

Christoph A Schalley

List of Publications by Year in descending order

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268
papers

13,627
citations

23567

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30922

102
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301
docs citations

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times ranked

10717
citing authors

#	ARTICLE	IF	CITATIONS
1	Dimeric iodine (<sc>i</sc>) and silver (<sc>i</sc>) cages from tripodal N-donor ligands <i>via</i> the [Nâ€“Agâ€“N] ⁺ to [Nâ€“Iâ€“N] ⁺ cation exchange reaction. Inorganic Chemistry Frontiers, 2022, 9, 2231-2239.	6.0	7
2	A light-fuelled nanoratchet shifts a coupled chemical equilibrium. Nature Nanotechnology, 2022, 17, 159-165.	31.5	41
3	Composition-driven archetype dynamics in polyoxovanadates. Chemical Science, 2022, 13, 6397-6412.	7.4	8
4	Recent Advances on Supramolecular Gels: From Stimuli-Responsive Gels to Co-Assembled and Self-Sorted Systems. Organic Materials, 2021, 03, 025-040.	2.0	34
5	Gas-Phase Structural Analysis of Supramolecular Assemblies. Accounts of Chemical Research, 2021, 54, 2445-2456.	15.6	24
6	Dual-stimuli pseudorotaxane switches under kinetic control. Organic Chemistry Frontiers, 2021, 8, 3659-3667.	4.5	8
7	Light-controlled interconversion between a <i>[2]</i> daisy chain and a lasso-type pseudo[1]rotaxane. Chemical Communications, 2021, 57, 12317-12320.	4.1	14
8	Sequence-sorted redox-switchable hetero[3]rotaxanes. Organic Chemistry Frontiers, 2021, 9, 64-74.	4.5	7
9	Effect of Perfluorinated Side-Chain Length on the Morphology, Hydrophobicity, and Stability of Xerogel Coatings. Langmuir, 2021, 37, 14390-14397.	3.5	4
10	Redox-Responsive Hostâ€“Guest Chemistry of a Flexible Cage with Naphthalene Walls. Journal of the American Chemical Society, 2020, 142, 3306-3310.	13.7	35
11	Thermodynamic and electrochemical study of tailor-made crown ethers for redox-switchable (pseudo)rotaxanes. Beilstein Journal of Organic Chemistry, 2020, 16, 2576-2588.	2.2	7
12	Study on the Influence of Chirality in the Threading of Calix[6]arene Hosts with Dialkylammonium Axles. Molecules, 2020, 25, 5323.	3.8	2
13	A porous fluorinated organic [4+4] imine cage showing CO ₂ and H ₂ adsorption. Chemical Communications, 2020, 56, 4761-4764.	4.1	43
14	From a Cerium-Doped Polynuclear Bismuth Oxido Cluster to Î²-Bi ₂ O ₃ :Ce. Inorganic Chemistry, 2020, 59, 3353-3366.	4.0	14
15	Novel macrocycles â€“ and old ones doing new tricks. Beilstein Journal of Organic Chemistry, 2019, 15, 1838-1839.	2.2	0
16	Anion-driven encapsulation of cationic guests inside pyridine[4]arene dimers. Beilstein Journal of Organic Chemistry, 2019, 15, 2486-2492.	2.2	3
17	Chiroptical inversion of a planar chiral redox-switchable rotaxane. Chemical Science, 2019, 10, 10003-10009.	7.4	46
18	Ion Mobility Mass Spectrometric Investigation on the Photoisomerization of a 4,4â€“Diamidoazobenzene Model. ChemPhotoChem, 2019, 3, 473-479.	3.0	4

