4]arene cavitands. <i>Tetrahedron</i> , 2018, 74, 5615-5626.	1.0	7
563	Stimuli-Responsive Resorcin[4]arene Cavitands: Toward Visible-Light-Activated Molecular Grippers. <i>Chemistry - A European Journal</i> , 2020, 26, 11451-11461.	1.7	7
564	A new synthon for the incorporation of [60]fullerene in macrocycles. <i>New Journal of Chemistry</i> , 1999, 23, 1125-1127.	1.4	6
565	Facile Synthesis of Diastereoisomerically and Optically Pure 2-Substituted Hexahydro-1H-pyrrolizin-3-ones. <i>Helvetica Chimica Acta</i> , 2005, 88, 2250-2261.	1.0	6
566	A convenient [2+2] cycloaddition-cycloreversion reaction for the synthesis of 1,1-dicyanobuta-1,3-diene-scaffolded peptides as new imaging chromophores. <i>Tetrahedron Letters</i> , 2011, 52, 6963-6967.	0.7	6
567	25 Years Full of Chemical Discovery. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8-12.	7.2	6
568	Adsorbate-Induced Modification of the Confining Barriers in a Quantum Box Array. <i>ACS Nano</i> , 2018, 12, 768-778.	7.3	6
569	Functional Conjugated Materials for Optonics and Electronics by Tetraethynylethene Molecular Scaffolding. , 0, , 196-216.		5
570	Synthesis of 1,2,4-Trisubstituted Imidazoles and 1,3,5-Trisubstituted 1,2,4-Triazoles. <i>Heterocycles</i> , 2008, 76, 401.	0.4	5
571	Optically Active Trialkynyl(phenyl)methane: Synthesis and Determination of Its Absolute Configuration by Vibrational Circular Dichroism (VCD) and Optical Rotatory Dispersion (ORD). <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2452-2456.	1.2	5
572	Ground and Excited State Electronic Interactions in Push-Pull-Chromophore-[60]Fullerene Conjugates. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2014, 22, 99-127.	1.0	5
573	Thioether-Functionalized Quinone-Based Resorcin[4]arene Cavitands: Electroswitchable Molecular Actuators. <i>Helvetica Chimica Acta</i> , 2019, 102, e1800225.	1.0	5
574	25 Jahre voller Entdeckungen in der Chemie. <i>Angewandte Chemie</i> , 2011, 123, 8-12.	1.6	4
575	Synthesis of <i>trans</i> -A ₂ B ₂ - and <i>trans</i> -A ₂ BC-Porphyrins with Polar 4-(Dimethylamino)tolan-4-yl Substituents, and a Screening Protocol for Vapor-Phase Deposition on Metal Surfaces. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5705-5719.	1.2	4
576	Alleno-acetylenic scaffolding for the construction of axially chiral C ₆₀ dimers. <i>Tetrahedron</i> , 2014, 70, 6193-6202.	1.0	4

#	ARTICLE	IF	CITATIONS
577	An Immuicillin-Based Transition-State Analogous Inhibitor of tRNA-Guanine Transglycosylase (TGT). Chemistry - A European Journal, 2016, 22, 6750-6754.	1.7	4
578	Fragment Screening Hit Draws Attention to a Novel Transient Pocket Adjacent to the Recognition Site of the tRNA-Modifying Enzyme TGT. Journal of Medicinal Chemistry, 2020, 63, 6802-6820.	2.9	4
579	Reviews in Angewandte Chemie: Influence, Language, Competition. Angewandte Chemie - International Edition, 2005, 44, 2308-2309.	7.2	3
580	Aufsätze der Angewandten Chemie: Einfluss, Sprachkultur, Wettbewerb. Angewandte Chemie, 2005, 117, 2360-2361.	1.6	3
581	Optimizing specific third-order polarizabilities and approaching the fundamental limit in donor substituted cyanoethynylethene (CEE) molecules. , 2006, 6331, 633101.		3
582	125 Years <i>Angewandte Chemie</i> . Angewandte Chemie - International Edition, 2013, 52, 6-7.	7.2	3
