

Achim MÃ¼ller

List of Publications by Year in descending order

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325
papers

26,724
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7568

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8294
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#	ARTICLE	IF	CITATIONS
1	Polyoxometalate Chemistry: An Old Field with New Dimensions in Several Disciplines. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 34-48.	4.4	3,368
2	Polyoxometalates: Very Large Clusters/Nanoscale Magnets. <i>Chemical Reviews</i> , 1998, 98, 239-272.	47.7	1,304
3	Transition Metal Thiometalates: Properties and Significance in Complex and Bioinorganic Chemistry. <i>Angewandte Chemie International Edition in English</i> , 1981, 20, 934-955.	4.4	573
4	Chemie der Polyoxometallate: Aktuelle Variationen über ein altes Thema mit interdisziplinären Bezügen. <i>Angewandte Chemie</i> , 1991, 103, 56-70.	2.0	548
5	Polyoxometalates: Fascinating structures, unique magnetic properties. <i>Coordination Chemistry Reviews</i> , 2009, 253, 2315-2327.	18.8	508
6	Supramolecular Inorganic Chemistry: Small Guests in Small and Large Hosts. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2328-2361.	4.4	500
7	Inorganic Chemistry Goes Protein Size: A Molybdenum Nano-Hedgehog Initiating Nanochemistry by Symmetry Breaking. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1162-1167.	13.8	482
8	Self-assembly in aqueous solution of wheel-shaped Mo ₁₅₄ oxide clusters into vesicles. <i>Nature</i> , 2003, 426, 59-62.	27.8	481
9	From serendipity to design of polyoxometalates at the nanoscale, aesthetic beauty and applications. <i>Chemical Society Reviews</i> , 2012, 41, 7333.	38.1	426
10	Soluble Molybdenum Blues of Pöschel and Kern. <i>Accounts of Chemical Research</i> , 2000, 33, 2-10.	15.6	383
11	Archimedean Synthesis and Magic Numbers: Giant Molybdenum-Oxide-Based Molecular Spheres of the Keplerate Type. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3238-3241.	13.8	381
12	[Mo ₁₅₄ (NO) ₁₄ O ₄₂₀ (OH) ₂₈ (H ₂ O) ₇₀](25± 5) ⁺ : A Water-Soluble Big Wheel with More than 700 Atoms and a Relative Molecular Mass of About 24000. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2122-2124.	4.4	352
13	From linking of metal-oxide building blocks in a dynamic library to giant clusters with unique properties and towards adaptive chemistry. <i>Chemical Society Reviews</i> , 2012, 41, 7431.	38.1	340
14	Organizational Forms of Matter: An Inorganic Super Fullerene and Keplerate Based on Molybdenum Oxide. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 3359-3363.	13.8	338
15	A variety of combinatorially linkable units as disposition: from a giant icosahedral Keplerate to multi-functional metal-oxide based network structures. <i>Chemical Communications</i> , 1999, , 1347-1358.	4.1	333
16	En route from the mystery of molybdenum blue via related manipulatable building blocks to aspects of materials science. <i>Coordination Chemistry Reviews</i> , 2003, 245, 153-166.	18.8	276
17	Unveiling the Transient Template in the Self-Assembly of a Molecular Oxide Nanowheel. <i>Science</i> , 2010, 327, 72-74.	12.6	270
18	Formation of a Ring-Shaped Reduced Metal Oxide with the Simple Composition [(MoO ₃) ₁₇₆ (H ₂ O) ₈₀ H ₃₂]. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1220-1223.	13.8	251

