

François Diederich

List of Publications by Year in descending order

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31697
citing authors

#	ARTICLE	IF	CITATIONS
1	¹⁹ F-NMR Unveils the Ligand-Induced Conformation of a Catalytically Inactive Twisted Homodimer of tRNA ^{Asp} -Guanine Transglycosylase. ACS Chemical Biology, 2022, 17, 1745-1755.	1.6	1
2	Unraveling a Ligand-Induced Twist of a Homodimeric Enzyme by Pulsed Electron ^{2D} -Electron Double Resonance. Angewandte Chemie - International Edition, 2021, 60, 23419-23426.	7.2	10
3	Entschlüsselung der ligandeninduzierten Verdrehung eines homodimeren Enzyms mit Hilfe der gepulsten Elektron ^{2D} -Elektron ^{2D} -Doppelresonanz ^{2D} -Spektroskopie. Angewandte Chemie, 2021, 133, 23607.	1.6	1
4	Stimuli-Responsive Resorcin[4]arene Cavitands: Toward Visible ^{2D} -Light ^{2D} -Activated Molecular Grippers. Chemistry - A European Journal, 2020, 26, 11451-11461.	1.7	7
5	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
6	Molecular Recognition and Cocrystallization of Methylated and Halogenated Fragments of Danicalipin A by Enantiopure Allenic Cage Receptors. Journal of the American Chemical Society, 2020, 142, 4749-4755.	6.6	16
7	Targeting a Large Active Site: Structure ^{2D} -Based Design of Nanomolar Inhibitors of <i>Trypanosoma brucei</i> Trypanothione Reductase. Chemistry - A European Journal, 2019, 25, 11416-11421.	1.7	16
8	Frontispiece: The Quest for Molecular Grippers: Photo ^{2D} -Electric Control of Molecular Gripping Machinery. Chemistry - A European Journal, 2019, 25, .	1.7	0
9	The Quest for Molecular Grippers: Photo ^{2D} -Electric Control of Molecular Gripping Machinery. Chemistry - A European Journal, 2019, 25, 8440-8452.	1.7	19
10	Helicene Monomers and Dimers: Chiral Chromophores Featuring Strong Circularly Polarized Luminescence. Chemistry - A European Journal, 2019, 25, 8003-8007.	1.7	45
11	Spectro-electrochemical toolbox for monitoring and controlling quinone-mediated redox-driven molecular gripping. Electrochimica Acta, 2019, 313, 544-560.	2.6	9
12	Thioether ^{2D} -Functionalized Quinone ^{2D} -Based Resorcin[4]arene Cavitands: Electroswitchable Molecular Actuators. Helvetica Chimica Acta, 2019, 102, e1800225.	1.0	5
13	<i>In My Element</i> : Carbon. Chemistry - A European Journal, 2019, 25, 3968-3968.	1.7	1
14	Chalcogen Bonding ^{2D} 2N Squares ^{2D} -versus Competing Interactions: Exploring the Recognition Properties of Sulfur. Chemistry - A European Journal, 2019, 25, 323-333.	1.7	76
15	The [2+2] Cycloaddition ^{2D} -Retroelectrocyclization (CA ^{2D} -RE) Click Reaction: Facile Access to Molecular and Polymeric Push ^{2D} -Pull Chromophores. Angewandte Chemie - International Edition, 2018, 57, 3552-3577.	7.2	120
16	Potent Inhibitors of <i>Plasmodial</i> Serine Hydroxymethyltransferase (SHMT) Featuring a Spirocyclic Scaffold. ChemMedChem, 2018, 13, 931-943.	1.6	21
17	Biological Evaluation and X ^{2D} -ray Co ^{2D} -Crystal Structures of Cyclohexylpyrrolidine Ligands for Trypanothione Reductase, an Enzyme from the Redox Metabolism of Trypanosoma. ChemMedChem, 2018, 13, 957-967.	1.6	13
18	Molecular Recognition with Resorcin[4]arene Cavitands: Switching, Halogen-Bonded Capsules, and Enantioselective Complexation. Journal of the American Chemical Society, 2018, 140, 2705-2717.	6.6	113

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19	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
20	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
21	Adsorbate-Induced Modification of the Confining Barriers in a Quantum Box Array. <i>ACS Nano</i> , 2018, 12, 768-778.	7.3	6
22	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
23	Repurposing a Library of Human Cathepsin L Ligands: Identification of Macrocyclic Lactams as Potent Rhodocyclin and <i>Trypanosoma brucei</i> Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3350-3369.	2.9	26
24	2 <i>H</i> -1,2,3-Triazole-Based Dipeptidyl Nitriles: Potent, Selective, and Trypanocidal Rhodocyclin Inhibitors by Structure-Based Design. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3370-3388.	2.9	40
25	A Four-Step Synthesis of Substituted 5,11-Dicyano-6,12-diaryltetracenes with Enhanced Stability and High Fluorescence Emission. <i>Chemistry - A European Journal</i> , 2018, 24, 159-168.	1.7	12
26	Hydrogen-Bonded Networks: Molecular Recognition of Cyclic Alcohols in Enantiopure Allenylacetylenic Cage Receptors. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16296-16301.	7.2	8
27	Die [2+2]-Cycloadditions-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
28	Supramolecular Capsules: Strong versus Weak Chalcogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 17259-17264.	7.2	117
29	Wasserstoffbrücken-Netzwerke: molekulare Erkennung zyklischer Alkohole in enantiomerenreinen allenylacetylenischen Käfigrezeptoren. <i>Angewandte Chemie</i> , 2018, 130, 16534-16539.	1.6	1
30	Supramolekulare Kapseln: starke und schwache Chalkogenbrücken im Vergleich. <i>Angewandte Chemie</i> , 2018, 130, 17506-17512.	1.6	33
31	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
32	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
33	Austausch der Proteinkontaktflächen in der homodimeren tRNA-Guanin-Transglycosylase: ein Weg der funktionellen Regulation. <i>Angewandte Chemie</i> , 2018, 130, 10242-10247.	1.6	2
34	Light-actuated resorcin[4]arene cavitands. <i>Tetrahedron</i> , 2018, 74, 5615-5626.	1.0	7
35	Charge-Transfer Salts of 6,6-Dicyanopentafulvenes: From Topology to Charge Separation in Solution. <i>Chemistry - A European Journal</i> , 2018, 24, 13616-13623.	1.7	1
36	Light-Responsive Pyrazine-Based Systems: Probing Aromatic Diarylethene Photocyclization. <i>Journal of Physical Chemistry C</i> , 2018, 122, 19100-19109.	1.5	19

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37	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
38	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
39	Halogenverbrückte supramolekulare Kapseln im Festkörper, in Lösung und in der Gasphase. <i>Angewandte Chemie</i> , 2017, 129, 1172-1177.	1.6	29
40	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
41	Systematic Investigation of Resorcin[4]arene-Based Cavitands as Affinity Materials on Quartz Crystal Microbalances. <i>ChemPlusChem</i> , 2017, 82, 493-497.	1.3	13
42	Metal-acetylide addition to tetracyanoethylene. <i>Tetrahedron Letters</i> , 2017, 58, 2414-2416.	0.7	3
43	Substituent Effects in Parallel-Displaced π - π Stacking Interactions: Distance Matters. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11252-11257.	7.2	91
44	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
45	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
46	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
47	Inhibition of the Cysteine Protease Human Cathepsin-L by Triazine Nitriles: Amide...Heteroarene π - π Stacking Interactions and Chalcogen Bonding in the S3 Pocket. <i>ChemMedChem</i> , 2017, 12, 257-270.	1.6	42
48	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
49	Helical Threads: Enantiomerically Pure Carbo[6]Helicene Oligomers. <i>Chemistry - A European Journal</i> , 2017, 23, 14153-14157.	1.7	12
50	Titelbild: Halogenverbrückte supramolekulare Kapseln im Festkörper, in Lösung und in der Gasphase (<i>Angew. Chem.</i> 4/2017). <i>Angewandte Chemie</i> , 2017, 129, 929-929.	1.6	0
51	Substituenteneffekte auf Stapelwechselwirkungen parallel verschobener π - π Systeme: der Abstand ist entscheidend. <i>Angewandte Chemie</i> , 2017, 129, 11405-11410.	1.6	17
52	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
53	Dispersion and Halogen-Bonding Interactions: Binding of the Axial Conformers of Monohalo- and (\pm)-trans-1,2-Dihalocyclohexanes in Enantiopure Alleno-Acetylenic Cages. <i>Journal of the American Chemical Society</i> , 2017, 139, 12190-12200.	6.6	25
54	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