583	8-Substituted, <i>syn</i> -Configured Adenosine Derivatives as Potential Inhibitors of the Enzyme IspE from the Non-Mevalonate Pathway of Isoprenoid Biosynthesis. European Journal of Organic Chemistry, 2015, 2015, 7276-7286.	1.2	3
584	Metal-acetylide addition to tetracyanoethylene. Tetrahedron Letters, 2017, 58, 2414-2416.	0.7	3
585	Determination of End-to-End Distances in a Series of TEMPO Diradicals of up to 2.8 nm Length with a New Four-Pulse Double Electron Resonance Experiment. , 1998, 37, 2833.		3
586	Structure and properties of superconducting and nonsuperconducting alkali-metal fullerenes $A_{x}C_{60}$ (A = Na, K, Rb, or Cs). Makromolekulare Chemie Macromolecular Symposia, 1992, 59, 389-397.	0.6	2
587	Interactions with Aromatic Rings in Chemical and Biological Recognition.. ChemInform, 2003, 34, no.	0.1	2
588	Austausch der Proteinkontaktflächen in der homodimeren tRNA-Guanin-Transglycosylase: ein Weg der funktionellen Regulation. Angewandte Chemie, 2018, 130, 10242-10247.	1.6	2
589	Linear Monodisperse π -Conjugated Oligomers: Model Compounds for Polymers and More. , 1999, 38, 1350.		2
590	Rebek Imides and Their Adenine Complexes: Preferences for Hoogsteen Binding in the Solid State and in Solution. Chemistry - A European Journal, 2002, 8, 763-763.	1.7	1
591	From Fullerenes to Novel Carbon Allotropes: Exciting Prospects for Organic Synthesis. , 2005, , 161-186.		1
592	Begutachten wir uns zu Tode? Das Peer-Review-System am Limit. Angewandte Chemie, 2013, 125, 14072-14073.	1.6	1
593	Small Molecule Crystallography in the Laboratory of Organic Chemistry at ETH Zürich. Israel Journal of Chemistry, 2017, 57, 39-54.	1.0	1
594	Wasserstoffbrücken-Netzwerke: molekulare Erkennung zyklischer Alkohole in enantiomerenreinen allenyl-acetylenischen Käfigrezeptoren. Angewandte Chemie, 2018, 130, 16534-16539.	1.6	1

#	ARTICLE	IF	CITATIONS
595	Charge-Transfer Salts of 6,6-Dicyanopentafulvenes: From Topology to Charge Separation in Solution. Chemistry - A European Journal, 2018, 24, 13616-13623.	1.7	1
596	<i>In My Element</i>: Carbon. Chemistry - A European Journal, 2019, 25, 3968-3968.	1.7	1
597	Entschlüsselung der ligandeninduzierten Verdrehung eines homodimeren Enzyms mit Hilfe der gepulsten Elektron-Elektron-Doppelresonanz-Spektroskopie. Angewandte Chemie, 2021, 133, 23607.	1.6	1
598	Determination of End-to-End Distances in a Series of TEMPO Diradicals of up to 2.8 nm Length with a New Four-Pulse Double Electron Electron Resonance Experiment. , 1998, 37, 2833.		1
599	Monodisperse Poly(triacetylene) Rods: Synthesis of a 11.9 nm Long Molecular Wire and Direct Determination of the Effective Conjugation Length by UV/Vis and Raman Spectroscopies. , 1999, 38, 817.		1
600	Dendritic Iron Porphyrins with Tethered Axial Ligands: New Model Compounds for Cytochromes. , 1999, 38, 3215.		1
601	Cyclophane-Type Fullerene-dibenzo[18]crown-6 Conjugates with trans-1, trans-2, and trans-3 Addition Patterns: Regioselective Templated Synthesis, X-Ray Crystal Structure, Ionophoric Properties, and Cation-Complexation-Dependent Redox Behavior. , 1999, 82, 1572.		1
602	¹⁹ F-NMR Unveils the Ligand-Induced Conformation of a Catalytically Inactive Twisted Homodimer of tRNA-Guanine Transglycosylase. ACS Chemical Biology, 2022, 17, 1745-1755.	1.6	1
603	White-light-continuum spectroscopy to determine third-order nonlinear optical properties. , 2001, , .		0