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19	Toward Nanodevices: Synthesis and Characterization of the Nanoporous Surfactant-Encapsulated Keplerate (DODA) ₄₀ (NH ₄) ₂ [(H ₂ O) ₁₃₂ O ₃₇₂ (CH ₃ COO) ₃₀ (H ₂ O) ₇₂]. <i>Journal of the American Chemical Society</i> , 2000, 122, 1995-1998.	13.7	241
20	Surfactant-Encapsulated Clusters (SECs): (DODA) ₂₀ (NH ₄) ₂ [H ₃ Mo ₅ V ₆ (NO) ₆ O ₁₈₃ (H ₂ O) ₁₈], a Case Study. <i>Chemistry - A European Journal</i> , 2000, 6, 385-393.	3.3	237
21	Polyoxovanadates: High-Nuclearity Spin Clusters with Interesting Host-Guest Systems and Different Electron Populations. Synthesis, Spin Organization, Magnetochemistry, and Spectroscopic Studies. <i>Inorganic Chemistry</i> , 1997, 36, 5239-5250.	4.0	228
22	Structure-related frustrated magnetism of nanosized polyoxometalates: aesthetics and properties in harmony. <i>Dalton Transactions</i> , 2010, 39, 21-36.	3.3	227
23	A Novel Heterocluster with D ₃ -Symmetry Containing Twenty-One Core Atoms: [As ₆ III ₁₅ IVO ₄₂ (H ₂ O)] ₆ . <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 1721-1721.	4.4	199
24	Topologically Interesting Cages for Negative Ions with Extremely High Coordination Number: An Unusual Property of V-O Clusters. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 926-927.	4.4	186
25	Classical and Quantum Magnetism in Giant Keplerate Magnetic Molecules. <i>ChemPhysChem</i> , 2001, 2, 517-521.	2.1	180
26	Thioanionen der Übergangsmetalle: Eigenschaften und Bedeutung für Komplexchemie und Bioorganische Chemie. <i>Angewandte Chemie</i> , 1981, 93, 957-977.	2.0	179
27	Ultrathin Molybdenum Polyoxometalate-Polyelectrolyte Multilayer Films. <i>Langmuir</i> , 1998, 14, 3462-3465.	3.5	162
28	Deprotonations and Charges of Well-Defined {Mo ₇₂ Fe ₃₀ } Nanoacids Simply Stepwise Tuned by pH Allow Control/Variation of Related Self-Assembly Processes. <i>Journal of the American Chemical Society</i> , 2006, 128, 15914-15920.	13.7	154
29	Molecular Symmetry Breakers: Generating Metal-Oxide-Based Nanoobject Fragments as Synthons for Complex Structures: [Mo ₁₂₈ Eu ₄₀ O ₃₈₈ H ₁₀ (H ₂ O) ₈₁] ₂ ·20, a Giant-Cluster Dimer. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2805-2808.	13.8	153
30	Nucleation Process in the Cavity of a 48-Tungstophosphate Wheel Resulting in a 16-Metal-Centre Iron Oxide Nanocluster. <i>Chemistry - A European Journal</i> , 2008, 14, 1186-1195.	3.3	150
31	Trinuclear Clusters of the Early Transition Elements. <i>Angewandte Chemie International Edition in English</i> , 1980, 19, 875-882.	4.4	146
32	The preparation of different types of polynuclear transition metal sulfur compounds by thiometallates, including cubane-like ones. Crystal structures of {Cu ₃ WS ₃ Cl}(PPh ₃) ₃ S,		