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55	Small Molecule Crystallography in the Laboratory of Organic Chemistry at ETH Zürich. Israel Journal of Chemistry, 2017, 57, 39-54.	1.0	1
56	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. PLoS ONE, 2017, 12, e0175723.	1.1	30
57	Synthesis of Dicyano-Substituted Benzo[c]fluorenes from Tetraaryl[3]cumulenes. European Journal of Organic Chemistry, 2016, 2016, 2919-2924.	1.2	8
58	Exploring the Strength of the H-Bond in Synthetic Models for Heme Proteins: The Importance of the N ^H Acidity of the Distal Base. Chemistry - A European Journal, 2016, 22, 10194-10202.	1.7	9
59	Intense Ground-State Charge-Transfer Interactions in Low-Bandgap, Panchromatic Phthalocyanine-Tetracyanobuta-1,3-diene Conjugates. Angewandte Chemie - International Edition, 2016, 55, 5560-5564.	7.2	54
60	Electronic Structures and Chiroptical Properties of Post-Functionalized Helicene Quinones. Chemistry - A European Journal, 2016, 22, 7152-7157.	1.7	8
61	Penta-2,4-dien-1-ones by Formal [3+2] Cycloaddition-Rearrangement of Electron-Deficient Diethyl 2-(Dicyanomethylene)malonate with Alkynes. European Journal of Organic Chemistry, 2016, 2016, 716-724.	1.2	8
62	Intense Ground-State Charge-Transfer Interactions in Low-Bandgap, Panchromatic Phthalocyanine-Tetracyanobuta-1,3-diene Conjugates. Angewandte Chemie, 2016, 128, 5650-5654.	1.6	31
63	Addressing the Glycine-Rich Loop of Protein Kinases by a Multi-Faceted Interaction Network: Inhibition of PKA and a PKB Mimic. Chemistry - A European Journal, 2016, 22, 211-221.	1.7	22
64	A Three-Step Synthesis of Tetrasubstituted NH-Pyrroles. Organic Letters, 2016, 18, 2252-2255.	2.4	24
65	Allenacetylenic Cage (AAC) Receptors: Chiroptical Switching and Enantioselective Complexation of trans-1,2-Dimethylcyclohexane in a Diaxial Conformation. Angewandte Chemie - International Edition, 2016, 55, 14444-14449.	7.2	38
66	Occupying a flat subpocket in a tRNA-modifying enzyme with ordered or disordered side chains: Favorable or unfavorable for binding?. Bioorganic and Medicinal Chemistry, 2016, 24, 4900-4910.	1.4	11
67	Design and Synthesis of Aviram-Ratner-Type Dyads and Rectification Studies in Langmuir-Blodgett (LB) Films. Chemistry - A European Journal, 2016, 22, 10539-10547.	1.7	26
68	Enantiopure Allenacetylenic Helicages Containing Multiple Binding Sites. Chemistry - A European Journal, 2016, 22, 16172-16177.	1.7	11
69	Allenacetylenische Käfigrezeptoren (AAKs) - chiroptische Schaltung und enantioselective Komplexierung von trans-1,2-Dimethylcyclohexan in einer diaxialen Konformation. Angewandte Chemie, 2016, 128, 14659-14664.	1.6	8
70	Fluorine Scan of Inhibitors of the Cysteine Protease Human Cathepsin-L: Dipolar and Quadrupolar Effects in the Stacking of Fluorinated Phenyl Rings on Peptide Amide Bonds. ChemMedChem, 2016, 11, 1042-1047.	1.6	35
71	An Immucillin-Based Transition-State Analogous Inhibitor of tRNA-Guanine Transglycosylase (TGT). Chemistry - A European Journal, 2016, 22, 6750-6754.	1.7	4
72	Paramagnetic Molecular Grippers: The Elements of Six-State Redox Switches. Journal of Physical Chemistry Letters, 2016, 7, 2470-2477.	2.1	12

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73	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
74	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
75	Halogenverbrückte molekulare Kapseln. <i>Angewandte Chemie</i> , 2015, 127, 12516-12521.	1.6	47
76	Subpicosecond Singlet Exciton Fission in Cyano-substituted Diaryltetracenes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8679-8683.	7.2	65
77	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
78	8-substituted, syn-configured Adenosine Derivatives as Potential Inhibitors of the Enzyme IspE from the Non-mevalonate Pathway of Isoprenoid Biosynthesis. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7276-7286.	1.2	3
79	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
80	Ester-substituted Electron-poor Alkenes for Cycloaddition-Retroelectrocyclization (CA-RE) and Related Reactions. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7264-7275.	1.2	14
81	Halogen Bonding Molecular Capsules. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12339-12344.	7.2	152
82	The Impact of Antiaromatic Subunits in [4n+2] π -Systems: Bispentalenes with [4n+2] π -Electron Perimeters and Antiaromatic Character. <i>Journal of the American Chemical Society</i> , 2015, 137, 7178-7188.	6.6	115
83	New reactivity of 6,6-bis-donor-substituted pentafulvenes: one-step synthesis of highly substituted [3]cumulene and dihydropentalene. <i>Tetrahedron</i> , 2015, 71, 4393-4399.	1.0	13
84	Replacement of Water Molecules in a Phosphate Binding Site by Furanoside-Appended <i>lin</i> -Benzoguanine Ligands of tRNA-Guanine Transglycosylase (TGT). <i>Chemistry - A European Journal</i> , 2015, 21, 126-135.	1.7	8
85	Frontispiece: Replacement of Water Molecules in a Phosphate Binding Site by Furanoside-Appended <i>lin</i> -Benzoguanine Ligands of tRNA-Guanine Transglycosylase (TGT). <i>Chemistry - A European Journal</i> , 2015, 21, n/a-n/a.	1.7	0
86	Molecular Recognition in Chemical and Biological Systems. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3290-3327.	7.2	491
87	Push-Pull Buta-1,2,3-trienes: Exceptionally Low Rotational Barriers of Cumulenenic C-C Bonds and Proacetylenic Reactivity. <i>Chemistry - A European Journal</i> , 2015, 21, 6215-6225.	1.7	26
88	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
89	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
90	The 6,6-Dicyanopentafulvene Core: A Template for the Design of Electron-Acceptor Compounds. <i>Chemistry - A European Journal</i> , 2015, 21, 8168-8176.	1.7	13

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91	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
92	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
93	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
94	Homochiral [2]Catenane and Bis[2]catenane from Allenic Acetylenic Helicates - A Highly Selective Narcissistic Self-Sorting Process. <i>Journal of the American Chemical Society</i> , 2015, 137, 12502-12505.	6.6	73
95	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
96	Systematic Variation of Cyanobuta-1,3-dienes and Expanded Tetracyanoquinodimethane Analogues as Electron Acceptors in Photoactive, Rigid Porphyrin Conjugates. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 91-108.	1.2	14
97	6,6-Dicyanopentafulvenes: Teaching an Old Dog New Tricks. <i>Chemical Record</i> , 2015, 15, 19-30.	2.9	24
98	Strain-Accelerated Formation of Chiral, Optically Active Buta-1,3-dienes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 349-354.	7.2	31
99	Enantiopure Laterally Functionalized Allenic Acetylenic Macrocycles: Synthesis, Chiroptical Properties, and Self-Assembly in Aqueous Media. <i>Chemistry - A European Journal</i> , 2014, 20, 16070-16073.	1.7	12
100	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
101	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
102	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
103	Structures and Properties of Molecular Torsion Balances to Decipher the Nature of Substituent Effects on the Aromatic Edge-Face Interaction. <i>Chemistry - A European Journal</i> , 2014, 20, 4608-4616.	1.7	56
104	Pseudilins: Halogenated, Allosteric Inhibitors of the Non-Mevalonate Pathway Enzyme IspD. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2235-2239.	7.2	53
105	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
106	Synthesis of Cyano-Substituted Diaryltetracenes from Tetraaryl[3]cumulenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4341-4345.	7.2	38
107	Binding to Large Enzyme Pockets: Small Molecule Inhibitors of Trypanothione Reductase. <i>ChemMedChem</i> , 2014, 9, 1880-1891.	1.6	40
108	Chiroptical Detection of Nonchromophoric, Achiral Guests by Enantiopure Allenic Acetylenic Helicates. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13614-13618.	7.2	56

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109	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
110	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
111	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
112	Outstanding Chiroptical Properties: A Signature of Enantiomerically Pure Alleno-Acetylenic Macrocycles and Monodisperse Acyclic Oligomers. <i>Chemistry - A European Journal</i> , 2014, 20, 9558-9566.	1.7	12
113	Chasing Protons: How Isothermal Titration Calorimetry, Mutagenesis, and pK_a 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
114	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
115	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
116	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
117	Development of Redox-Switchable Resorcin[4]arene Cavitands. <i>Accounts of Chemical Research</i> , 2014, 47, 2096-2105.	7.6	107
118	Towards Stapling of Helical Alleno-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
119	Halogen Bonding of (Iodoethynyl)benzene Derivatives in Solution. <i>Organic Letters</i> , 2014, 16, 4722-4725.	2.4	114
120	Alleno-acetylenic scaffolding for the construction of axially chiral C ₆₀ dimers. <i>Tetrahedron</i> , 2014, 70, 6193-6202.	1.0	4
121	Cyanobuta-1,3-dienes as Novel Electron Acceptors for Photoactive Multicomponent Systems. <i>Chemistry - A European Journal</i> , 2014, 20, 202-216.	1.7	40
122	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
123	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
124	Imidazole- and Benzimidazole-Based Inhibitors of the Kinase IspE: Targeting the Substrate-Binding Site and the Triphosphate-Binding Loop of the ATP Site. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1068-1079.	1.2	13
125	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
126	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

