Achim MÃ¼ller

List of Publications by Year
in descending order

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		7568	7950
325	26,724	77	149
papers	citations	h-index	g-index

394	394	394	8294
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Alcohols as Latent Hydrophobes: Entropically Driven Uptake of 1,2-Diol Functionalized Ligands by a Porous Capsule in Water. Journal of the American Chemical Society, 2019, 141, 9170-9174.	13.7	12
2	Torque-Detected Electron Spin Resonance as a Tool to Investigate Magnetic Anisotropy in Molecular Nanomagnets. Magnetochemistry, 2016, 2, 25.	2.4	5
3	The Uptake and Assembly of Alkanes within a Porous Nanocapsule in Water: New Information about Hydrophobic Confinement. Angewandte Chemie - International Edition, 2016, 55, 4476-4481.	13.8	26
4	The Uptake and Assembly of Alkanes within a Porous Nanocapsule in Water: New Information about Hydrophobic Confinement. Angewandte Chemie, 2016, 128, 4552-4557.	2.0	10
5	Densely Packed Hydrophobic Clustering: Encapsulated Valerates Form a Highâ€Temperatureâ€Stable {Mo₁₃₂} Capsule System. Angewandte Chemie, 2016, 128, 6746-6749.	2.0	1
6	Titelbild: Densely Packed Hydrophobic Clustering: Encapsulated Valerates Form a Highâ€Temperatureâ€Stable {Mo₁₃₂} Capsule System (Angew. Chem. 23/2016). Angewandte Chemie, 2016, 128, 6673-6673.	2.0	0
7	Densely Packed Hydrophobic Clustering: Encapsulated Valerates Form a Highâ€Temperatureâ€Stable {Mo₁₃₂} Capsule System. Angewandte Chemie - International Edition, 2016, 55, 6634-6637.	13.8	18
8	Hedgehog-shaped {Mo368} cluster: unique electronic/structural properties, surfactant encapsulation and related self-assembly into vesicles and films. Soft Matter, 2015, 11, 2372-2378.	2.7	12
9	Porous Capsules with a Large Number of Active Sites: Nucleation/Growth under Confined Conditions. Chemistry - A European Journal, 2015, 21, 4321-4325.	3.3	10
10	A Unique Fluoride Nanocontainer: Porous Molecular Capsules Can Accommodate an Unusually High Number of â€œRather Labileâ€•Fluoride Anions. Angewandte Chemie - International Edition, 2015, 54, 5879-5882.	13.8	11
11	Amplified Rate Acceleration by Simultaneous Up-Regulation of Multiple Active Sites in an Endo-Functionalized Porous Capsule. Journal of the American Chemical Society, 2015, 137, 12740-12743.	13.7	22
12	Biomimetic Approach for Ion Channels Based on Surfactant Encapsulated Spherical Porous Metalâ€Oxide Capsules. Advanced Materials, 2015, 27, 5165-5170.	21.0	19
13	The mechanism of CO₂ hydration: a porous metal oxide nanocapsule catalyst can mimic the biological carbonic anhydrase role. Chemical Communications, 2015, 51, 15596-15599.	4.1	13
14	Molecular recognition of Ca²⁺cations by internal and external receptors/interfaces in a spherical porous molybdenum-oxide capsule: unusual coordination scenarios. Inorganic Chemistry Frontiers, 2014, 1, 740-744.	6.0	7
15	Spin-forbidden transitions in the molecular nanomagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="bold">V</mml:mi><mml:mn>15</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 90, .	3.2	7
16	Water Repellency in Hydrophobic Nanocapsulesâ€”Molecular View on Dewetting. Chemistry - A European Journal, 2014, 20, 6659-6664.	3.3	12
17	Immediate Formation/Precipitation of Icosahedrally Structured Ironâ€“Molybdenum Mixed Oxides from Solutions Upon Mixing Simple Iron(III) and Molybdate Salts. Journal of Cluster Science, 2014, 25, 301-311.	3.3	18
18	Tracking â€œApolarâ€•NMe₄⁺ Ions within Two Polyoxothiomolybdates that Have the Same Pores: Smaller Clathrate and Larger Highly Porous Clusters in Action. Chemistry - A European Journal, 2014, 20, 3097-3105.	3.3	14