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37	Extending the $\{(\text{Mo})\text{Mo}_5\}_{12}\text{M}_3\text{O}_{30}$ Capsule Keplerate Sequence: A $\{\text{Cr}_{30}\}$ Cluster of $S=3/2$ Metal Centers with a $\{\text{Na}(\text{H}_2\text{O})_{12}\}$ Encapsulate. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6106-6110.	13.8	141
38	Drawing Small Cations into Highly Charged Porous Nanocontainers Reveals "Water" Assembly and Related Interaction Problems. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2085-2090.	13.8	137
39	Vibrational spectra of oxo-, thio-, and selenometallates of transition elements in the solid state. , 1976, , 81-139.		136
40	Supramolekulare Anorganische Chemie: von GÄsten in kleinen und groÄYen Wirten. <i>Angewandte Chemie</i> , 1995, 107, 2505-2539.	2.0	135
41	Induced molecule self-organization. <i>Nature</i> , 1991, 352, 115-115.	27.8	128
42	Spherical Mixed-Valence $[\text{V}_{15}\text{O}_{36}]^{5-}$, an Example from an Unusual Cluster Family. <i>Angewandte Chemie International Edition in English</i> , 1987, 26, 1045-1046.	4.4	127
43	Formation of a Cluster Sheath around a Central Cluster by "Self-Organization Process" the Mixed Valence Polyoxovanadate $[\text{V}_{34}\text{O}_{82}]^{10-}$. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 588-590.	4.4	127
44	Ultrathin Composite Films Incorporating the Nanoporous Isopolyoxomolybdate "Keplerate" $(\text{NH}_4)_4[\text{Mo}_{132}\text{O}_{372}(\text{CH}_3\text{COO})_{30}(\text{H}_2\text{O})_{72}]$. <i>Chemistry of Materials</i> , 2000, 12, 2829-2831.	6.7	124
45	Changeable Pore Sizes Allowing Effective and Specific Recognition by a Molybdenum-Oxide Based "Nanosponge" En Route to Sphere-Surface and Nanoporous-Cluster Chemistry. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3604-3609.	13.8	124
46	Template-Controlled Formation of Cluster Shells or a Type of Molecular Recognition: Synthesis of $[\text{HV}_{22}\text{O}_{54}(\text{ClO}_4)]^{6-}$ and $[\text{H}_2\text{V}_{18}\text{O}_{44}(\text{N}_3)]^{5-}$. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 1674-1677.	4.4	119
47	$[\text{Mo}_{154}(\text{NO})_{14}\text{O}_{420}(\text{OH})_{28}(\text{H}_2\text{O})_{70}]^{25-}$ Tj ETQq0 0 0 rgBT /Overlock 10 von ca. 24000. <i>Angewandte Chemie</i> , 1995, 107, 2293-2295.	2.0	119
48	Synthetic, spectroscopic, and X-ray crystallographic studies on binuclear copper(II) complexes with a tridentate NNS-bonding 2-formylpyridine thiosemicarbazone ligand. The characterization of both neutral and deprotonated co-ordinated ligand structures. <i>Journal of the Chemical Society Dalton Transactions</i> , 1987, , 493-499.	1.1	117
49	Unprecedented and Differently Applicable Pentagonal Units in a Dynamic Library: A Keplerate of the Type $\{(\text{W})\text{W}_5\}_{12}\{\text{Mo}_2\}_{30}$. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 149-153.	13.8	115
50	Topologisch und elektronisch bemerkenswerte "reduzierte" Cluster des Typs $[\text{V}_{18}\text{O}_{42}(\text{X})]_n$ (X = SO_4) Tj ETQq0 0 0 rgBT /Overlock 10 <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1991, 595, 251-274.	1.2	112
51	Demonstration of a molybdenum- and vanadium-independent nitrogenase in a nifHDK-deletion mutant of <i>Rhodobacter capsulatus</i> . <i>FEBS Journal</i> , 1991, 195, 653-661.	0.2	111
52	Molybdenum Blue: A 200 Year Old Mystery Unveiled. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1206-1208.	4.4	110
53	Self-Recognition Among Different Polyprotic Macroions During Assembly Processes in Dilute Solution. <i>Science</i> , 2011, 331, 1590-1592.	12.6	109
54	Metal-Oxide-Based Nucleation Process under Confined Conditions: Two Mixed-Valence V6-Type Aggregates Closing the W48 Wheel-Type Cluster Cavities. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4477-4480.	13.8	106