#	ARTICLE	IF	CITATIONS
127	A Mild, Thermal Pentafulvene \rightarrow Benzene Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9827-9830.	7.2	15
128	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
129	Launching Spiking Ligands into a Protein \rightarrow 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
130	Effective cholesteric liquid crystal inducers based on axially chiral alleno-acetylenes. <i>RSC Advances</i> , 2013, 3, 22845.	1.7	14
131	125 Years <i>Angewandte Chemie</i> . <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6-7.	7.2	3
132	125 Years of Chemistry in the Mirror of <i>Angewandte Chemie</i> . <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2714-2742.	7.2	8
133	125 Jahre <i>Angewandte Chemie</i> . <i>Angewandte Chemie</i> , 2013, 125, 6-7.	1.6	0
134	Potent Inhibitors of Malarial Aspartic Proteases, the Plasmeprins, by Hydroformylation of Substituted 7 α -Azanorbornenes. <i>Chemistry - A European Journal</i> , 2013, 19, 155-164.	1.7	14
135	Expanding the Chemical Structure Space of Opto-Electronic Molecular Materials: Unprecedented Push \rightarrow 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
136	Efficient Stacking on Protein Amide Fragments. <i>ChemMedChem</i> , 2013, 8, 397-404.	1.6	75
137	Post \rightarrow Cycloaddition \rightarrow Retroelectrocyclization Transformations of Polycyanobutadienes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 869-879.	1.2	24
138	Optimization of Triazine Nitriles as Rhodesain Inhibitors: Structure \rightarrow Activity Relationships, Bioisosteric Imidazopyridine Nitriles, and X-Ray Crystal Structure Analysis with Human Cathepsin \rightarrow L. <i>ChemMedChem</i> , 2013, 8, 967-975.	1.6	45
139	Electronically Connected [<i>n</i>]Helicenes: Synthesis and Chiroptical Properties of Enantiomerically Pure (<i>E</i>)-1,2-Di([6]helicen-2-yl)ethenes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3223-3231.	1.2	44
140	5 α -Substituted (1 \rightarrow Thiolan-2-yl)cytosines as Inhibitors of <i>A. aeolicus</i> and <i>E. coli</i> IspE Kinases: Very Different Affinities to Similar Substrate \rightarrow Binding Sites. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 880-887.	1.2	7
141	Platinum(II) Acetylides in the Formal [2+2] Cycloaddition \rightarrow Retroelectrocyclization Reaction: Organodonor Versus Metal Activation. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3729-3740.	1.2	19
142	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
143	Begutachten wir uns zu Tode? Das Peer-Review-System am Limit. <i>Angewandte Chemie</i> , 2013, 125, 14072-14073.	1.6	1
144	High-affinity inhibitors of <i>Zymomonas mobilis</i> tRNA \rightarrow guanine transglycosylase through convergent optimization. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 1798-1807.	2.5	10

#	ARTICLE	IF	CITATIONS
145	Compact TCBD based molecules and supramolecular assemblies for third-order nonlinear optics. <i>Optical Materials Express</i> , 2012, 2, 294.	1.6	31
146	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
147	Redox-Switchable Resorcin[4]arene Cavitands: Molecular Grippers. <i>Journal of the American Chemical Society</i> , 2012, 134, 14702-14705.	6.6	75
148	Tuning and predicting biological affinity: aryl nitriles as cysteine protease inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5764.	1.5	49
149	Structural, Optical, and Electrochemical Properties of Three-Dimensional Push-Pull Corannulenes. <i>Journal of Organic Chemistry</i> , 2012, 77, 11014-11026.	1.7	71
150	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
151	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
152	Directed Rotations of Single Porphyrin Molecules Controlled by Localized Force Spectroscopy. <i>ACS Nano</i> , 2012, 6, 6318-6324.	7.3	44
153	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
154	1,1'-Dicyanoquinone Diimide-Derived Donor-Acceptor Chromophores: Conformational Analysis and Optoelectronic Properties. <i>Organic Letters</i> , 2012, 14, 54-57.	2.4	27
155	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
156	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
157	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
158	Fluorophore-Functionalized and Top-Covered Resorcin[4]arene Cavitands. <i>Israel Journal of Chemistry</i> , 2012, 52, 20-29.	1.0	15
159	Allenes in Molecular Materials. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2818-2828.	7.2	330
160	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
161	From <i>lin</i> -Benzoguanines to <i>lin</i> -Benzohypoxanthines as Ligands for <i>Zymomonas mobilis</i> 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
162	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

#	ARTICLE	IF	CITATIONS
163	Identification of 1,3-diiminoisoindoline Carbohydrazides as Potential Antimalarial Candidates. <i>ChemMedChem</i> , 2012, 7, 151-158.	1.6	16
164	Quinone-Based, Redox-Active Resorcin[4]arene Cavitands. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 262-266.	7.2	56
165	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
166	Donor-Substituted Diphenylacetylene Derivatives Act as Electron Donors and Acceptors. <i>Journal of Organic Chemistry</i> , 2011, 76, 5628-5635.	1.7	10
167	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
168	Peptidomimetic nitriles as selective inhibitors for the malarial cysteine protease falcipain-2. <i>MedChemComm</i> , 2011, 2, 800.	3.5	25
169	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
170	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
171	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
172	Solvatochromism as an efficient tool to study <i>N,N</i> -dimethylamino- and cyano-substituted <i>N,N</i> -conjugated molecules with an intramolecular charge-transfer absorption. <i>Journal of Physical Organic Chemistry</i> , 2011, 24, 274-281.	0.9	66
173	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
174	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
175	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
176	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
177	Acetylenic Tetrathiafulvalene Scaffolds - Intramolecular Charge-Transfer Molecules. <i>Helvetica Chimica Acta</i> , 2011, 94, 1743-1753.	1.0	11
178	Calculation of binding free energies of inhibitors to plasmepsin II. <i>Journal of Computational Chemistry</i> , 2011, 32, 1801-1812.	1.5	18
179	25 Jahre voller Entdeckungen in der Chemie. <i>Angewandte Chemie</i> , 2011, 123, 8-12.	1.6	4
180	25 Years Full of Chemical Discovery. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8-12.	7.2	6

#	ARTICLE	IF	CITATIONS
181	Systematic Investigation of Halogen Bonding in Protein-Ligand Interactions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 314-318.	7.2	427
182	Aromatic Rings in Chemical and Biological Recognition: Energetics and Structures. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4808-4842.	7.2	1,317
183	Inhibitors of the Herbicidal Target IspD: Allosteric Site Binding. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7931-7935.	7.2	45
184	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
185	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
186	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
187	Enantiopure, Monodisperse Allenyl Acetylenic 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
188	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
189	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
190	Cascade Pericyclic Reactions of Allenyl 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
191	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
192	Nonplanar Push-Pull Chromophores for Opto-Electronic Applications. <i>Chimia</i> , 2010, 64, 409.	0.3	14
193	Thiazolopyrimidine Inhibitors of 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
194	Photophysics of two Prototypical Molecular-Wire Building Blocks: Solvent-Induced Conformational Dynamics?. <i>ChemPhysChem</i> , 2010, 11, 1700-1710.	1.0	12
195	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
196	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
197	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
198	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

#	ARTICLE	IF	CITATIONS
199	Enantiomerically Pure and Highly Substituted Alicyclic β,β -Difluoro Ketones: Potential Inhibitors for Malarial Aspartic Proteases, the Plasmeprins. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4617-4629.	1.2	21
200	All-Carbon Scaffolds by Rational Design. <i>Advanced Materials</i> , 2010, 22, 803-812.	11.1	316
201	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
202	Ion-Pair Complexation with a Cavitand Receptor. <i>Chemistry - A European Journal</i> , 2010, 16, 7813-7819.	1.7	28
203	Proaromaticity: Organic Charge-Transfer Chromophores with Small HOMO-LUMO Gaps. <i>Chemistry - A European Journal</i> , 2010, 16, 9592-9605.	1.7	45
204	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
205	FRET Studies on a Series of BODIPY-Dye-Labeled Switchable Resorcin[4]arene Cavitands. <i>Chemistry - A European Journal</i> , 2010, 16, 12590-12602.	1.7	37
206	Inside Cover: Enantiomerically Pure Allenic Acetylenic Macrocycles: Synthesis, Solid-State Structures, Chiroptical Properties, and Electron Localization Function Analysis (<i>Chem. Eur. J.</i> 32/2010). <i>Chemistry - A European Journal</i> , 2010, 16, 9694-9694.	1.7	0
207	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
208	Amplification of Chirality in Monodisperse, Enantiopure Allenic Acetylenic Oligomers. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2247-2250.	7.2	71
209	Optical Stability of Axially Chiral Push-Pull-Substituted Buta-1,3-dienes: Effect of a Single Methyl Group on the C ₆₀ Surface. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3532-3535.	7.2	49
210	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
211	Non-planar push-pull chromophores. <i>Chemical Communications</i> , 2010, 46, 1994.	2.2	250
212	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
213	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
214	Bioconjugates to specifically render inhibitors water-soluble. <i>Soft Matter</i> , 2010, 6, 88-91.	1.2	36
215	Self-association based on orthogonal C=O...C=O interactions in the solid and liquid state. <i>Chemical Communications</i> , 2010, 46, 67-69.	2.2	26
216	Silicon Organic Hybrid Technology-A Platform for Practical Nonlinear Optics. <i>Proceedings of the IEEE</i> , 2009, 97, 1304-1316.	16.4	145