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19	Capsules with Highly Active Pores and Interiors: Versatile Platforms at the Nanoscale. Chemistry - A European Journal, 2014, 20, 4862-4873.	3.3	48
20	Water Repellency in Hydrophobic Nanocapsules-Molecular View on Dewetting. Chemistry - A European Journal, 2014, 20, 6561-6561.	3.3	4
21	Keplerate cluster (Mo-132) mediated electrostatic assembly of nanoparticles. Journal of Colloid and Interface Science, 2014, 432, 144-150.	9.4	5
22	Incoherent Quasielastic Neutron Scattering Study of the Relaxation Dynamics in Molybdenum-Oxide Keplerate-Type Nanocages. Journal of Physical Chemistry C, 2014, 118, 13300-13312.	3.1	6
23	Encapsulated Water Inside Mo₁₃₂ Capsules: The Role of Long-Range Correlations of about 1 nm. Journal of Physical Chemistry C, 2014, 118, 5545-5555.	3.1	11
24	Systematic Study of the Interaction Between VIV Centres and LnIII Ions in Well Defined {V 2 IV LnIII}{AsIIIW9O33}2 Sandwich-Type Clusters: Part 2. Journal of Cluster Science, 2013, 24, 979-988.	3.3	8
25	Highly Selective Li⁺ Ion Transport by Porous Molybdenumâ€Oxide Kepleratеâ€Type Nanocapsules Integrated in a Supported Liquid Membrane. Israel Journal of Chemistry, 2013, 53, 102-107.	2.3	18
26	Molybdate templated assembly of Ln12Mo4-type clusters (Ln = Sm, Eu, Gd) containing a truncated tetrahedron core. Chemical Communications, 2013, 49, 36-38.	4.1	72
27	A further step towards tuning the properties of metal-chalcogenide nanocapsules by replacing skeletal oxide by sulphide ligands. Dalton Transactions, 2013, 42, 330-333.	3.3	7
28	Stepwiseâ€Resolved Thermodynamics of Hydrophobic Selfâ€Assembly. Angewandte Chemie - International Edition, 2013, 52, 8358-8362.	13.8	28
29	An Unstable Paramagnetic Isopolyoxomolybdate Intermediate Nonâ€Homogeneously Reduced at Different Sites and Trapped in a Host Based on Chemical Adaptability. Angewandte Chemie - International Edition, 2013, 52, 11765-11769.	13.8	12
30	InnenrÃ¼cktitelbild: Stepwise-Resolved Thermodynamics of Hydrophobic Self-Assembly (Angew. Chem.) Tj ETQq0 0 0 rgBT /Overlock 10	2.0	0
31	From serendipity to design of polyoxometalates at the nanoscale, aesthetic beauty and applications. Chemical Society Reviews, 2012, 41, 7333.	38.1	426
32	Chemical Adaptability: The Integration of Different Kinds of Matter into Giant Molecular Metal Oxides. Chemistry - A European Journal, 2012, 18, 16310-16318.	3.3	18
33	From linking of metal-oxide building blocks in a dynamic library to giant clusters with unique properties and towards adaptive chemistry. Chemical Society Reviews, 2012, 41, 7431.	38.1	340
34	Picking up 30 CO₂ Molecules by a Porous Metal Oxide Capsule Based on the Same Number of Receptors. Angewandte Chemie - International Edition, 2012, 51, 10528-10531.	13.8	28
35	The Amazingly Complex Behaviour of Molybdenum Blue Solutions. NATO Science for Peace and Security Series B: Physics and Biophysics, 2012, , 103-117.	0.3	0
36	Catalysis in a Porous Molecular Capsule: Activation by Regulated Access to Sixty Metal Centers Spanning a Truncated Icosahedron. Journal of the American Chemical Society, 2012, 134, 13082-13088.	13.7	81

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37	Spontaneous self-assembly of a giant spherical metal-oxide Keplerate: addition of one building block induces â€œimmediateâ€•formation of the complementary one from a constitutional dynamic library. Chemical Communications, 2012, 48, 350-352.	4.1	44
38	Encapsulation of Keggin-type anions in reduced molybdenumâ€“iron-type Keplerates as a general phenomenon. Inorganica Chimica Acta, 2012, 389, 107-111.	2.4	12