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19	Ion-Mobility Mass Spectrometry for the Rapid Determination of the Topology of Interlocked and Knotted Molecules. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11324-11328.	13.8	43
20	Ion-Mobility Mass Spectrometry for the Rapid Determination of the Topology of Interlocked and Knotted Molecules. <i>Angewandte Chemie</i> , 2019, 131, 11446-11450.	2.0	20
21	Insights into the synthesis of pillar[5]arene and its conversion into pillar[6]arene. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1044-1051.	4.5	9
22	Systematic XP and NEXAFS spectroscopy studies of (ter-)pyridine-terminated self-assembled monolayers and their addressability for functional molecules. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2019, 233, 28-37.	1.7	3
23	Naphthocage: A Flexible yet Extremely Strong Binder for Singly Charged Organic Cations. <i>Journal of the American Chemical Society</i> , 2019, 141, 4468-4473.	13.7	53
24	Accordion-Like Motion in Electrochemically Switchable Crown Ether/Ammonium Oligorotaxanes. <i>Angewandte Chemie</i> , 2019, 131, 3534-3538.	2.0	11
25	Electrochemically switchable rotaxanes: recent strides in new directions. <i>Chemical Science</i> , 2019, 10, 9626-9639.	7.4	39
26	Accordion-Like Motion in Electrochemically Switchable Crown Ether/Ammonium Oligorotaxanes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3496-3500.	13.8	35
27	Strong Emission Enhancement in pH-Responsive 2:2 Cucurbit[8]uril Complexes. <i>Chemistry - A European Journal</i> , 2019, 25, 3257-3261.	3.3	29
28	New Water-Soluble Cluster Compound $\{Zn(en)_3\}_3[V_{15}Sb_6O_{42}(H_2O)]_3$ (Ethylenediamine) ₃ as a Synthone for the Generation of Two New Antimonato Polyoxovanadates. <i>Chemistry - A European Journal</i> , 2018, 24, 5522-5528.	3.3	16
29	Konfigurationsisomerie in Polyoxovanadaten. <i>Angewandte Chemie</i> , 2018, 130, 3024-3028.	2.0	8
30	Ion mobility and gas phase H/D exchange: revealing the importance of a single hydrogen bond for the chiral recognition of crown ether ammonium complexes. <i>Chemical Communications</i> , 2018, 54, 4967-4970.	4.1	10
31	Imine-based [2]catenanes in water. <i>Chemical Science</i> , 2018, 9, 1317-1322.	7.4	45
32	Configurational Isomerism in Polyoxovanadates. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2972-2975.	13.8	43
33	An aryl-fused redox-active tetrathiafulvalene with enhanced mixed-valence and radical-cation dimer stabilities. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2741-2747.	2.8	10
34	Switchable synchronisation of pirouetting motions in a redox-active [3]rotaxane. <i>Nanoscale</i> , 2018, 10, 21425-21433.	5.6	19
35	Impact of the Exchange of the Coordinating Solvent Shell in $[Bi_{38}O_{45}(OMc)_{24}(dms)_9]$ by Alcohols: Crystal Structure, Gas Phase Stability, and Thermoanalysis. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1796-1804.	1.2	7
36	Surprising solvent-induced structural rearrangements in large $[N^+I^+]$ halogen-bonded supramolecular capsules: an ion mobility-mass spectrometry study. <i>Chemical Science</i> , 2018, 9, 8343-8351.	7.4	47

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37	Multivalent Crown Ether Receptors Enable Allosteric Regulation of Anion Exchange in an Fe ₄ L ₆ Tetrahedron. <i>Angewandte Chemie</i> , 2018, 130, 14317-14320.	2.0	6
38	Multivalent Crown Ether Receptors Enable Allosteric Regulation of Anion Exchange in an Fe ₄ L ₆ Tetrahedron. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14121-14124.	13.8	38
39	Tetrathiafulvalene – a redox-switchable building block to control motion in mechanically interlocked molecules. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 2163-2185.	2.2	59
40	To Anion- or not to Anion-: The Case of Anion-Binding to Divalent Fluorinated Pyridines in the Gas Phase. <i>Chemistry - A European Journal</i> , 2018, 24, 12879-12889.	3.3	4
41	Under Diffusion Control: from Structuring Matter to Directional Motion. <i>Advanced Materials</i> , 2018, 30, e1707029.	21.0	39
42	A Divalent Pentastable Redox-Switchable Donor-Acceptor Rotaxane. <i>Chemistry - A European Journal</i> , 2017, 23, 2960-2967.	3.3	33
43	Halogenverbrückte supramolekulare Kapseln im Festkörper, in Lösung und in der Gasphase. <i>Angewandte Chemie</i> , 2017, 129, 1172-1177.	2.0	29
44	Assessing cooperativity in supramolecular systems. <i>Chemical Society Reviews</i> , 2017, 46, 2622-2637.	38.1	197
45	The Delicate Balance of Preorganisation and Adaptability in Multiply Bonded Host-Guest Complexes. <i>Chemistry - A European Journal</i> , 2017, 23, 2877-2883.	3.3	23
46	PolyWhips: Directional Particle Transport by Gradient-Directed Growth and Stiffening of Supramolecular Assemblies. <i>Advanced Materials</i> , 2017, 29, 1604430.	21.0	5
47	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.	13.8	92
48	Chasing Weak Forces: Hierarchically Assembled Helicates as a Probe for the Evaluation of the Energetics of Weak Interactions. <i>Journal of the American Chemical Society</i> , 2017, 139, 16959-16966.	13.7	42
49	Competitive Transmetalation of First-Row Transition-Metal Ions between Trinuclear Triple-Stranded Side-by-Side Helicates. <i>Inorganic Chemistry</i> , 2017, 56, 12505-12513.	4.0	17
50	Nano-sized I12L6 Molecular Capsules Based on the [N...I...N] Halogen Bond. <i>Chem</i> , 2017, 3, 861-869.	861.869	86
51	Polyamide-Polyamine Cryptand as Dicarboxylate Receptor: Dianion Binding Studies in the Solid State, in Solution, and in the Gas Phase. <i>Journal of Organic Chemistry</i> , 2017, 82, 10007-10014.	3.2	16
52	Impact of mechanical bonding on the redox-switching of tetrathiafulvalene in crown ether-ammonium [2]rotaxanes. <i>Chemical Science</i> , 2017, 8, 6300-6306.	7.4	22
53	Redox-controlled self-inclusion of a lasso-type pseudo[1]rotaxane. <i>Chemical Communications</i> , 2017, 53, 9218-9221.	4.1	35
54	Reactivity of the Sterically Demanding Siloxanediol Mes ₂ Si(OH)($\frac{1}{4}$)Si(OH)Mes ₂ Towards Water and Ether Molecules. <i>Chemistry - A European Journal</i> , 2017, 23, 13964-13972.	3.3	6