#	ARTICLE	IF	CITATIONS
217	Probing Hydrogen Bonding to Bound Dioxygen in Synthetic Models for Heme Proteins: The Importance of Precise Geometry. <i>Chemistry - A European Journal</i> , 2009, 15, 125-135.	1.7	13
218	Organic Superacceptors 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
219	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
220	Arylated 3,5-Dihydro-4-Hydroxy-1,10-dinaphtho[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
221	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
222	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
223	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
224	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
225	Crystal Structure Analysis and in Silico pKa Calculations Suggest Strong pKa Shifts of Ligands as Driving Force for High-Affinity Binding to TGT. <i>ChemBioChem</i> , 2009, 10, 716-727.	1.3	23
226	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
227	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
228	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). <i>ChemMedChem</i> , 2009, 4, 1958-1958.	1.6	0
229	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
230	Titelbild: Ein enantiomerenreiner alleno-acetylenischer Makrocyclus: Synthese und Interpretation seiner herausragenden chiroptischen Eigenschaften (<i>Angew. Chem.</i> 30/2009). <i>Angewandte Chemie</i> , 2009, 121, 5485-5485.	1.6	0
231	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
232	An Enantiomerically Pure Alleno-Acetylenic Macrocycle: Synthesis and Rationalization of Its Outstanding Chiroptical Response. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5545-5548.	7.2	81
233	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
234	Cover Picture: An Enantiomerically Pure Alleno-Acetylenic Macrocycle: Synthesis and Rationalization of Its Outstanding Chiroptical Response (<i>Angew. Chem. Int. Ed.</i> 30/2009). <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5381-5381.	7.2	0

#	ARTICLE	IF	CITATIONS
235	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
236	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
237	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
238	Optical properties of highly nonlinear silicon-organic hybrid (SOH) waveguide geometries. <i>Optics Express</i> , 2009, 17, 17357.	1.7	102
239	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
240	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
241	New organofluorine building blocks: inhibition of the malarial aspartic proteases plasmeprin II and IV by alicyclic \pm, \pm -difluoroketone hydrates. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3947.	1.5	40
242	Acetylenic tetrathiafulvalene-dicyanovinyl donor-acceptor chromophores. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3474.	1.5	24
243	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
244	Nanoscale Engineering of Molecular Porphyrin Wires on Insulating Surfaces. <i>Small</i> , 2008, 4, 1115-1118.	5.2	78
245	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
246	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
247	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
248	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
249	Exploring the Flap Pocket of the Antimalarial Target Plasmeprin-II: The α -5% Rule-Applied to Enzymes. <i>ChemMedChem</i> , 2008, 3, 237-240.	1.6	45
250	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
251	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
252	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 (<i>Angew. Chem. Int. Ed.</i> 14/2008). <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2515-2515.	7.2	0

#	ARTICLE	IF	CITATIONS
253	A High-Optical Quality Supramolecular Assembly for Third-Order Integrated Nonlinear Optics. <i>Advanced Materials</i> , 2008, 20, 4584-4587.	11.1	138
254	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
255	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
256	Dendronised block copolymers as potential vectors for gene transfection. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1905.	1.5	16
257	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
258	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
259	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
260	Substituent effects on the aromatic edge-to-face interaction. <i>Chemical Communications</i> , 2008, , 4031.	2.2	49
261	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
262	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
263	Conjugation and optoelectronic properties of acetylenic scaffolds and charge-transfer chromophores. <i>Pure and Applied Chemistry</i> , 2008, 80, 411-427.	0.9	49
264	Extended conjugation and its effect on the third-order nonlinearities of charge transfer chromophores. , 2007, , .		0
265	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
266	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
267	Dendritic vectors for gene transfection. <i>New Journal of Chemistry</i> , 2007, 31, 1111-1127.	1.4	166
268	Supramolecular [60]fullerene chemistry on surfaces. <i>Chemical Society Reviews</i> , 2007, 36, 390-414.	18.7	262
269	New strong organic acceptors by cycloaddition of TCNE and TCNQ to donor-substituted cyanoalkynes. <i>Chemical Communications</i> , 2007, , 4898.	2.2	88
270	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

#	ARTICLE	IF	CITATIONS
271	Self-assembly, DNA Complexation, and pH Response of Amphiphilic Dendrimers for Gene Transfection. <i>Langmuir</i> , 2007, 23, 737-746.	1.6	68
272	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
273	40 Years of Supramolecular Chemistry. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 68-69.	7.2	40
274	Container Molecules with Portals: Reversibly Switchable Cycloalkane Complexation. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 260-264.	7.2	99
275	Phosphate Recognition in Structural Biology. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 338-352.	7.2	260
276	A Supramolecular Multiposition Rotary Device. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4089-4092.	7.2	131
277	Charge-Transfer Chromophores by Cycloaddition-Retroelectrocyclization: Multivalent Systems and Cascade Reactions. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6357-6360.	7.2	121
278	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
279	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
280	40 Jahre supramolekulare Chemie. <i>Angewandte Chemie</i> , 2007, 119, 68-70.	1.6	8
281	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
282	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
283	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
284	meso,meso-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
285	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
286	Predicting and Tuning Physicochemical Properties in Lead Optimization: Amine Basicities. <i>ChemMedChem</i> , 2007, 2, 1100-1115.	1.6	423
287	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
288	Fluorine in Pharmaceuticals: Looking Beyond Intuition. <i>Science</i> , 2007, 317, 1881-1886.	6.0	5,470

#	ARTICLE	IF	CITATIONS
289	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
290	First asymmetric synthesis of a differentially silyl-protected tris(alkynyl)methyl methyl ether. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 1206.	1.5	12
291	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
292	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
293	Optimizing specific third-order polarizabilities and approaching the fundamental limit in donor substituted cyanoethynylethene (CEE) molecules. , 2006, 6331, 633101.		3
294	Inclusion of methano[60]fullerene derivatives in cavitand-based coordination cages. <i>Tetrahedron</i> , 2006, 62, 2008-2015.	1.0	41
295	Structural Aspects of Fullerene Chemistry A Journey through Fullerene Chirality. <i>Chemical Reviews</i> , 2006, 106, 5049-5135.	23.0	472
296	Two-Dimensional Acetylenic Scaffolding: Extended Donor-Substituted Perethynylated Dehydroannulenes. <i>Chemistry - an Asian Journal</i> , 2006, 1, 479-489.	1.7	43
297	Tether-directed remote functionalization of C ₆₀ and C ₇₀ . <i>Comptes Rendus Chimie</i> , 2006, 9, 868-880.	0.2	44
298	Semipreparative enantioseparation of Tröger base derivatives by HPLC. <i>Chirality</i> , 2006, 18, 707-712.	1.3	20
299	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
300	Regio- and Diastereoselective Synthesis of Bis- and Tetrakisadducts of C ₇₀ by Directed Remote Functionalization Using Tröger Base Tethers. <i>Chemistry - A European Journal</i> , 2006, 12, 3463-3471.	1.7	37
301	Conformational Behavior of Pyrazine-Bridged and Mixed-Bridged Cavitands: A General Model for Solvent Effects on Thermal "Kite" Switching. <i>Chemistry - A European Journal</i> , 2006, 12, 4775-4784.	1.7	75
302	Triply Fused 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
303	Synthesis and Characteristics of a Nonaggregating Tris(tetrathiafulvaleno)dodecadehydro[18]annulene. <i>Chemistry - A European Journal</i> , 2006, 12, 8451-8459.	1.7	44
304	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
305	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
306	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