39	Self-Recognition Among Different Polyprotic Macroions During Assembly Processes in Dilute Solution. Science, 2011, 331, 1590-1592.	12.6	109
40	Oxoâ€Metalate Building Blocks: Conceptual Competitors for Tetravalent Carbon?. Israel Journal of Chemistry, 2011, 51, 176-178.	2.3	11
41	Titelbild: A Nanosized Molybdenum Oxide Wheel with a Unique Electronic-Necklace Structure: STM Study with Submolecular Resolution (Angew. Chem. 31/2011). Angewandte Chemie, 2011, 123, 7065-7065.	2.0	0
42	Guests on Different Internal Capsule Sites Exchange with Each Other and with the Outside. Angewandte Chemie - International Edition, 2011, 50, 410-414.	13.8	53
43	A Nanosized Molybdenum Oxide Wheel with a Unique Electronicâ€Necklace Structure: STM Study with Submolecular Resolution. Angewandte Chemie - International Edition, 2011, 50, 7018-7021.	13.8	37
44	Cover Picture: A Nanosized Molybdenum Oxide Wheel with a Unique Electronic-Necklace Structure: STM Study with Submolecular Resolution (Angew. Chem. Int. Ed. 31/2011). Angewandte Chemie - International Edition, 2011, 50, 6931-6931.	13.8	0
45	Softening of Pore and Interior Properties of a Metalâ€Oxideâ€Based Capsule: Substituting 60 Oxide by 60 Sulfide Ligands. Angewandte Chemie - International Edition, 2011, 50, 12326-12329.	13.8	41
46	Reduced Molybenumâ€Oxideâ€Based Coreâ€“Shell Hybrids: â€œBlueâ€•Electrons Are Delocalized on the Shell. Chemistry - A European Journal, 2011, 17, 6635-6642.	3.3	24
47	Hydrophobic Interactions and Clustering in a Porous Capsule: Option to Remove Hydrophobic Materials from Water. Chemistry - A European Journal, 2011, 17, 9634-9639.	3.3	48
48	A Molecular Magnet Confined in the Nanocage of a Globular Protein. ChemPhysChem, 2010, 11, 389-393.	2.1	6
49	Porous Capsules {(M)M₅}₁₂Fe^{III}₃₀ (M=Mo^{VI}, W^{VI}): Sphere Surface Supramolecular Chemistry with 20 Ammonium Ions, Related Solution Properties, and Tuning of Magnetic Exchange Interactions. Angewandte Chemie - International Edition, 2010, 49, 514-519.	13.8	77
50	Coordination chemistry of copper-molybdates with alkoxide ligands: The {Mo4O10(OMe)6}2â^' and [Mo2O4{RC(CH2O)3}2]2â^' clusters as building blocks. Inorganica Chimica Acta, 2010, 363, 1386-1394.	2.4	10
51	Unveiling the Transient Template in the Self-Assembly of a Molecular Oxide Nanowheel. Science, 2010, 327, 72-74.	12.6	270
52	Structure-related frustrated magnetism of nanosized polyoxometalates: aesthetics and properties in harmony. Dalton Transactions, 2010, 39, 21-36.	3.3	227
53	Gated and Differently Functionalized (New) Porous Capsules Direct Encapsulates' Structures: Higher and Lower Density Water. Chemistry - A European Journal, 2009, 15, 1844-1852.	3.3	74
54	Unprecedented and Differently Applicable Pentagonal Units in a Dynamic Library: A Keplerate of the Type {(W)W₅}₁₂{Mo₂}₃₀. Angewandte Chemie - International Edition, 2009, 48, 149-153.	13.8	115

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55	Supramolecular Chemistry on a Cluster Surface: Fixation/Complexation of Potassium and Ammonium Ions with Crownâ€Etherâ€Like Rings. Angewandte Chemie - International Edition, 2009, 48, 5934-5937.	13.8	25
56	A Spherical 24â€‰Butyrate Aggregate with a Hydrophobic Cavity in a Capsule with Flexible Pores: Confinement Effects and Uptakeâ€“Release Equilibria at Elevated Temperatures. Angewandte Chemie - International Edition, 2009, 48, 8051-8056.	13.8	65
57	Predicting a structured future. Nature Chemistry, 2009, 1, 13-14.	13.6	27
58	Polyoxometalates: Fascinating structures, unique magnetic properties. Coordination Chemistry Reviews, 2009, 253, 2315-2327.	18.8	508