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55	Orthogonal switching of self-sorting processes in a stimuli-responsive library of cucurbit[8]uril complexes. <i>Chemical Communications</i> , 2017, 53, 9546-9549.	4.1	17
56	Structural water as an essential comonomer in supramolecular polymerization. <i>Science Advances</i> , 2017, 3, eaao0900.	10.3	139
57	Investigations on the growth of bismuth oxido clusters and the nucleation to give metastable bismuth oxide modifications. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2017, 232, 185-207.	0.8	13
58	Photooxygenation and gas-phase reactivity of multiply threaded pseudorotaxanes. <i>Journal of Mass Spectrometry</i> , 2016, 51, 269-281.	1.6	2
59	A photoswitchable rotaxane operating in monolayers on solid support. <i>Chemical Communications</i> , 2016, 52, 14458-14461.	4.1	21
60	Lower critical solution temperature (LCST) phase behaviour of an ionic liquid and its control by supramolecular host-guest interactions. <i>Chemical Communications</i> , 2016, 52, 7970-7973.	4.1	43
61	[Nâ€¦â€¦â€¦L ⁺ â€¦â€¦N] Halogen-Bonded Dimeric Capsules from Tetrakis(3-pyridyl)ethylene Cavities. <i>Angewandte Chemie</i> , 2016, 128, 14239-14242.	2.0	23
62	[Nâ€¦â€¦â€¦L ⁺ â€¦â€¦N] Halogen-Bonded Dimeric Capsules from Tetrakis(3-pyridyl)ethylene Cavities. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14033-14036.	13.8	100
63	Allosteric and Chelate Cooperativity in Divalent Crown Ether/Ammonium Complexes with Strong Binding Enhancement. <i>Chemistry - A European Journal</i> , 2016, 22, 15475-15484.	3.3	16
64	Photocontrolled On-Surface Pseudorotaxane Formation with Well-Ordered Macrocyclic Multilayers. <i>Chemistry - A European Journal</i> , 2016, 22, 14383-14389.	3.3	14
65	Small, beautiful and magnetically exotic: {V ₄ W ₂ }- and {V ₄ W ₄ }-type polyoxometalates. <i>Dalton Transactions</i> , 2016, 45, 10519-10522.	3.3	8
66	Catalysis of outer-phase oxygen atom exchange reactions by encapsulated inner-phase water in {V ₁₅ Sb ₆ }-type polyoxovanadates. <i>Chemical Science</i> , 2016, 7, 2684-2694.	7.4	34
67	Catenation and encapsulation induce distinct reconstitutions within a dynamic library of mixed-ligand Zn ₄ L ₆ cages. <i>Chemical Science</i> , 2016, 7, 2614-2620.	7.4	67
68	Theoretical and experimental investigation of crown/ammonium complexes in solution. <i>Journal of Computational Chemistry</i> , 2016, 37, 18-24.	3.3	16
69	Efficient Self-Assembly of Di-, Tri-, Tetra-, and Hexavalent Hosts with Predefined Geometries for the Investigation of Multivalency. <i>Chemistry - A European Journal</i> , 2015, 21, 13035-13044.	3.3	8
70	Discrete multiporphyrin pseudorotaxane assemblies from di- and tetravalent porphyrin building blocks. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 748-762.	2.2	3
71	Supramolecular hydrophobic guest transport system based on pillar[5]arene. <i>Chemical Communications</i> , 2015, 51, 10326-10329.	4.1	19
72	Coupled Molecular Switching Processes in Ordered Mono- and Multilayers of Stimulus-Responsive Rotaxanes on Gold Surfaces. <i>Journal of the American Chemical Society</i> , 2015, 137, 4382-4390.	13.7	51