#	ARTICLE	IF	CITATIONS
307	Bisubstrate Inhibitors of CatecholO-Methyltransferase (COMT): the Crucial Role of the Ribose Structural Unit for Inhibitor Binding Affinity. <i>ChemMedChem</i> , 2006, 1, 340-357.	1.6	29
308	A Fluorine Scan at the Catalytic Center of Thrombin: C ₁ F, C ₁ OH, and C ₁ OMe Bioisosterism and Fluorine Effects on pK _a and logD Values. <i>ChemMedChem</i> , 2006, 1, 611-621.	1.6	55
309	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
310	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
311	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
312	Synthesis and Biological Evaluation of Potent Bisubstrate Inhibitors of the Enzyme CatecholO-Methyltransferase (COMT) Lacking a Nitro Group. <i>Helvetica Chimica Acta</i> , 2006, 89, 1856-1887.	1.0	16
313	Tetrathiafulvalene (TTF)-Bridged Resorcin[4]arene Cavitands: Towards New Electrochemical Molecular Switches. <i>Helvetica Chimica Acta</i> , 2006, 89, 2040-2057.	1.0	51
314	Einschlusskomplexe aus einem makrocyclischen Wirtmolekül und aromatischen Kohlenwasserstoffen in wässriger Lösung. <i>Angewandte Chemie</i> , 2006, 95, 730-735.	1.6	25
315	From Fullerenes to Novel Carbon Allotropes: Exciting Prospects for Organic Synthesis. , 2005, , 161-186.		1
316	Advanced opto-electronics materials by fullerene and acetylene scaffolding. <i>Pure and Applied Chemistry</i> , 2005, 77, 1851-1863.	0.9	17
317	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
318	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
319	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
320	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
321	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
322	Preparation of Tröger Base Derivatives by Cross-Coupling Methodologies. <i>Helvetica Chimica Acta</i> , 2005, 88, 2333-2344.	1.0	43
323	Photophysical and Electrochemical Properties of meso,meso-Linked Oligoporphyrin Rods with Appended Fullerene Terminals. <i>ChemPhysChem</i> , 2005, 6, 732-743.	1.0	70
324	Orthogonal Multipolar Interactions in Structural Chemistry and Biology. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1788-1805.	7.2	454

#	ARTICLE	IF	CITATIONS
325	Reviews in Angewandte Chemie: Influence, Language, Competition. Angewandte Chemie - International Edition, 2005, 44, 2308-2309.	7.2	3
326	Quantification of Cation- π Interactions in Protein-Ligand Complexes: Crystal-Structure Analysis of Factor Xa Bound to a Quaternary Ammonium Ion Ligand. Angewandte Chemie - International Edition, 2005, 44, 4400-4404.	7.2	101
327	Geometrically Precisely Defined Multinanometer Expansion/Contraction Motions in a Resorcin[4]arene Cavitand Based Molecular Switch. Angewandte Chemie - International Edition, 2005, 44, 4635-4638.	7.2	91
328	Shape-Persistent Chiral Alleno-Acetylenic Macrocycles and Cyclophanes by Acetylenic Scaffolding with 1,3-Diethynylallenes. Angewandte Chemie - International Edition, 2005, 44, 5074-5078.	7.2	71
329	Aufsätze der Angewandten Chemie: Einfluss, Sprachkultur, Wettbewerb. Angewandte Chemie, 2005, 117, 2360-2361.	1.6	3
330	Theoretical Studies on Acetylenic Scaffolds. , 2005, , 1-50.		12
331	Shape-Persistent Acetylenic Macrocycles for Ordered Systems. , 2005, , 427-452.		11
332	Macrocycles Based on Phenylacetylene Scaffolding. , 2005, , 303-385.		23
333	Synthesis of trans-1,trans-2,trans-3, and trans-4 Bisadducts of C ₆₀ by Regio- and Stereoselective Tether-Directed Remote Functionalization. Chemistry - A European Journal, 2005, 11, 2284-2294.	1.7	70
334	Donor-Substituted Cyanoethynylethenes: π -Conjugation and Band-Gap Tuning in Strong Charge-Transfer Chromophores. Chemistry - A European Journal, 2005, 11, 3325-3341.	1.7	91
335	Enantiomerically Pure Thrombin Inhibitors for Exploring the Molecular-Recognition Features of the Oxyanion Hole. ChemInform, 2005, 36, no.	0.1	0
336	Synthesis of 1,4-Diethynyl- and 1,1,4,4-Tetraethynylbutatrienes.. ChemInform, 2005, 36, no.	0.1	0
337	Orthogonal Multipolar Interactions in Structural Chemistry and Biology. ChemInform, 2005, 36, no.	0.1	0
338	Molecular Recognition Studies with Cyclophane Receptors in Aqueous Solutions. , 2005, , 519-546.		7
339	Structures and Stabilities of Diacetylene-Expanded Polyhedranes by Quantum Mechanics and Molecular Mechanics. Journal of Organic Chemistry, 2005, 70, 1671-1678.	1.7	33
340	A new class of organic donor-acceptor molecules with large third-order optical nonlinearities. Chemical Communications, 2005, , 737-739.	2.2	240
341	Conjugated Oligoenynes Based on the Diethynylethene Unit. Chemical Reviews, 2005, 105, 1837-1868.	23.0	232
342	Highly efficient third-order optical nonlinearities in donor-substituted cyanoethynylethene molecules. Optics Letters, 2005, 30, 3057.	1.7	75

#	ARTICLE	IF	CITATIONS
343	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
344	Selective steroid recognition by a partially bridged resorcin[4]arene cavitand. <i>Chemical Communications</i> , 2005, , 5269.	2.2	17
345	Regio- and Stereoselective Tether-Directed Remote Functionalization of C60 with Derivatives of the Tröger Base. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1738-1740.	7.2	75
346	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
347	A Weak Attractive Interaction between Organic Fluorine and an Amide Group. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5056-5059.	7.2	182
348	Electrochemically Induced Retrocyclopropanation Reactions. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 2299-2316.	1.2	49
349	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
350	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
351	Donor-Substituted Perethynylated Dehydroannulenes and Radiannulenes: Acetylenic Carbon Sheets Featuring Intense Intramolecular Charge Transfer. <i>Helvetica Chimica Acta</i> , 2004, 87, 1130-1157.	1.0	64
352	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
353	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
354	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
355	Synthesis of 1,4-Diethynyl- and 1,1,4,4-Tetraethynylbutatrienes. <i>Helvetica Chimica Acta</i> , 2004, 87, 3085-3105.	1.0	41
356	Fluorine Interactions at the Thrombin Active Site: Protein Backbone Fragments H ₁₂ C ₁₁ C ₁₃ O Comprise a Favorable C ₁₂ F Environment and Interactions of C ₁₂ F with Electrophiles. <i>ChemBioChem</i> , 2004, 5, 666-675.	1.3	136
357	Structure-Based Design, Synthesis, and in vitro Evaluation of Nonpeptidic Neprilysin Inhibitors. <i>ChemBioChem</i> , 2004, 5, 996-1000.	1.3	15
358	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
359	Towards the Synthesis of Azoacetylenes.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
360	Redox Properties of Linear and Cyclic Scaffolds Based on Di- and Tetraethynylethene. <i>ChemInform</i> , 2004, 35, no.	0.1	0

#	ARTICLE	IF	CITATIONS
361	Peralkynylated Buta-1,2,3-Trienes: Exceptionally Low Rotational Barriers of Cumulenic C ₁ ¼C Bonds in the Range of Those of Peptide C ₁ ¼N Bonds. <i>Chemistry - A European Journal</i> , 2004, 10, 2906-2911.	1.7	30
362	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
363	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
364	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
365	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
366	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
367	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
368	A fluorine scan of the phenylamidinium needle of tricyclic thrombin inhibitors: effects of fluorine substitution on pK _a and binding affinity and evidence for intermolecular C=O···CN interactions. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1339-1352.	1.5	92
369	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
370	Medicinal chemistry in academia: molecular recognition with biological receptors. <i>Chemical Communications</i> , 2004, , 477.	2.2	28
371	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
372	A New Family of C ₃ -Symmetrical Carbohydrate Receptors. <i>Helvetica Chimica Acta</i> , 2003, 86, 494-503.	1.0	49
373	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
374	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
375	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
376	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
377	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
378	Towards the Synthesis of Azoacetylenes. <i>Helvetica Chimica Acta</i> , 2003, 86, 3096-3117.	1.0	27