59	Polyoxotungstates now also with pentagonal units: supramolecular chemistry and tuning of magnetic exchange in {(M)M5}12V30 Keplerates (M = Mo, W). Chemical Communications, 2009, , 3351.	4.1	62
60	Molybdenum-oxide based unique polyprotic nanoacids showing different deprotonations and related assembly processes in solution. Dalton Transactions, 2009, , 5094.	3.3	42
61	Vectorial growth/regulations in a {P8W48}-type polyoxotungstate compartment: trapped unusual molybdenum oxide acts as a handle. Chemical Communications, 2009, , 7491.	4.1	29
62	Flexible Pores of a Metal Oxide-Based Capsule Permit Entry of Comparatively Larger Organic Guests. Journal of the American Chemical Society, 2009, 131, 6380-6382.	13.7	102
63	Cellular cation transport studied by 6, 7Li and 23Na NMR in a porous Mo132 Keplerate type nano-capsule as model system. Magnetic Resonance in Chemistry, 2008, 46, S24-S29.	1.9	11
64	Azotobacter vinelandii Metal Storage Protein: â€œClassicalâ€•Inorganic Chemistry Involved in Mo/W Uptake and Release Processes. ChemBioChem, 2008, 9, 595-602.	2.6	19
65	Nucleation Process in the Cavity of a 48â€Tungstophosphate Wheel Resulting in a 16â€Metalâ€Centre Iron Oxide Nanocluster. Chemistry - A European Journal, 2008, 14, 1186-1195.	3.3	150
66	Confinement and Stepâ€Wise Reopening of Channels in an Artificial Cell/Inorganic Capsule: A⁷Li NMR Study. Chemistry - A European Journal, 2008, 14, 8808-8811.	3.3	18
67	Field induced crossover in antiferromagnetic spin-frustrated clusters: Influence of static and dynamic structural deformations. Journal of Molecular Structure, 2008, 890, 170-177.	3.6	5
68	The behaviour of in a water nanodrop encapsulated within a highly charged porous metalâ€“oxide nanocontainer: A thermoanalytical study. Inorganic Chemistry Communication, 2008, 11, 110-113.	3.9	4
69	Crossover of the magnetic sublevels in spin frustrated clusters: The role of static and dynamic deformations. Solid State Sciences, 2008, 10, 1814-1819.	3.2	8
70	Synthetic Ion Channels via Self-Assembly: A Route for Embedding Porous Polyoxometalate Nanocapsules in Lipid Bilayer Membranes. Nano Letters, 2008, 8, 3916-3921.	9.1	49
71	Cation behavior at an artificial cell interface: binding distinguished by ion hydration energetics and size. Chemical Communications, 2008, , 948.	4.1	27
72	Multiple nearest-neighbor exchange model for the frustrated magnetic molecules{Mo72Fe30}and{Mo72Cr30}. Physical Review B, 2008, 77, .	3.2	39

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73	Hydrophilic Inorganic Macro-Ions in Solution: Unprecedented Self-Assembly Emerging from Historical "Blue Waters". Journal of Chemical Education, 2007, 84, 526.	2.3	37
74	Rates of Ligand Exchange between >Fe^{III}â˜'OH₂ Functional Groups on a Nanometer-Sized Aqueous Cluster and Bulk Solution. Inorganic Chemistry, 2007, 46, 7087-7092.	4.0	39
75	Static Magnetization of V15Cluster at Ultra-Low Temperatures:Â Precise Estimation of Antisymmetric Exchange. Inorganic Chemistry, 2007, 46, 161-169.	4.0	56
76	Mimicking Biological Cationâ€Transport Based on Sphereâ€Surface Supramolecular Chemistry: Simultaneous Interaction of Porous Capsules with Molecular Plugs and Passing Cations. Chemistry - A European Journal, 2007, 13, 7650-7658.	3.3	49
77	Towards Biological Supramolecular Chemistry: A Variety of Pocket-Templated, Individual Metal Oxide Cluster Nucleations in the Cavity of a Mo/W-Storage Protein. Angewandte Chemie - International Edition, 2007, 46, 2408-2413.	13.8	89
78	Metal-Oxide-Based Nucleation Process under Confined Conditions: Two Mixed-Valence V6-Type Aggregates Closing the W48 Wheel-Type Cluster Cavities. Angewandte Chemie - International Edition, 2007, 46, 4477-4480.	13.8	106