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55	Artificial Cells: Temperature-Dependent, Reversible Li ⁺ -Ion Uptake/Release Equilibrium at Metal Oxide Nanocontainer Pores. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4466-4470.	13.8	103
56	[Mo ₁₂ O ₃₀ (1/4-OH) ₁₀ H ₂ {NiII(H ₂ O) ₃ }] ₄ , a Highly Symmetrical μ ₄ -Keggin Unit Capped with Four NiII Centers: Synthesis and Magnetism. <i>Inorganic Chemistry</i> , 2000, 39, 5176-5177.	4.0	102
57	Flexible Pores of a Metal Oxide-Based Capsule Permit Entry of Comparatively Larger Organic Guests. <i>Journal of the American Chemical Society</i> , 2009, 131, 6380-6382.	13.7	102
58	Open and Shut for Guests in Molybdenum-Oxide-Based Giant Spheres, Baskets, and Rings Containing the Pentagon as a Common Structural Element. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3241-3245.	13.8	100
59	CHEMISTRY: The Beauty of Symmetry. <i>Science</i> , 2003, 300, 749-750.	12.6	99
60	Cation Inclusion within the Mixed-Valence Polyanion Cluster [(MoVIO ₃) ₄ Mo ₁₂ VO ₂₈ (OH) ₁₂] ₈ ⁴⁻ : Syntheses and Structures of (NH ₄) ₇ [NaMo ₁₆ (OH) ₁₂ O ₄₀]·4H ₂ O and (Me ₂ NH ₂) ₆ [H ₂ Mo ₁₆ (OH) ₁₂ O ₄₀]. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1780-1782.	4.4	97
61	Comparative Biochemical Characterization of the Iron-Only Nitrogenase and the Molybdenum Nitrogenase from <i>Rhodobacter Capsulatus</i> . <i>FEBS Journal</i> , 1997, 244, 789-800.	0.2	97
62	The Fe-only nitrogenase from <i>Rhodobacter capsulatus</i> : identification of the cofactor, an unusual, high-nuclearity iron-sulfur cluster, by Fe K-edge EXAFS and 57Fe Mössbauer spectroscopy. <i>Journal of Biological Inorganic Chemistry</i> , 2002, 7, 37-45.	2.6	97
63	A Novel Host/Guest System with a Nanometer Large Cavity for Anions and Cations: [2NH ₄ ⁺ , 2Cl ⁻] ₈ , V ₁₄ O ₂₂ (OH) ₄ (H ₂ O) ₂ -(C ₆ H ₅ PO ₃) ₈ ⁶⁻ . <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1192-1195.	4.4	90
64	Heterobinuclear Complexes as Building Blocks in Designing Extended Structures. <i>Inorganic Chemistry</i> , 2002, 41, 5314-5316.	4.0	89
65	Towards Biological Supramolecular Chemistry: A Variety of Pocket-Templated, Individual Metal Oxide Cluster Nucleations in the Cavity of a Mo/W-Storage Protein. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2408-2413.	13.8	89
66	A New Type of Supramolecular Compound: Molybdenum-Oxide-Based Composites Consisting of Magnetic Nanocapsules with Encapsulated Keggin-Ion Electron Reservoirs Cross-Linked to a Two-Dimensional Network. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3413-3417.	13.8	85
67	[V ₁₉ O ₄₁ (OH) ₉] ₈ ³⁻ , An Ellipsoid-Shaped Cluster Anion Belonging to the Unusual Family of VIV/VVOxygen Clusters. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 1719-1721.	4.4	81
68	Linking Icosahedral, Strong Molecular Magnets {MoFe} to Layers: A Solid-State Reaction at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1612-1614.	13.8	81
69	Catalysis in a Porous Molecular Capsule: Activation by Regulated Access to Sixty Metal Centers Spanning a Truncated Icosahedron. <i>Journal of the American Chemical Society</i> , 2012, 134, 13082-13088.	13.7	81
70	Giant Clusters with Unusual Electronic and Magnetic Structures Due to Open Shell Metal Centers Embedded Far Apart from Each Other: Spin Frustration and Antisymmetric Exchange. <i>Inorganic Chemistry</i> , 1996, 35, 1926-1934.	4.0	79
71	Trinuclear Fragments as Nucleation Centres: New Polyoxoalkoxyvanadates by (Induced) Self-Assembly. <i>Chemistry - A European Journal</i> , 1998, 4, 1388-1397.	3.3	79
72	Giant Ring-Shaped Building Blocks Linked to Form a Layered Cluster Network with Nanosized Channels: [Mo ₁₂₄ VIMo ₂₈ VO ₄₂₉ (1/43-O) ₂₈ H ₁₄ (H ₂ O) _{66.5}] ₁₆ ²⁻ . <i>Chemistry - A European Journal</i> , 1999, 5, 1496-1502.	3.3	78

