

Erhard T K Haupt

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A "Double-Diamond Superlattice" Built Up of Cd ₁₇ S ₄ (SCH ₂ CH ₂ OH) ₂₆ Clusters. <i>Science</i> , 1995, 267, 1476-1479.	12.6	354
2	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
3	"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
4	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
5	Carbon in tundra soils in the Lake Labaz region of arctic Siberia. <i>European Journal of Soil Science</i> , 2007, 58, 1164-1174.	3.9	57
6	Structural characterisation of humic acid-bound PAH residues in soil by ¹³ C-PMAS-NMR-spectroscopy: evidence of covalent bonds. <i>Chemosphere</i> , 2002, 48, 117-131.	8.2	54
7	Guests on Different Internal Capsule Sites Exchange with Each Other and with the Outside. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 410-414.	13.8	53
8	Mimicking Biological Cation Transport Based on Sphere Surface Supramolecular Chemistry: Simultaneous Interaction of Porous Capsules with Molecular Plugs and Passing Cations. <i>Chemistry - A European Journal</i> , 2007, 13, 7650-7658.	3.3	49
9	Hydrophobic Interactions and Clustering in a Porous Capsule: Option to Remove Hydrophobic Materials from Water. <i>Chemistry - A European Journal</i> , 2011, 17, 9634-9639.	3.3	48
10	Thiolate coordination to Fe(II) porphyrin NO centers. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 940-948.	3.5	44
11	Characterisation of coupling products formed by biotransformation of biphenyl and diphenyl ether by the white rot fungus <i>Pycnoporus cinnabarinus</i> . <i>Archives of Microbiology</i> , 2000, 174, 393-398.	2.2	36
12	Porous inorganic capsules in action: modelling transmembrane cation-transport parameter-dependence based on water as vehicle. <i>Chemical Communications</i> , 2005, , 3912.	4.1	35
13	Synthesis and Structure of Digerma- and Distannacyclobutenes. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 603-604.	4.4	33
14	A New Three Dimensional Crystal Structure of a Cadmium Thiolate. <i>Inorganic Chemistry</i> , 1995, 34, 4926-4929.	4.0	30
15	Picking up 30 CO ₂ Molecules by a Porous Metal Oxide Capsule Based on the Same Number of Receptors. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10528-10531.	13.8	28
16	Artificial Cells: Temperature-Dependent, Reversible Li ⁺ -Ion Uptake/Release Equilibrium at Metal Oxide Nanocontainer Pores. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5115-5115.	13.8	27
17	Cation behavior at an artificial cell interface: binding distinguished by ion hydration energetics and size. <i>Chemical Communications</i> , 2008, , 948.	4.1	27
18	Counter-cation Transport Modeled by Porous Spherical Molybdenum Oxide-Based Nanocapsules. <i>Chemistry - an Asian Journal</i> , 2006, 1, 76-81.	3.3	25

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19	Reactions inside a porous nanocapsule/artificial cell: encapsulates' structuring directed by internal surface deprotonations. <i>Chemical Communications</i> , 2006, , 3396-3398.	4.1	21
20	Lanthanum-139 NMR spectroscopy of triscyclopentadienyllanthanum(III) derivatives: a promising new tool for solution studies. <i>Inorganica Chimica Acta</i> , 1987, 139, 315-318.	2.4	19
21	Catalytic Isomerization of Methylated 1,5-Cyclooctadienes. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 1062-1064.	4.4	19
22	Confinement and Step-Wise Reopening of Channels in an Artificial Cell/Inorganic Capsule: A ⁷ Li NMR Study. <i>Chemistry - A European Journal</i> , 2008, 14, 8808-8811.	3.3	18
23	Chemical Adaptability: The Integration of Different Kinds of Matter into Giant Molecular Metal Oxides. <i>Chemistry - A European Journal</i> , 2012, 18, 16310-16318.	3.3	18
24	Densely Packed Hydrophobic Clustering: Encapsulated Valerates Form a High-Temperature-Stable {Mo ₁₃₂ } Capsule System. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6634-6637.	13.8	18
25	Strukturnachweis von 9-Äthylhydroxyäthylstronmethylether durch zweidimensionale Protonen-NMR und ¹³ C-NMR-Spektroskopie. <i>Liebigs Annalen Der Chemie</i> , 1982, 1982, 1971-1981.	0.8	14
26	Complexes of esters of ethylenediphosphonic acid with lanthanide nitrates—synthesis and structure. <i>Heteroatom Chemistry</i> , 2006, 17, 36-46.	0.7	13
27	Secondary structure of peptides. 17 ^o Cis/trans isomerism of solid proline-containing oligopeptides as revealed by ¹³ C NMR CP/MAS spectroscopy. <i>Magnetic Resonance in Chemistry</i> , 1986, 24, 41-52.	1.9	12
28	An Unstable Paramagnetic Isopolyoxomolybdate Intermediate Non-Homogeneously Reduced at Different Sites and Trapped in a Host Based on Chemical Adaptability. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11765-11769.	13.8	12
29	NMR-Spectroscopic Assignment of the Methyl Groups in Helical and Turn Environment with the Use of Selectively Deuterated Boc-Ala-Me. <i>Liebigs Annalen Der Chemie</i> , 1989, 1989, 1017-1027.	0.8	11
30	Synthesis and Structure of Complexes of the Diethyl Ester of 2-Dimethylamino-2-oxoethylphosphonic Acid with Lanthanide Nitrates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002, 177, 1337-1347.	1.6	11
31	Cellular cation transport studied by ⁶ Li and ²³ Na NMR in a porous Mo ₁₃₂ Keplerate type nano-capsule as model system. <i>Magnetic Resonance in Chemistry</i> , 2008, 46, S24-S29.	1.9	11
32	A Unique Fluoride Nanocontainer: Porous Molecular Capsules Can Accommodate an Unusually High Number of Fluoride Anions. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5879-5882.	13.8	11
33	The crystal and molecular structure of threitol. <i>Carbohydrate Research</i> , 1993, 247, 119-128.	2.3	10
34	CHELATISIERTE ENOLATE VON PHOSPHONYLIERTEM ACETALDEHYD. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1991, 55, 27-33.	1.6	9
35	DIETHYL 1-SUBSTITUTED 2-OXO-ETHYLPHOSPHONATES AND THE LITHIUM SALTS AND ZINC COMPLEX OF THEIR ENOL TAUTOMERS. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1993, 81, 89-94.	1.6	8
36	Synthesis and Spectral Properties of Novel Fluorescent Poly(oxyethylene Phosphate) Tris(β ² -diketonate) Europium (III) Complexes. <i>Journal of Fluorescence</i> , 2009, 19, 85-95.	2.5	8