79	Extending the {(Mo)Mo5}12M30 Capsule Keplerate Sequence: A {Cr30} Cluster ofS=3/2 Metal Centers with a {Na(H2O)12} Encapsulate. Angewandte Chemie - International Edition, 2007, 46, 6106-6110.	13.8	141
80	Towards Biological Supramolecular Chemistry: A Variety of Pocket-Templated, Individual Metal Oxide Cluster Nucleations in the Cavity of a Mo/W-Storage Protein. Angewandte Chemie - International Edition, 2007, 46, 2970-2970.	13.8	2
81	Self-Association Based on Interfacial Structured Water Leads to {Mo154}â‰ˆ1165 Super Clusters: A Dielectric Study. ChemPhysChem, 2007, 8, 646-649.	2.1	27
82	Making 3dâ€“4f hexanuclear clusters from heterotrinuclear cationic building blocks. Inorganica Chimica Acta, 2007, 360, 4044-4050.	2.4	34
83	Antisymmetric exchange and pseudo Jahnâ€“Teller instability in spin-frustrated metal clusters. Journal of Molecular Structure, 2007, 838, 124-132.	3.6	30
84	Nanometer-Sized Molybdenumâ€“Iron Oxide Capsule-Surface Modifications: External and Internal. Small, 2007, 3, 986-992.	10.0	10
85	Foreword: A Special Issue to Dieter Fenske. Journal of Cluster Science, 2007, 18, 473-475.	3.3	0
86	Systematic Study of the Interaction Between VIV Centres and Lanthanide Ions MIII in Well Defined {VIV 2MIII}{AsIIIW9O33}2 Sandwich Type Clusters: Part 1. Journal of Cluster Science, 2007, 18, 711-719.	3.3	58
87	Nanoscopic Molecular Cluster V15: High-Field Epr and Magnetization at Ultra-Low Temperatures. Chemistry Journal of Moldova, 2007, 2, 17-35.	0.6	2
88	Reactions inside a porous nanocapsule/artificial cell: encapsulates' structuring directed by internal surface deprotonations. Chemical Communications, 2006, , 3396-3398.	4.1	21
89	Deprotonations and Charges of Well-Defined {Mo72Fe30} Nanoacids Simply Stepwise Tuned by pH Allow Control/Variation of Related Self-Assembly Processes. Journal of the American Chemical Society, 2006, 128, 15914-15920.	13.7	154
90	Formation of a â€œless stableâ€•polyanion directed and protected by electrophilic internal surface functionalities of a capsule in growth: [{Mo6O19}2â˜'âŠ‚{Movi72Feiii30O252(ac)20(H2O)92}]4â˜'. Chemical Communications, 2006, , 3066-3068.	4.1	50

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91	High-field magnetization of V15 cluster at ultra-low temperatures: Importance of antisymmetric exchange and its precise estimation. Chemical Physics Letters, 2006, 428, 361-366.	2.6	24
92	Chemistry at the apical position of square-pyramidal copper(II) complexes: Synthesis, crystal structures, and magnetic properties of homopolynuclear complexes with azido bridges containing [Cu(AA)(BB)]+ moieties (AA=acetylacetonate; BB=1,10-phenanthroline, bipy=2,2â€²-bipyridine). Inorganica Chimica Acta, 2006, 359, 459-467.	2.4	32
93	Crossover of the magnetic levels and adiabatic magnetization of the mesoscopic cluster V15. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 353, 48-59.	2.1	38
94	Countercation Transport Modeled by Porous Spherical Molybdenumâ€‰Oxideâ€‰Based Nanocapsules. Chemistry - an Asian Journal, 2006, 1, 76-81.	3.3	25
95	Electrocatalytic Reduction of O2 by a Cu(II)-Substituted Electron-Rich Wheel-Type Oxomolybdate Nanocluster. Journal of Cluster Science, 2006, 17, 333-348.	3.3	8
96	Introduction: A Special Issue Dedicated to Michael T. Pope. Journal of Cluster Science, 2006, 17, 139-141.	3.3	5
97	â€œGatingâ€•the Pores of a Metal Oxide Based Capsule: After Initial Cation Uptake Subsequent Cations Are Found Hydrated and Supramolecularly Fixed above the Pores. Angewandte Chemie - International Edition, 2006, 45, 460-465.	13.8	72