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73	Influencing the Size of Giant Rings by Manipulating Their Curvatures: $\text{Na}_6[\text{Mo}_{12}\text{O}_{36}(\text{H}_2\text{O})_4\text{Pr}(\text{H}_2\text{O})_5]_6 \cdot \frac{1}{4}200\text{H}_2\text{O}$ with Open Shell Metal Centers at the Cluster Surface. <i>Inorganic Chemistry</i> , 2000, 39, 3112-3113.	4.0	78
74	An Unusual Polyoxomolybdate: Giant Wheels Linked to Chains. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 484-486.	4.4	77
75	Porous Capsules $\{(M)\text{M}_{12}\text{Fe}_{30}\}$ (M=Mo, W): Sphere Surface Supramolecular Chemistry with 20 Ammonium Ions, Related Solution Properties, and Tuning of Magnetic Exchange Interactions. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 514-519.	13.8	77
76	$[\text{Mo}_5\text{Fe}_6(\text{NO})_6\text{O}_{174}(\text{OH})_3(\text{H}_2\text{O})_{24}]_{15}^{2-}$: A Highly Symmetrical Giant Cluster with an Unusual Cavity and the Possibility of Positioning Paramagnetic Centers on Extremely Large Cluster Surfaces. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 849-851.	4.4	76
77	Hierarchic patterning: architectures beyond "giant molecular wheels"™. <i>Chemical Communications</i> , 2001, , 1928-1929.	4.1	76
78	Unusual Stepwise Assembly and Molecular Growth: $[\text{H}_{14}\text{Mo}_{37}\text{O}_{112}]_{14}^{2-}$ and $[\text{H}_3\text{Mo}_{57}\text{V}_6(\text{NO})_6\text{O}_{189}(\text{H}_2\text{O})_{12}(\text{MoO})_6]_{21}^{2-}$. <i>Chemistry - A European Journal</i> , 1998, 4, 1000-1006.	3.3	74
79	Gated and Differently Functionalized (New) Porous Capsules Direct Encapsulates' Structures: Higher and Lower Density Water. <i>Chemistry - A European Journal</i> , 2009, 15, 1844-1852.	3.3	74
80	Synthesis of heterometallic clusters from thiometalates by "unit construction"™. <i>Inorganica Chimica Acta</i> , 1983, 76, L245-L246.	2.4	72
81	Thirty Electrons "Trapped" in a Spherical Matrix: A Molybdenum Oxide-Based Nanostructured Keplerate Reduced by 36 Electrons. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1614-1616.	13.8	72
82	"Gating" the Pores of a Metal Oxide Based Capsule: After Initial Cation Uptake Subsequent Cations Are Found Hydrated and Supramolecularly Fixed above the Pores. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 460-465.	13.8	72
83	Molybdate templated assembly of Ln ₁₂ Mo ₄ -type clusters (Ln = Sm, Eu, Gd) containing a truncated tetrahedron core. <i>Chemical Communications</i> , 2013, 49, 36-38.	4.1	72
84	On the complex hedgehog-shaped cluster species containing 368 Mo atoms: simple preparation method, new spectral details and information about the unique formation. <i>Polyhedron</i> , 2004, 23, 2381-2385.	2.2	70
85	1-Chloro-2,2-bis(4-chlorophenyl)-1-lithioethene · TMEDA · 2THF: Structure of a Li $\ddot{\text{C}}\text{Cl}$ Carbenoid. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1032-1033.	4.4	69
86	Pythagorean Harmony in the World of Metal Oxygen Clusters of the Mo ₁₁ Type: Giant Wheels and Spheres both Based on a Pentagonal Type Unit. , 2000, , 203-236.		68
87	Exchanged ligands on the surface of a giant cluster: $[(\text{MoO}_3)_{176}(\text{H}_2\text{O})_{63}(\text{CH}_3\text{OH})_{17}\text{Hn}](32 \text{ } ^- \text{ n})^{2-}$. <i>Chemical Communications</i> , 1998, , 1501-1502.	4.1	67
88	A Spherical 24% Butyrate Aggregate with a Hydrophobic Cavity in a Capsule with Flexible Pores: Confinement Effects and Uptake/Release Equilibria at Elevated Temperatures. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8051-8056.	13.8	65
89	Controlling Growth of Novel Solid-State Materials via Discrete Molybdenum-Oxide-Based Building Blocks as Synthons. <i>Journal of Solid State Chemistry</i> , 2000, 152, 57-67.	2.9	64
90	Activation and Sulfur-Atom Transfer Reaction of Cluster-Bonded S ²⁻ -Bridge Ligands: Synthesis of the New Cluster $[\text{Mo}_3\text{IVS}_4(\text{CN})_9]_{5}^{2-}$ from $[\text{Mo}_3\text{IVS}_2]_{6}^{2-}$ and CN^- . <i>Angewandte Chemie International Edition in English</i> , 1980, 19, 72-73.	4.4	63