#	ARTICLE	IF	CITATIONS
379	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
380	Amphiphilic Dendrimers: Novel Self-Assembling Vectors for Efficient Gene Delivery. <i>Angewandte Chemie</i> , 2003, 115, 1524-1528.	1.6	45
381	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 2611-2615.	1.6	74
382	Wechselwirkungen mit aromatischen Ringen in chemischen und biologischen Erkennungsprozessen. <i>Angewandte Chemie</i> , 2003, 115, 1244-1287.	1.6	547
383	De novo Design, Synthesis, and in vitro Evaluation of a New Class of Nonpeptidic Inhibitors of the Malarial Enzyme Plasmeprin II.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
384	The Art of Acetylenic Scaffolding: Rings, Rods, and Switches. <i>ChemInform</i> , 2003, 34, no.	0.1	0
385	Interactions with Aromatic Rings in Chemical and Biological Recognition.. <i>ChemInform</i> , 2003, 34, no.	0.1	2
386	Functionalized 3,3'-di-5,5'-Tetraaryl-1,1'-biphenyls: Novel Platforms for Molecular Receptors.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
387	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
388	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
389	Amphiphilic Dendrimers: Novel Self-Assembling Vectors for Efficient Gene Delivery. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1486-1490.	7.2	171
390	A Fluorine Scan of Thrombin Inhibitors to Map the Fluorophilicity/Fluorophobicity of an Enzyme Active Site: Evidence for C1&F&A&...&...&...&...&C1&F&O Interactions. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2507-2511.		185
391	Interactions with Aromatic Rings in Chemical and Biological Recognition. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1210-1250.	7.2	3,213
392	Interactions with Aromatic Rings in Chemical and Biological Recognition. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4120-4120.	7.2	35
393	Chirality in Fullerene Chemistry. <i>Topics in Stereochemistry</i> , 2003, , 1-124.	2.0	28
394	Exceptional Redox and Photophysical Properties of a Triply Fused Diporphyrinâ€“C60 Conjugate: Novel Scaffolds for Multicharge Storage in Molecular Scale Electronics. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4966-4970.	7.2	124
395	Dendritic metalloporphyrins with a distal H-bond donor as mimics of haemoglobinElectronic 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&Co(dmim) and the corresponding oxygenated complex. See Donor-substituted cyanoethynyleth&enes: powerful chromoph&ores for opto-electronic applicationsElectronic supplementary information (ESI) available: Crystal packing of 5, UV/Vis spectra of donor-acceptor-substituted T&Es in comparison to those of C&Es, full electrochemical data for the donor-substituted C&Es and structure of the AF-50 standard for two-photon absorption. See http://www.rsc.org/suppdata/ob/b3/b303879c/ . <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 1090-1093.	1.5	18
396	of donor-acceptor-substituted T&Es in comparison to those of C&Es, full electrochemical data for the donor-substituted C&Es and structure of the AF-50 standard for two-photon absorption. See http://www.rsc.org/suppdata/ob/b3/b303879c/ . <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 2032.	1.5	67

#	ARTICLE	IF	CITATIONS
397	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
398	Donor-substituted peralkynylated π - σ -radiannulenes: novel all-carbon macrocycles with an intense intramolecular charge-transfer. <i>Chemical Communications</i> , 2003, , 1634-1635.	2.2	31
399	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
400	Modules for Acetylenic Scaffolding. <i>Synlett</i> , 2002, 2002, 0544-0552.	1.0	30
401	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
402	π -Electron conjugation effects in antiaromatic dehydro[12]- and aromatic dehydro[18]-annulenes. <i>Chemical Communications</i> , 2002, , 2318-2319.	2.2	22
403	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
404	Strong intramolecular chromophore interactions in novel bis([60]fullerene) π -oligoporphyrin nanoarrays. <i>Chemical Communications</i> , 2002, , 2178-2179.	2.2	46
405	Titelbild: <i>Angew. Chem.</i> 22/2002. <i>Angewandte Chemie</i> , 2002, 114, 4329-4329.	1.6	0
406	Title is missing!. <i>Angewandte Chemie</i> , 2002, 114, 4515-4519.	1.6	20
407	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
408	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, 763-763.	1.7	1
409	Novel Extended Tetrathiafulvalenes Based on Acetylenic Spacers: Synthesis and Electronic Properties. <i>Chemistry - A European Journal</i> , 2002, 8, 3601.	1.7	60
410	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 Gist is acknowledged for the supply of starting materials.. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3044.	7.2	55
411	Cover Picture: <i>Angew. Chem. Int. Ed.</i> 22/2002. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 4155-4155.	7.2	0
412	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
413	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
414	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

#	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	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
417	Dendritic Iron Porphyrins with Tethered Axial Ligands: New Model Compounds for Cytochromes. <i>Helvetica Chimica Acta</i> , 2002, 85, 571-598.	1.0	42
418	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
419	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
420	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
421	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
422	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
423	1,3-Diethynylallenes: Carbon-Rich Modules for Three-Dimensional Acetylenic Scaffolding. <i>Helvetica Chimica Acta</i> , 2002, 85, 3052-3077.	1.0	55
424	The Art of Acetylenic Scaffolding: Rings, Rods, and Switches. <i>Chemical Record</i> , 2002, 2, 189-198.	2.9	38
425	Novel Extended Tetrathiafulvalenes Based on Acetylenic Spacers: Synthesis and Electronic Properties.. <i>ChemInform</i> , 2002, 33, 127-127.	0.1	0
426	Tetrathiafulvaleneâ€“acetylene scaffolding: new ï€-electron systems for advanced materials. <i>Chemical Communications</i> , 2001, , 1848-1849.	2.2	25
427	Title is missing!. <i>Journal of Materials Chemistry</i> , 2001, 11, 2895-2897.	6.7	27
428	Carbon-rich acetylenic scaffolding: rods, rings and switches. <i>Chemical Communications</i> , 2001, , 219-227.	2.2	182
429	White-light-continuum spectroscopy to determine third-order nonlinear optical properties. , 2001, , .		0
430	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
431	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
432	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

#	ARTICLE	IF	CITATIONS
433	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
434	Photoswitchable Tetraethynylethene-Dihydroazulene Chromophores. <i>Helvetica Chimica Acta</i> , 2001, 84, 743-777.	1.0	85
435	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
436	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
437	Conformational Switching of Resorcin[4]arene Cavitands by Protonation, Preliminary Communication. <i>Helvetica Chimica Acta</i> , 2001, 84, 2146-2153.	1.0	86
438	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
439	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
440	1,3-Diethynylallenes: New Modules for Three-Dimensional Acetylenic Scaffolding. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2334-2337.	7.2	41
441	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 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. W. Lahm for sequencing. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4040.	7.2	62
442	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
443	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
444	Cleft-Type Diamidinium Receptors for Dicarboxylate Binding in Protic Solvents. <i>Helvetica Chimica Acta</i> , 2000, 83, 80-92.	1.0	47
445	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
446	Synthesis of Novel Nonpeptidic Thrombin Inhibitors. <i>Helvetica Chimica Acta</i> , 2000, 83, 855-909.	1.0	72
447	Title is missing!. <i>Helvetica Chimica Acta</i> , 2000, 83, 1209-1223.	1.0	18
448	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
449	Donor-Acceptor-Functionalized Tetraethynylethenes with Nitrothienyl Substituents: Structure-Property Relationships. <i>Helvetica Chimica Acta</i> , 2000, 83, 1484-1508.	1.0	19
450	Optically Active Macrocyclic cis-3 Bis-Adducts of C ₆₀ : 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

#	ARTICLE	IF	CITATIONS
451	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
452	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
453	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
454	Acetylenic Coupling: A Powerful Tool in Molecular Construction. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2632-2657.	7.2	1,414
455	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
456	Thermotropic behaviour of covalent fullerene adducts displaying 4-cyano-4'-oxybiphenyl mesogens. <i>Perkin Transactions II RSC</i> , 2000, , 193-198.	1.1	56
457	Conformational Analysis in Solution of C2-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
458	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
459	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
460	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
461	Supramolecular Dendrimer Chemistry: A Journey Through the Branched Architecture. <i>Topics in Current Chemistry</i> , 2000, , 183-227.	4.0	109
462	Templated Regioselective and Stereoselective Synthesis in Fullerene Chemistry. <i>Accounts of Chemical Research</i> , 1999, 32, 537-545.	7.6	273
463	Achiral and Chiral Higher Adducts of C70 by Bingel Cyclopropanation. <i>Helvetica Chimica Acta</i> , 1999, 82, 261-289.	1.0	32
464	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
465	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
466	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. <i>Helvetica Chimica Acta</i> , 1999, 82, 1572-1595.	1.0	64
467	Structure-Function Relationships in the Complexation of Steroids by a Synthetic Receptor. <i>Helvetica Chimica Acta</i> , 1999, 82, 1843-1859.	1.0	13
468	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