98	Reinecke Anion Derivatives and Homobinuclear Complexes as Tectons in Designing Heteropolymetallic Systems. European Journal of Inorganic Chemistry, 2006, 2006, 903-907.	2.0	20
99	[Ni(S4)2]2âŠ–, ein homoleptischer Tetrasulfido-Nickel(II)-Komplex. Angewandte Chemie, 2006, 95, 1030-1030.	2.0	17
100	Low temperature EPR spectra of the mesoscopic cluster V15: The role of antisymmetric exchange. Journal of Chemical Physics, 2006, 125, 054714.	3.0	45
101	Chameleon water: assemblies confined in nanocapsules. Journal of Molecular Liquids, 2005, 118, 155-162.	4.9	33
102	Coordination chemistry under confined conditions: a simplified illustrative view. Comptes Rendus Chimie, 2005, 8, 47-56.	0.5	17
103	Linking Giant Molybdenum Oxide Based Nanoâ€Objects Based on Wellâ€Defined Surfaces in Different Phases. European Journal of Inorganic Chemistry, 2005, 2005, 3561-3570.	2.0	31
104	Triangular Geometrical and Magnetic Motifs Uniquely Linked on a Spherical Capsule Surface. Angewandte Chemie - International Edition, 2005, 44, 3857-3861.	13.8	143
105	Porous Capsules Allow Pore Opening and Closing That Results in Cation Uptake. Angewandte Chemie - International Edition, 2005, 44, 7757-7761.	13.8	50
106	Oxomolybdates: From Structures to Functions in a New Era of Nanochemistry. , 2005, , 452-475.		25
107	A New Type of Metalloprotein: The Mo Storage Protein from Azotobacter vinelandii Contains a Polynuclear Molybdenum-Oxide Cluster. ChemBioChem, 2005, 6, 405-413.	2.6	49
108	A Small Cavity with Reactive Internal Shell Atoms Spanned by Four {As(W/V)9}-Type Building Blocks Allows Host-Guest Chemistry under Confined Conditions. Chemistry - A European Journal, 2005, 11, 5849-5854.	3.3	16

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109	Expanding the Hierarchy of Metal-Oxide Building Blocks from Fragments via Clusters to Networks: A â^ž 2 [({Mo17(NO)2}3{MoV 2}3{FeIII}6)(FeII 1.5)]-Type Layer Compound. Journal of Cluster Science, 2005, 16, 391-396.	3.3	2
110	Introduction: A Special Issue Dedicated to Ilya I. Moiseev. Journal of Cluster Science, 2005, 16, 303-305.	3.3	0
111	Synthesis, Fragmentation, and Rearrangement Reactions of Annelated CyclobutylcarbinolsÂ. Synthesis, 2005, 2005, 2321-2326.	2.3	1
112	Detailed ESR Measurements for the Quantum Molecular Magnet V15 at Ultra-Low Temperatures. Progress of Theoretical Physics Supplement, 2005, 159, 302-307.	0.1	6
113	Porous inorganic capsules in action: modelling transmembrane cation-transport parameter-dependence based on water as vehicle. Chemical Communications, 2005, , 3912.	4.1	35
114	Ferrimagnetically ordered nanosized polyoxomolybdate-based cluster spheres. Chemical Communications, 2005, , 5621.	4.1	36
115	Construction of Tube- and Ladderlike Copper(II) Coordination Polymers Based on the Nicotinato Tecton. Crystal Growth and Design, 2005, 5, 707-711.	3.0	30
116	Multifunctional metal oxide based nanoobjects: spherical porous capsules/artificial cells and wheel-shaped species with unprecedented materials properties. Journal of Materials Chemistry, 2005, 15, 4673.	6.7	47
117	Extended Structures Constructed from Alkoxo-Bridged Binuclear Complexes as Nodes and Bis(4-pyridyl)ethylene as a Spacer. Crystal Growth and Design, 2005, 5, 279-282.	3.0	36
118	ESR experiments of molecular magnet V15 at ultra-low temperatures. Physica B: Condensed Matter, 2004, 346-347, 206-210.	2.7	18
119	Artificial Cells: Temperature-Dependent, Reversible Li+-Ion Uptake/Release Equilibrium at Metal Oxide Nanocontainer Pores. Angewandte Chemie - International Edition, 2004, 43, 4466-4470.	13.8	103
120	Artificial Cells: Temperature-Dependent, Reversible Li+-Ion Uptake/Release Equilibrium at Metal Oxide Nanocontainer Pores. Angewandte Chemie - International Edition, 2004, 43, 5115-5115.	13.8	27