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73	Formation and Transmetalation Mechanisms of Homo- and Heterometallic (Fe/Zn) Trinuclear Triple-Stranded Side-by-Side Helicates. <i>Inorganic Chemistry</i> , 2015, 54, 4231-4242.	4.0	30
74	Gating the photochromism of an azobenzene by strong host-guest interactions in a divalent pseudo[2]rotaxane. <i>Chemical Communications</i> , 2015, 51, 9777-9780.	4.1	56
75	Thermodynamic Analysis of Allosteric and Chelate Cooperativity in Di- and Trivalent Ammonium/Crown-Ether Pseudorotaxanes. <i>Organic Letters</i> , 2015, 17, 5076-5079.	4.6	24
76	Enzyme-responsive pillar [5]arene-based polymer-substituted amphiphiles: synthesis, self-assembly in water, and application in controlled drug release. <i>Chemical Communications</i> , 2015, 51, 14901-14904.	4.1	48
77	Chelate cooperativity effects on the formation of di- and trivalent pseudo[2]rotaxanes with diketopiperazine threads and tetralactam wheels. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10881-10887.	2.8	9
78	Gas-phase chemistry of molecular containers. <i>Chemical Society Reviews</i> , 2015, 44, 515-531.	38.1	57
79	Integrative self-sorting: a versatile strategy for the construction of complex supramolecular architecture. <i>Chemical Society Reviews</i> , 2015, 44, 779-789.	38.1	350
80	The Synergetic Interplay of Weak Interactions in the Ion-Pair Recognition of Quaternary and Diquaternary Ammonium Salts by Halogenated Resorcinarenes. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 80-85.	2.4	18
81	Salicylate-Functionalized Bismuth Oxido Clusters: Hydrolysis Processes and Microbiological Activity. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4218-4227.	2.0	19
82	Principal Component Analysis (PCA)-Assisted Time-of-Flight Secondary-Ion Mass Spectrometry (ToF-SIMS): A Versatile Method for the Investigation of Self-Assembled Monolayers and Multilayers as Precursors for the Bottom-Up Approach of Nanoscaled Devices. <i>Analytical Chemistry</i> , 2014, 86, 5740-5748.	6.5	14
83	Self-sorting of crown ether/secondary ammonium ion hetero-[c2]daisy chain pseudorotaxanes. <i>Organic Chemistry Frontiers</i> , 2014, 1, 532-540.	4.5	26
84	Evaluation of multivalency as an organization principle for the efficient synthesis of doubly and triply threaded amide rotaxanes. <i>Organic Chemistry Frontiers</i> , 2014, 1, 521-531.	4.5	23
85	Supramolecular Polymers as Surface Coatings: Rapid Fabrication of Healable Superhydrophobic and Slippery Surfaces. <i>Advanced Materials</i> , 2014, 26, 7358-7364.	21.0	126
86	Stimuli-induced folding cascade of a linear oligomeric guest chain programmed through cucurbit[n]uril self-sorting (n = 6, 7, 8). <i>Chemical Science</i> , 2014, 5, 2560-2567.	7.4	49
87	The versatility of click-reactions: molecular recognition at interfaces. <i>RSC Advances</i> , 2014, 4, 17694-17702.	3.6	28
88	Self-recovering stimuli-responsive macrocycle-equipped supramolecular ionogels with unusual mechanical properties. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 503-510.	2.8	25
89	Supramolecular reactivity in the gas phase: investigating the intrinsic properties of non-covalent complexes. <i>Chemical Society Reviews</i> , 2014, 43, 1800.	38.1	37
90	Exploring Macrocycles in Functional Supramolecular Gels: From Stimuli Responsiveness to Systems Chemistry. <i>Accounts of Chemical Research</i> , 2014, 47, 2222-2233.	15.6	267