#	ARTICLE	IF	CITATIONS
469	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
470	Linear Monodisperse π -Conjugated Oligomers: Model Compounds for Polymers and More. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1350-1377.	7.2	886
471	Chemistry of C84: Separation of Three Constitutional Isomers and Optical Resolution of D2-C84 by Using the α -Bingel-Retro-Bingel Strategy. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1613-1617.	7.2	96
472	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
473	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
474	A new synthon for the incorporation of [60]fullerene in macrocycles. <i>New Journal of Chemistry</i> , 1999, 23, 1125-1127.	1.4	6
475	The Higher Fullerenes: Covalent Chemistry and Chirality. <i>Topics in Current Chemistry</i> , 1999, , 135-171.	4.0	65
476	Regioselective one-step synthesis of trans-3,trans-3,trans-3 and e,e,e [60]fullerene tris-adducts directed by a C3-symmetrical cyclotriveratrylene tether. <i>Chemical Communications</i> , 1999, , 1121-1122.	2.2	38
477	Supramolecular fullerene chemistry. <i>Chemical Society Reviews</i> , 1999, 28, 263-277.	18.7	733
478	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
479	Linear Monodisperse π -Conjugated Oligomers: Model Compounds for Polymers and More. , 1999, 38, 1350.		2
480	Dendritic Iron Porphyrins with Tethered Axial Ligands: New Model Compounds for Cytochromes. , 1999, 38, 3215.		1
481	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
482	Cyclic and Linear Acetylenic Molecular Scaffolding. <i>Topics in Current Chemistry</i> , 1999, , 43-79.	4.0	61
483	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 C60. Preliminary Communication. <i>Helvetica Chimica Acta</i> , 1998, 81, 1835-1844.	1.0	125
484	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
485	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
486	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

#	ARTICLE	IF	CITATIONS
487	Bucky Ligands: Synthesis, Ruthenium(II) Complexes, and Electrochemical Properties. Chemistry - A European Journal, 1998, 4, 723-733.	1.7	92
488	Functional Dendrimers: Unique Biological Mimics. Chemistry - A European Journal, 1998, 4, 1353-1361.	1.7	352
489	Theoretical Investigation of the Origin of Regioselectivity in the Formation of Methanofullerenes by Addition of Diazo Compounds: A Model Study. Chemistry - A European Journal, 1998, 4, 2258-2265.	1.7	33
490	PtII-Directed Self-Assembly of a Dinuclear Cyclophane Containing Two Fullerenes. Angewandte Chemie - International Edition, 1998, 37, 1916-1919.	7.2	102
491	Preparation of Enantiomerically Pure C76 with a General Electrochemical Method for the Removal of Di(alkoxycarbonyl)methano Bridges from Methanofullerenes: The Retro-Bingel Reaction. Angewandte Chemie - International Edition, 1998, 37, 1919-1922.	7.2	118
492	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. Angewandte Chemie - International Edition, 1998, 37, 2118-2121.	7.2	95
493	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. Angewandte Chemie - International Edition, 1998, 37, 2833-2837.	7.2	218
494	Supramolecular Aggregates of Dendritic Cyclophanes (Dendrophanes) Threaded on Molecular Rods with Steroid Termini. Angewandte Chemie - International Edition, 1998, 37, 3154-3158.	7.2	30
495	One- and Two-Dimensionally Conjugated Tetraethynylethenes: π Structure versus Second-Order Optical Polarizabilities. Journal of Physical Chemistry B, 1998, 102, 29-32.	1.2	45
496	Dendritic rods with a poly(triacetylene) backbone: insulated molecular wires. Chemical Communications, 1998, , 1013-1014.	2.2	60
497	Photochemical trans \leftrightarrow cis isomerisation of donor/acceptor-substituted (E)-hex-3-ene-1,5-diynes (1,2-diethynylethenes, DEEs) and 3,4-diethynylhex-3-ene-1,5-diynes (tetraethynylethenes, TEEs). Journal of the Chemical Society Perkin Transactions II, 1998, , 233-242.	0.9	25
498	Absolute configuration of chiral fullerenes and covalent derivatives from their calculated circular dichroism spectra. Journal of the Chemical Society Perkin Transactions II, 1998, , 1719-1724.	0.9	40
499	Walk on the Sphere: π Electrochemically Induced Isomerization of C60 Bis-adducts by Migration of Di(alkoxycarbonyl)methano Bridges. Journal of the American Chemical Society, 1998, 120, 8545-8546.	6.6	71
500	Stable Langmuir and Langmuir-Blodgett Films of Fullerene Glycodendron Conjugates. Langmuir, 1998, 14, 1955-1959.	1.6	158
501	Structure-Property Relationships in Third-Order Nonlinear Optical Chromophores. Journal of Physical Chemistry B, 1998, 102, 4451-4465.	1.2	249
502	Geometrical optimisation of 1,1'-binaphthalene receptors for enantioselective molecular recognition of excitatory amino acid derivatives. Journal of the Chemical Society Perkin Transactions II, 1998, , 747-762.	0.9	49
503	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.		1
504	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

#	ARTICLE	IF	CITATIONS
505	Steroids in Molecular Recognition. <i>Chemical Reviews</i> , 1997, 97, 1567-1608.	23.0	248
506	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
507	Dioxygen and carbon monoxide binding in dendritic iron(ii)porphyrins. <i>Chemical Communications</i> , 1997, , 193-194.	2.2	79
508	Reactions of C ₂ ^h -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
509	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
510	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
511	Self-Assembly of the First Fullerene-Containing [2]Catenane. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1448-1451.	4.4	73
512	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
513	Tetraethynylethene molecular scaffolding: Nonlinear optical, redox, and amphiphilic properties of donor functionalized polytriacetylene and expanded radialenes. <i>Advanced Materials</i> , 1997, 9, 339-343.	11.1	45
514	Aufbau des ersten Fullerenenhaltigen [2]Catenans durch Selbstorganisation. <i>Angewandte Chemie</i> , 1997, 109, 1611-1614.	1.6	19
515	Die kovalente Chemie der höheren Fullerenen: C ₇₀ und jenseits davon. <i>Angewandte Chemie</i> , 1997, 109, 2362-2374.	1.6	42
516	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
517	Multiple Adducts of C ₆₀ by Tether-Directed Remote Functionalization and synthesis of soluble derivatives of new carbon allotropes C _n (60+5). <i>Helvetica Chimica Acta</i> , 1997, 80, 317-342.	1.0	90
518	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
519	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
520	Dendrimers with Porphyrin Cores: Synthetic models for globular heme proteins. <i>Helvetica Chimica Acta</i> , 1997, 80, 1773-1801.	1.0	124
521	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
522	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

#	ARTICLE	IF	CITATIONS
523	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
524	Regiospecific templated synthesis of D 2h-symmetrical tetrakis-adduct C ₆₄ (COOEt) ₈ by reversible tether-directed remote functionalization of C ₆₀ . <i>Chemical Communications</i> , 1996, , 797.	2.2	33
525	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
526	Fullerene-Acetylene Molecular Scaffolding: Chemistry of 2-functionalized 1-ethynylated C ₆₀ , oxidative homocoupling, hexakis-adduct formation, and attempted synthesis of C ₁₂₄₂ ?. <i>Helvetica Chimica Acta</i> , 1996, 79, 6-20.	1.0	51
527	1,1,2-Tetraethynylethanes: Synthons for Tetraethynylethenes and Modules for Acetylenic Molecular Scaffolding. <i>Helvetica Chimica Acta</i> , 1996, 79, 634-645.	1.0	26
528	Dendrophanes: Novel Steroid-Recognizing Dendritic Receptors. Preliminary Communication. <i>Helvetica Chimica Acta</i> , 1996, 79, 779-788.	1.0	65
529	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
530	Synthesis, Separation, and Characterization of Optically Pure C ₇₆ Mono-Adducts. <i>Helvetica Chimica Acta</i> , 1996, 79, 1741-1756.	1.0	38
531	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
532	Donor-acceptor substituted tetraethynylethenes. <i>Advanced Materials</i> , 1996, 8, 226-231.	11.1	47
533	Structure-property relationships in nonlinear optical tetraethynylethenes. <i>Advanced Materials</i> , 1996, 8, 231-234.	11.1	85
534	Regio- und diastereoselektive Bisfunktionalisierung von C ₆₀ -Fulleren und enantioselective Synthese eines C ₆₀ -Fullerenderivates mit chiralem Additionsmuster. <i>Angewandte Chemie</i> , 1996, 108, 2242-2244.	1.6	68
535	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
536	Regio- and Diastereoselective Bisfunctionalization of C ₆₀ and Enantioselective Synthesis of a C ₆₀ Derivative with a Chiral Addition Pattern. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 2101-2103.	4.4	216
537	Fullerene-acetylene hybrids: Towards a novel class of molecular carbon allotropes. <i>Tetrahedron</i> , 1996, 52, 4925-4947.	1.0	160
538	Towards the Synthesis of Tetraethynylallene. <i>Synthesis</i> , 1996, 1996, 537-550.	1.2	34
539	Hexakis(trimethylsilylethynyl)[3]radialen: ein kohlenstoffreicher Chromophor mit ungewöhnlichen elektronischen Eigenschaften. <i>Angewandte Chemie</i> , 1995, 107, 898-901.	1.6	15
540	Ähnliche 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