604	Titelbild: Angew. Chem. 22/2002. Angewandte Chemie, 2002, 114, 4329-4329.	1.6	0
605	Cover Picture: Angew. Chem. Int. Ed. 22/2002. Angewandte Chemie - International Edition, 2002, 41, 4155-4155.	7.2	0
606	De novo Design, Synthesis, and in vitro Evaluation of a New Class of Nonpeptidic Inhibitors of the Malarial Enzyme Plasmeprin II.. ChemInform, 2003, 34, no.	0.1	0
607	The Art of Acetylenic Scaffolding: Rings, Rods, and Switches. ChemInform, 2003, 34, no.	0.1	0
608	Functionalized 3,3',5,5'-Tetraaryl-1,1'-biphenyls: Novel Platforms for Molecular Receptors.. ChemInform, 2003, 34, no.	0.1	0
609	Towards the Synthesis of Azoacetylenes.. ChemInform, 2004, 35, no.	0.1	0
610	Redox Properties of Linear and Cyclic Scaffolds Based on Di- and Tetraethynylethene. ChemInform, 2004, 35, no.	0.1	0
611	Enantiomerically Pure Thrombin Inhibitors for Exploring the Molecular-Recognition Features of the Oxyanion Hole. ChemInform, 2005, 36, no.	0.1	0
612	Synthesis of 1,4-Diethynyl- and 1,1,4,4-Tetraethynylbutatrienes.. ChemInform, 2005, 36, no.	0.1	0

#	ARTICLE	IF	CITATIONS
613	Orthogonal Multipolar Interactions in Structural Chemistry and Biology. ChemInform, 2005, 36, no.	0.1	0
614	Extended conjugation and its effect on the third-order nonlinearities of charge transfer chromophores. , 2007, , .		0
615	Cover Picture: Direct Evidence for a Hydrogen Bond to Bound Dioxygen in a Myoglobin/Hemoglobin Model System and in Cobalt Myoglobin by Pulse-EPR Spectroscopy (Angew. Chem. Int. Ed. 14/2008). Angewandte Chemie - International Edition, 2008, 47, 2515-2515.	7.2	0
616	Inside Cover: Synthesis, Inhibition Potency, Binding Mode, and Antiprotozoal Activities of Fluorescent Inhibitors of Trypanothione Reductase Based on Mepacrine-Conjugated Diaryl Sulfide Scaffolds (ChemMedChem 12/2009). ChemMedChem, 2009, 4, 1958-1958.	1.6	0
617	Titelbild: Ein enantiomerenreiner alleno-acetylenischer Makrocyclus: Synthese und Interpretation seiner herausragenden chiroptischen Eigenschaften (Angew. Chem. 30/2009). Angewandte Chemie, 2009, 121, 5485-5485.	1.6	0
618	Cover Picture: An Enantiomerically Pure Alleno-Acetylenic Macrocycle: Synthesis and Rationalization of Its Outstanding Chiroptical Response (Angew. Chem. Int. Ed. 30/2009). Angewandte Chemie - International Edition, 2009, 48, 5381-5381.	7.2	0
619	Novel Extended Tetrathiafulvalenes Based on Acetylenic Spacers: Synthesis and Electronic Properties.. ChemInform, 2002, 33, 127-127.	0.1	0
620	Inside Cover: Enantiomerically Pure Alleno-Acetylenic Macrocycles: Synthesis, Solid-State Structures, Chiroptical Properties, and Electron Localization Function Analysis (Chem. Eur. J. 32/2010). Chemistry - A European Journal, 2010, 16, 9694-9694.	1.7	0
621	125 JahreAngewandte Chemie. Angewandte Chemie, 2013, 125, 6-7.	1.6	0
622	Frontispiece: Replacement of Water Molecules in a Phosphate Binding Site by Furanoside-Appendedlin-Benzoguanine Ligands of tRNA-Guanine Transglycosylase (TGT). Chemistry - A European Journal, 2015, 21, n/a-n/a.	1.7	0
623	Titelbild: Halogenverbrückte supramolekulare Kapseln im Festkörper, in Lösung und in der Gasphase (Angew. Chem. 4/2017). Angewandte Chemie, 2017, 129, 929-929.	1.6	0
624	Frontispiece: The Quest for Molecular Grippers: Photoelectric Control of Molecular Gripping Machinery. Chemistry - A European Journal, 2019, 25, .	1.7	0