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91	Programmable multilayers of nanometer-sized macrocycles on solid support and stimuli-controlled on-surface pseudorotaxane formation. <i>Chemical Science</i> , 2013, 4, 3131.	7.4	20
92	Synthesis and Coordinative Layer-by-Layer Deposition of Pyridine-Functionalized Gold Nanoparticles and Tetralactam Macrocycles on Silicon Substrates. <i>Langmuir</i> , 2013, 29, 14284-14292.	3.5	11
93	Mass Spectrometry and Gas-Phase Chemistry of Bismuth-Oxido Clusters. <i>ChemPlusChem</i> , 2013, 78, 1005-1014.	2.8	22
94	Multivalency in the Gas Phase: H/D Exchange Reactions Unravel the Dynamic "Rock" Motion in Dendrimer-Dendrimer Complexes. <i>Chemistry - A European Journal</i> , 2013, 19, 14867-14875.	3.3	11
95	Synthesis and Characterization of Polynuclear Oxidobismuth Sulfonates. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1427-1433.	2.0	23
96	Fibrous Networks with Incorporated Macrocycles: A Chiral Stimuli-Responsive Supramolecular Supergelator and Its Application to Biocatalysis in Organic Media. <i>Chemistry - A European Journal</i> , 2013, 19, 10150-10159.	3.3	37
97	Generation of a Dynamic System of Three-Dimensional Tetrahedral Polycatenanes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5749-5752.	13.8	124
98	Pseudorotaxanes with Self-Sorted Sequence and Stereochemical Orientation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7437-7441.	13.8	89
99	Sequence-Programmable Multicomponent Multilayers of Nanometer-Sized Tetralactam Macrocycles on Gold Surfaces. <i>Journal of Physical Chemistry C</i> , 2013, 117, 18980-18985.	3.1	16
100	Exploring the Palladium- and Platinum-Bis(pyridine) Complex Motif by NMR Spectroscopy, X-ray Crystallography, (Tandem) Mass Spectrometry, and Isothermal Titration Calorimetry: Do Substituent Effects Follow Chemical Intuition?. <i>Chemistry - A European Journal</i> , 2012, 18, 16665-16676.	3.3	15
101	Encapsulation of Luminescent Homoleptic [Ru(dpp) ₃] ²⁺ -Type Chromophores within an Amphiphilic Dendritic Environment. <i>Chemistry - A European Journal</i> , 2012, 18, 15424-15432.	3.3	11
102	Interpretation of experimental N K NEXAFS of azide, 1,2,3-triazole and terpyridyl groups by DFT spectrum simulations. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2012, 185, 621-624.	1.7	18
103	Gas-phase organocatalysis with crown ethers. <i>Chemical Science</i> , 2012, 3, 1111.	7.4	17
104	Intermixed Terpyridine-Functionalized Monolayers on Gold: Nonlinear Relationship between Terpyridyl Density and Metal Ion Coordination Properties. <i>Langmuir</i> , 2012, 28, 10755-10763.	3.5	18
105	Deposition of Ordered Layers of Tetralactam Macrocycles and Ether Rotaxanes on Pyridine-Terminated Self-Assembled Monolayers on Gold. <i>Journal of the American Chemical Society</i> , 2012, 134, 16289-16297.	13.7	31
106	Successive coordination of palladium(II)-ions and terpyridine-ligands to a pyridyl-terminated self-assembled monolayer on gold. <i>Surface Science</i> , 2012, 606, 367-377.	1.9	30
107	Substituent effects on axle binding in amide pseudorotaxanes: comparison of NMR titration and ITC data with DFT calculations. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5954.	2.8	22
108	Multivalency as a Chemical Organization and Action Principle. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10472-10498.	13.8	854