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37	15N n.m.r. spectroscopy: 36. 1H n.m.r. and 15N n.m.r.spectroscopic investigation on the protonation of polypeptides. International Journal of Biological Macromolecules, 1983, 5, 237-242.	7.5	7
38	13C and 15N NMR chemical shifts of alkylsubstituted benzonitriles. Spectrochimica Acta Part A: Molecular Spectroscopy, 1989, 45, 119-121.	0.1	7
39	(.eta.5-Cyclopentadienyl)(.eta.5-cyclooctatrienyl)iron Complexes: Demonstration of Two Different Intramolecular Rearrangements. Organometallics, 1995, 14, 44-48.	2.3	7
40	Solution Structures of Pyrophthalones, II [1]. Structure and Conformation of Iminopyrophthalone " a High Resolution ¹H, ¹³C, ¹⁵N and Solid State ¹³C-CP/MAS-NMR Study. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1987, 42, 1419-1423.	0.7	5
41	Solution Structures of Pyrophthalones, I Structure and Conformation of 1,3-Indandionato-2(2-pyridinium)-beta^-n " a 1H/13C NMR Approach. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1987, 42, 31-36.	0.7	4
42	(HYDROXYALKENYL)-DIPHENYLPHOSPHINE OXIDES, THEIR LITHIUM SALTS AND ZINC COMPLEX. Phosphorus, Sulfur and Silicon and the Related Elements, 1995, 102, 231-241.	1.6	4
43	Complexes of Alkyl Esters of Ethylidenediphosphonic Acids with Lanthanide Nitrates. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2008, 38, 362-369.	0.6	4
44	METAL COMPLEXES OF THE TETRAETHYLESTER OF 4-(2-HYDROXY-PHENYL-AMINO)-1,3-BUTADIENE-1,3-DIPHOSPHONIC ACID AND THE LIQUID PHASE OXIDATION OF CUMENE IN THEIR PRESENCE. Phosphorous and Sulfur and the Related Elements, 1986, 27, 285-292.	0.2	3
45	Spectroscopic Identification of Polymethyl-Substituted 2,4-Cyclohexadienones. Angewandte Chemie International Edition in English, 1979, 18, 556-557.	4.4	2
46	A timesaving method to determine the length of a 90° pulse. Journal of Magnetic Resonance, 1982, 49, 358-364.	0.5	2
47	METAL(I) AND METAL(II) DERIVATIVES OF DIETHYL (2-OXO-1-PHENYL) ETHYLPHOSPHONATE: SYNTHESIS, STRUCTURE AND REACTIVITY. Phosphorus, Sulfur and Silicon and the Related Elements, 1998, 141, 167-183.	1.6	2
48	Sodium and Potassium Derivatives of 2-(Diphenylphosphinoyl)-2-Phenyl-Ethenol: Synthesis, Structure and Reactivity. Main Group Chemistry, 1998, 2, 267-273.	0.8	2
49	Solution Structures of Pyrophthalones, III: Complementary Application of 14N/16N-NMR Spectroscopy to Study Solution Structures of Pyrophthalones. Spectroscopy Letters, 1998, 31, 521-528.	1.0	1
50	Complexes of Lanthanide Nitrates with Alkyl Esters of Bromomethylenediphosphonic Acid. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 2594-2604.	1.6	1
51	Densely Packed Hydrophobic Clustering: Encapsulated Valerates Form a High-Temperature-Stable {Mo₁₃₂} Capsule System. Angewandte Chemie, 2016, 128, 6746-6749.	2.0	1
52	Long Range Proton Couplings in Estrones. Spectroscopy Letters, 1986, 19, 1091-1097.	1.0	0
53	Metal Complexes of the Tetraethyl Ester of 4-(2-Hydroxyphenylamino)-1,3-butadiene-1,3-diphosphonic Acid and the Liquid Phase Oxidation of Cumene in their Presence. Phosphorous and Sulfur and the Related Elements, 1987, 30, 685-685.	0.2	0
54	NMR und ESR im World Wide Web. Nachrichten Aus Der Chemie, 1996, 44, 1127-1129.	0.0	0

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55	Complexes of diethyl-2-amino-2-oxoethylphosphonate with lanthanide nitrates. Heteroatom Chemistry, 2003, 14, 128-131.	0.7	0
56	Porous Inorganic Capsules in Action: Modelling Transmembrane Cation-Transport Parameter-Dependence Based on Water as Vehicle.. ChemInform, 2005, 36, no.	0.0	0
57	Titelbild: Densely Packed Hydrophobic Clustering: Encapsulated Valerates Form a High-Temperature-Stable {Mo ₁₃₂ } Capsule System (Angew. Chem. 23/2016). Angewandte Chemie, 2016, 128, 6673-6673.	2.0	0