121	Quantum dynamics of molecular magnets in ultra-fast sweeping magnetic fields. Physica B: Condensed Matter, 2004, 346-347, 216-220.	2.7	28
122	Binuclear coordination compounds as building-blocks in designing polynuclear complexes. Polyhedron, 2004, 23, 673-678.	2.2	45
123	On the complex hedgehog-shaped cluster species containing 368 Mo atoms: simple preparation method, new spectral details and information about the unique formation. Polyhedron, 2004, 23, 2381-2385.	2.2	70
124	Diaminotriazine substituted 1,3-alternate calix[4]arenes. New Journal of Chemistry, 2004, 28, 1335-1339.	2.8	8
125	En route to coordination chemistry under confined conditions in a porous capsule: Pr3+with different coordination shells. Chemical Communications, 2004, , 2038-2039.	4.1	31
126	Title is missing!. Angewandte Chemie, 2003, 115, 2131-2136.	2.0	32

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127	Drawing Small Cations into Highly Charged Porous Nanocontainers Reveals â€œWaterâ€•Assembly and Related Interaction Problems. Angewandte Chemie - International Edition, 2003, 42, 2085-2090.	13.8	137
128	Trapping Cations in Specific Positions in Tuneableâ€œArtificial Cellâ€•Channels: New Nanochemistry Perspectives. Angewandte Chemie - International Edition, 2003, 42, 5039-5044.	13.8	141
129	Nanocapsule water-based chemistry. Comptes Rendus Chimie, 2003, 6, 1201-1208.	0.5	26
130	En route from the mystery of molybdenum blue via related manipulatable building blocks to aspects of materials science. Coordination Chemistry Reviews, 2003, 245, 153-166.	18.8	276
131	Reductive PET-fragmentationâ€“cyclization processes of bicyclo[n.3.0]alkanones: synthesis of angular quasi-triquinane and propellane systems. Tetrahedron Letters, 2003, 44, 5979-5982.	1.4	8
132	New tetranuclear copper(II) complexes obtained by using compartmental and exo-dentate ligands. Polyhedron, 2003, 22, 1385-1389.	2.2	19
133	[Mn(MAC){Î¼1,5-N(CN)2}](PF6): a new one-dimensional coordination polymer with Î¼1,5-dicyanamido bridges (MAC=pentaaza macrocyclic ligand)â€”synthesis, crystal structure and magnetic properties. Polyhedron, 2003, 22, 1611-1615.	2.2	28
134	Self-assembly and crystal structure of a novel hetero-octametallic molecular box (Chelate) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td	2.2	16
135	Structure of a cavity-encapsulated nanodrop of water. Inorganic Chemistry Communication, 2003, 6, 52-53.	3.9	51
136	Electrochemical investigation of molecular growth of the {Mo57V6} polyoxometalate cluster. Electrochemistry Communications, 2003, 5, 511-518.	4.7	21
137	Self-assembly in aqueous solution of wheel-shaped Mo154 oxide clusters into vesicles. Nature, 2003, 426, 59-62.	27.8	481
138	Characterization of a Tungsten-Substituted Nitrogenase Isolated fromRhodobacter capsulatus,. Biochemistry, 2003, 42, 3846-3857.	2.5	52
139	CHEMISTRY: The Beauty of Symmetry. Science, 2003, 300, 749-750.	12.6	99
140	Synergetic activation of â€œsilent receptorâ€•sites leading to a new type of inclusion complex: integration of a 64-membered ring comprising K+and SO42â¯ions into a molybdenum oxide-based nanoobject. Chemical Communications, 2003, , 2000-2001.	4.1	23
141	High-frequency magnetic spectroscopy on the molecular magnetic cluster V15. Physical Chemistry Chemical Physics, 2003, 5, 2778-2782.	2.8	26
142	Ferromagnetic Cullâ€“CuII exchange interactions in a polyoxomolybdate-based nanocluster. Journal of Applied Physics, 2003, 93, 7101-7102.	2.5	11
143	Nanosized Inorganic Clusters. , 2003, , 303-317.		0
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