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109	Unexpected One-Step Formation of Iodo[1,3]dioxolo[4,5 <i>i</i>]pyridine Derivatives by a Hofmann-Löffler-Freytag Reaction: Studies on the Synthesis of a Pyridine-Containing Macrocyclic. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5685-5692.	2.4	5
110	Vorstufen und Modellverbindungen für metastabile Bismutoxide. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 1567-1567.	1.2	1
111	Systems chemistry: logic gates based on the stimuli-responsive gel-sol transition of a crown ether-functionalized bis(urea) gelator. <i>Chemical Science</i> , 2012, 3, 2073.	7.4	127
112	Synthesis of multivalent host and guest molecules for the construction of multithreaded diamide pseudorotaxanes. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 234-245.	2.2	12
113	Chelate Cooperativity and Spacer Length Effects on the Assembly Thermodynamics and Kinetics of Divalent Pseudorotaxanes. <i>Journal of the American Chemical Society</i> , 2012, 134, 1860-1868.	13.7	99
114	Supramolecular [M ₄ L ₄] Tetrahedra Based on Triangular Acylhydrazone Catechol Ligands. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2422-2427.	2.4	21
115	Ion-Pair Recognition of Tetramethylammonium Salts by Halogenated Resorcinarenes. <i>Chemistry - A European Journal</i> , 2012, 18, 5552-5557.	3.3	46
116	Equipping metallo-supramolecular macrocycles with functional groups: assemblies of pyridine-substituted urea ligands. <i>Dalton Transactions</i> , 2012, 41, 8410.	3.3	38
117	Evidence of click and coordination reactions on a self-assembled monolayer by synchrotron radiation based XPS and NEXAFS. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2012, 185, 85-89.	1.7	31
118	Light-Harvesting in Multichromophoric Rotaxanes. <i>Chemistry - A European Journal</i> , 2012, 18, 1528-1535.	3.3	28
119	Phenanthroline- and Terpyridine-Substituted Tetralactam Macrocycles: A Facile Route to Rigid Di- and Trivalent Receptors and Interlocked Molecules. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1171-1178.	2.4	8
120	Effects of subtle differences in ligand constitution and conformation in metallo-supramolecular self-assembled polygons. <i>Dalton Transactions</i> , 2011, 40, 12089.	3.3	22
121	A neutral Pt ₃ stack unsupported by any bridging ligand. <i>Dalton Transactions</i> , 2011, 40, 5159.	3.3	21
122	Gas-phase H/D-exchange experiments in supramolecular chemistry. <i>New Journal of Chemistry</i> , 2011, 35, 529-541.	2.8	15
123	[4]Pseudorotaxanes with Remarkable Self-Sorting Selectivities. <i>Organic Letters</i> , 2011, 13, 4502-4505.	4.6	55
124	Gas-phase H/D-exchange reactions on resorcinarene and pyrogallarene capsules: Proton transport through a one-dimensional Grothuss mechanism. <i>Chemical Science</i> , 2011, 2, 615-624.	7.4	34
125	CH ₂ -O Hydrogen Bonds in Clicked-Diketopiperazine-Based Amide Rotaxanes. <i>Organic Letters</i> , 2011, 13, 4838-4841.	4.6	32
126	Supramolecular chemistry II. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 1541-1542.	2.2	1

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127	Thermodynamically controlled self-sorting of hetero-bimetallic metallo-supramolecular macrocycles: what a difference a methylene group makes!. <i>Chemical Communications</i> , 2011, 47, 1830-1832.	4.1	43
128	Multidentate Pyridyl-Based Ligands in the Coordination-Driven Self-Assembly of Palladium Metallo-Macrocycles. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 469-477.	2.4	11
129	Self-Sorting of Water-Soluble Cucurbituril Pseudorotaxanes. <i>Chemistry - A European Journal</i> , 2011, 17, 2344-2348.	3.3	79
130	Synthesis of 5-Acetyloxazoles and 1,2-Diketones from α -Alkoxy- β -ketoenamides and Their Subsequent Transformations. <i>Chemistry - A European Journal</i> , 2011, 17, 7480-7491.	3.3	46
131	Hydrolysis of a Basic Bismuth Nitrate—Formation and Stability of Novel Bismuth Oxido Clusters. <i>Chemistry - A European Journal</i> , 2011, 17, 6985-6990.	3.3	52
132	From $\{Bi_{22}O_{26}\}$ to Chiral Ligand-Protected $\{Bi_{38}O_{45}\}$ -Based Bismuth Oxido Clusters. <i>Chemistry - A European Journal</i> , 2011, 17, 14805-14810.	3.3	38
133	Tandem mass spectrometry for the analysis of self-sorted pseudorotaxanes: the effects of Coulomb interactions. <i>Journal of Mass Spectrometry</i> , 2010, 45, 788-798.	1.6	30
134	Experimental evidence for the functional relevance of anion- π interactions. <i>Nature Chemistry</i> , 2010, 2, 533-538.	13.6	434
135	Templated versus non-templated synthesis of benzo-21-crown-7 and the influence of substituents on its complexing properties. <i>Beilstein Journal of Organic Chemistry</i> , 2010, 6, 14.	2.2	21
136	Host-guest chemistry of dendrimers in the gas phase. <i>Supramolecular Chemistry</i> , 2010, 22, 672-682.	1.2	4
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