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91	A hydrogen-bonded cluster with anion-type™ structure, encapsulated and induced by a spherical cluster shell: [(H ₂ O) _n S, MoVI ₂ MoV ₆ O ₃₇₂ (HCO ₂) ₃₀ (H ₂ O) ₇₂] ₄₂ ⁻ . Chemical Communications, 1999, , 927-929.	4.1	62
92	Multiply bridgehead- and periphery-substituted tribenzotriquinacenes™ highly versatile rigid molecular building blocks with C _{3v} or C ₃ symmetry. Tetrahedron, 2001, 57, 3587-3613.	1.9	62
93	Polyoxotungstates now also with pentagonal units: supramolecular chemistry and tuning of magnetic exchange in {(M)M ₅ } ₁₂ V ₃₀ Keplerates (M = Mo, W). Chemical Communications, 2009, , 3351.	4.1	62
94	Systematic Study of the Interaction Between VIV Centres and Lanthanide Ions MIII in Well Defined {VIV ₂ MIII}{AsIIIW ₉ O ₃₃ } ₂ Sandwich Type Clusters: Part 1. Journal of Cluster Science, 2007, 18, 711-719.	3.3	58
95	Äbergangsmetallchalkogenverbindungen Thio-Anionen als zweizÄhnige Liganden in Äbergangsmetall-komplexen: Darstellung und Eigenschaften von Tetrathio-wolframato-Verbindungen von Nill, Coll und ZnII. Chemische Berichte, 1971, 104, 975-980.	0.2	57
96	Novel soluble cyclic and polycyclic polysulfido species: [Au ₂ S ₈] ₂ ⁻ , [Cu ₄ S _x] ₂ ⁻ (x = 13~15) and other copper clusters. Inorganica Chimica Acta, 1984, 85, L39-L41.	2.4	57
97	Topologisch interessante Käfige fÄ¼r negative Ionen mit extrem hoher ÄKoordinationszahlÄ; Eine ungewÄhnliche Eigenschaft von VÄÖÄClustern. Angewandte Chemie, 1990, 102, 927-929.	2.0	57
98	Selective removal of molybdenum traces from growth media of N ₂ -fixing bacteria. Analytical Biochemistry, 1991, 193, 292-298.	2.4	57
99	On the option of generating novel type surfaces with multiphilic ligands within the cavity of a giant metalÄoxide based wheel type cluster: chemical reactions with well-defined nanoobjects. Chemical Communications, 2001, , 655-656.	4.1	57
100	Static Magnetization of V ₁₅ Cluster at Ultra-Low Temperatures:Ä Precise Estimation of Antisymmetric Exchange. Inorganic Chemistry, 2007, 46, 161-169.	4.0	56
101	(Ph ₄ P) ₂ [CuCN(MoS ₄)] and (Me ₄ N) ₂ (CuCN) ₂ MoS ₄ : Thiomolybdate Ligands on the Cu Atoms of a CuCN Molecule and azigzag-CuCN Chain. Angewandte Chemie International Edition in English, 1981, 20, 1060-1061.	4.4	55
102	Title is missing!. Angewandte Chemie, 2002, 114, 3756-3761.	2.0	55
103	Detection of the in vivo incorporation of a metal cluster into a protein. The FeMo cofactor is inserted into the FeFe protein of the alternative nitrogenase of Rhodobacter capsulatus. FEBS Journal, 1993, 215, 25-35.	0.2	54
104	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
105	Inorganic cluster compounds as models for the structure of active sites in promoted hydrodesulphurization catalysts. Journal of the Chemical Society Faraday Transactions I, 1987, 83, 2157.	1.0	52
106	Heisenberg spin triangles in {V ₆ }-type magnetic molecules:Ä Experiment and theory. Physical Review B, 2002, 66, .	3.2	52
107	Characterization of a Tungsten-Substituted Nitrogenase Isolated from Rhodobacter capsulatus,. Biochemistry, 2003, 42, 3846-3857.	2.5	52
108	Vanadium(IV) and mixed-valence vanadium(IV/V) oxygen clusters with novel electronic properties, including the examples [V ₁₂ As ₈ O ₄₀ (HCO ₂) _n] ⁿ⁻ (n = 3 or 5). Journal of the Chemical Society Chemical Communications, 1991, , 273-274.	2.0	51

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109	Structure of a cavity-encapsulated nanodrop of water. <i>Inorganic Chemistry Communication</i> , 2003, 6, 52-53.	3.9	51
110	Porous Capsules Allow Pore Opening and Closing That Results in Cation Uptake. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7757-7761.	13.8	50
111	Formation of a "less stable" polyanion directed and protected by electrophilic internal surface functionalities of a capsule in growth: $[\{\text{Mo}_6\text{O}_{19}\}^{2-}\text{S}, \{\text{M}_2\text{Fe}_{10}\text{O}_{25}(\text{ac})_2(\text{H}_2\text{O})_9\}^{4-}]$. <i>Chemical Communications</i> , 2006, , 3066-3068.	4.1	50
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