#	ARTICLE	IF	CITATIONS
541	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
542	Design neuartiger, nichtpeptidischer Thrombin-Inhibitoren und Struktur eines Thrombin-Inhibitor-Komplexes. <i>Angewandte Chemie</i> , 1995, 107, 1874-1877.	1.6	24
543	Wasserlösliche dendritische Eisenporphyrine: synthetische Modelle für globale Häm-Proteine. <i>Angewandte Chemie</i> , 1995, 107, 2906-2909.	1.6	45
544	Linear and Cyclic Platinum Acetylide Complexes of Tetraethynylethene. <i>Chemistry - A European Journal</i> , 1995, 1, 111-117.	1.7	81
545	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
546	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
547	Solubilized Derivatives of C195 and C260: The First Members of a New Class of Carbon Allotropes C _n (60+ 5). <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1466-1469.	4.4	83
548	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
549	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
550	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
551	The X-Ray Crystal Structures of a 1,9- and a 7,8-Diels-Alder monoadduct of C70. <i>Helvetica Chimica Acta</i> , 1995, 78, 344-354.	1.0	50
552	Molecular Clefs Derived from 9,9-spiro[9H-fluorene] for enantioselective complexation of pyranosides and dicarboxylic acids. <i>Helvetica Chimica Acta</i> , 1995, 78, 367-390.	1.0	85
553	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
554	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
555	Electrochemistry of Mono- through Hexakis-adducts of C60. <i>Helvetica Chimica Acta</i> , 1995, 78, 1334-1344.	1.0	117
556	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
557	Dendrophanes: Water-Soluble Dendritic Receptors. Preliminary communication. <i>Helvetica Chimica Acta</i> , 1995, 78, 1904-1912.	1.0	92
558	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

#	ARTICLE	IF	CITATIONS
559	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
560	π-Complexes incorporating tetrakis(phenylethynyl)ethene. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1995, , 875-886.	0.9	20
561	A copper(I)-complexed rotaxane with two fullerene stoppers. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 781.	2.0	101
562	Synthetic Routes to the Cyclo[n]carbons. <i>Helvetica Chimica Acta</i> , 1994, 77, 1441-1457.	1.0	113
563	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
564	Expanded Radialenes: A Novel Class of Cross-Conjugated Macrocycles. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 468-471.	4.4	90
565	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
566	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
567	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
568	Tether-Directed Remote Functionalization of Buckminsterfullerene: Regiospecific Hexaadduct Formation. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 2339-2342.	4.4	203
569	Polytriacetylenes: Conjugated polymers with a novel all-carbon backbone. <i>Advanced Materials</i> , 1994, 6, 786-790.	11.1	64
570	Expandierte Radialene: Eine neue Klasse kreuzkonjugierter Makrocyclen. <i>Angewandte Chemie</i> , 1994, 106, 482-485.	1.6	49
571	Stabile, lösliche, konjugierte Kohlenstoffstäbe mit einem persilylethynylierten Polytriacetylenrückgrat. <i>Angewandte Chemie</i> , 1994, 106, 794-798.	1.6	38
572	Fulleren-Acetylen-Hybride: auf dem Weg zu neuen, synthetischen molekularen Kohlenstoffallotropen. <i>Angewandte Chemie</i> , 1994, 106, 1427-1429.	1.6	32
573	Lösen von Cholesterin in Wasser mit Hilfe eines synthetischen Rezeptors. <i>Angewandte Chemie</i> , 1994, 106, 1688-1690.	1.6	14
574	Dendritische Porphyrine: Modulation des Redoxpotentials elektroaktiver Chromophore durch periphere Multifunktionalität. <i>Angewandte Chemie</i> , 1994, 106, 1821-1824.	1.6	72
575	Spacer-kontrollierte Fernfunktionalisierung von Buckminsterfulleren: regiospezifische Bildung eines Hexaadduktes. <i>Angewandte Chemie</i> , 1994, 106, 2434-2437.	1.6	82
576	Carbon scaffolding: building acetylenic all-carbon and carbon-rich compounds. <i>Nature</i> , 1994, 369, 199-207.	13.7	460

#	ARTICLE	IF	CITATIONS
577	Dissolution of Cholesterol in Water by a Synthetic Receptor. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1625-1628.	4.4	36
578	Mono- and di-nuclear platinum η^2 -acetylide complexes of tetraethynylethene. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, .	2.0	20
579	Stable [12]- and [18]Annulenes Derived from Tetraethynylethene. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 406-409.	4.4	102
580	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
581	Tricyclo[6.2.0.0 ^{3,6}]deca-1,3,6,8-tetraene: A Remarkably Stable para-Quinodimethane from a Novel Rearrangement Reaction. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1706-1709.	4.4	13
582	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
583	A New Helicopodand: Molecular Recognition of Dicarboxylic Acids with High Diastereoselectivity. <i>Helvetica Chimica Acta</i> , 1993, 76, 2757-2774.	1.0	94
584	Coalescence reactions of fullerenes. <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1993, 26, 300-304.	1.0	11
585	Chiral Molecular Clefs For Dicarboxylic Acid Complexation. <i>Israel Journal of Chemistry</i> , 1992, 32, 69-77.	1.0	25
586	Structure and properties of superconducting and nonsuperconducting alkali metal fullerenes $A_{x}C_{60}$ (A = Na, K, Rb, or Cs). <i>Makromolekulare Chemie Macromolecular Symposia</i> , 1992, 59, 389-397.	0.6	2
587	Beyond C ₆₀ : the higher fullerenes. <i>Accounts of Chemical Research</i> , 1992, 25, 119-126.	7.6	362
588	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
589	Synthetic Approaches toward Molecular and Polymeric Carbon Allotropes. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1101-1123.	4.4	617
590	Novel Cross-Conjugated Compounds Derived from Tetraethynylethene. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1240-1242.	4.4	54
591	Enantioselective Complexation of Chiral Dicarboxylic Acids in Clefs of Functionalized 9,9- α^2 -Spirofluorenes. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1521-1523.	4.4	52
592	Strategien zum Aufbau molekularer und polymerer Kohlenstoffallotrope. <i>Angewandte Chemie</i> , 1992, 104, 1123-1146.	1.6	241
593	Enantioselective Komplexierung chiraler Dicarbonsäuren in funktionalisierten spaltenförmigen 9,9- α^2 -Spirofluorenen. <i>Angewandte Chemie</i> , 1992, 104, 1503-1505.	1.6	31
594	Solvent Effects in Molecular Recognition.. <i>Acta Chemica Scandinavica</i> , 1992, 46, 205-215.	0.7	59

#	ARTICLE	IF	CITATIONS
595	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
596	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
597	Synthesis of the helicopodands: novel shapes for chiral clefts. <i>Journal of Organic Chemistry</i> , 1991, 56, 6787-6795.	1.7	74
598	Solution-spray flash vacuum pyrolysis: a new method for the synthesis of linear poliyynes 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
599	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
600	Isolation of C ₇₆ , a chiral (D ₂) allotrope of carbon. <i>Nature</i> , 1991, 353, 149-153.	13.7	416
601	Tetraethynylethene. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 698-700.	4.4	82
602	C ₆₀ : From Soot to Superconductors. <i>Angewandte Chemie</i> , 1991, 103, 695-697.	1.6	27
603	Tetraethynylethen. <i>Angewandte Chemie</i> , 1991, 103, 708-710.	1.6	46
604	Electronic and structural properties of the cyclobutenodehydroannulenes. <i>Journal of the American Chemical Society</i> , 1990, 112, 1618-1623.	6.6	38
605	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
606	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
607	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
608	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
609	2,2',7,7'-Tetrahydroxy-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
610	Cyclophane zur Komplexierung von Neutralkmolekülen. <i>Angewandte Chemie</i> , 1988, 100, 372-396.	1.6	164
611	Complexation of Neutral Molecules by Cyclophane Hosts. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 362-386.	4.4	412
612	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

#	ARTICLE	IF	CITATIONS
613	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
614	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
615	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
616	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
617	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
618	Molecular Structure and Spectroscopic Properties of Kekulene. <i>Angewandte Chemie International Edition in English</i> , 1979, 18, 699-701.	4.4	51
619	Molekülstruktur und spektroskopische Eigenschaften des Kekulens. <i>Angewandte Chemie</i> , 1979, 91, 733-735.	1.6	27
620	Benzenoid versus Annulenoide Aromaticity: Synthesis and Properties of Kekulene. <i>Angewandte Chemie International Edition in English</i> , 1978, 17, 372-374.	4.4	182
621	Benzoide versus annulenoide Aromatizität: Synthese und Eigenschaften des Kekulens. <i>Angewandte Chemie</i> , 1978, 90, 383-385.	1.6	83
622	Functional Conjugated Materials for Optonics and Electronics by Tetraethynylethene Molecular Scaffolding. , 0, , 196-216.		5
623	Spacer-Controlled Multiple Functionalization of Fullerenes. <i>Topics in Current Chemistry</i> , 0, , 1-61.	4.0	27
624	Shape-Persistent Macrocycles Based on Acetylenic Scaffolding. , 0, , 185-231.		10