Holger Stephan

List of Publications by Year
in descending order

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142 papers	5,165 citations	134610 34 h-index	111975 67 g-index
157 all docs	157 docs citations	157 times ranked	8753 citing authors

#	Article	IF	Citations
1	Dual-Labelling Strategies for Nuclear and Fluorescence Molecular Imaging: Current Status and Future Perspectives. Pharmaceuticals, 2022, 15, 432.	1.7	7
2	Bis(amido)bis(oxinate)diamine Ligands for theranostic radiometals. Journal of Inorganic Biochemistry, 2022, 231, 111789.	1.5	0
3	Metal ion size profoundly affects H3glyox chelate chemistry. RSC Advances, 2021, 11, 15663-15674.	1.7	2
4	High denticity oxinate-linear-backbone chelating ligand for diagnostic radiometal ions [111In]In3+ and [89Zr]Zr4+. Dalton Transactions, 2021, 50, 3874-3886.	1.6	7
5	Polyoxometalates in Extraction and Sorption Processes. Solvent Extraction and Ion Exchange, 2021, 39, 455-476.	0.8	3
6	H2pyhox â€“ Octadentate Bis(pyridyloxine). Inorganic Chemistry, 2021, 60, 12186-12196.	1.9	6
7	[nat/89Zr][Zr(pypa)]: Thermodynamically Stable and Kinetically Inert Binary Nonadentate Complex for Radiopharmaceutical Applications. Inorganic Chemistry, 2021, 60, 18082-18093.	1.9	7
8	Chelators for Treatment of Iron and Copper Overload: Shift from Low-Molecular-Weight Compounds to Polymers. Polymers, 2021, 13, 3969.	2.0	9
9	Synthesis and Characterization of an Epidermal Growth Factor Receptorâ€Selective Ru^{II} Polypyridylâ€“Nanobody Conjugate as a Photosensitizer for Photodynamic Therapy. ChemBioChem, 2020, 21, 531-542.	1.3	35
10	Ultrasmall silicon nanoparticles as a promising platform for multimodal imaging. Faraday Discussions, 2020, 222, 362-383.	1.6	12
11	Active Targeting of Dendritic Polyglycerols for Diagnostic Cancer Imaging. Small, 2020, 16, e1905013.	5.2	19
12	Versatile Bispidineâ€Based Bifunctional Chelators for ⁶⁴Cu^{II}â€Labelling of Biomolecules. Chemistry - A European Journal, 2020, 26, 1989-2001.	1.7	23
13	Inhibition of ATP hydrolysis restores airway surface liquid production in cystic fibrosis airway epithelia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L356-L365.	1.3	10
14	Lightâ€Activated Carbon Monoxide Prodrugs Based on Bipyridyl Dicarbonyl Ruthenium(II) Complexes. Chemistry - A European Journal, 2020, 26, 10992-11006.	1.7	13
15	Frontispiece: Lightâ€Activated Carbon Monoxide Prodrugs Based on Bipyridyl Dicarbonyl Ruthenium(II) Complexes. Chemistry - A European Journal, 2020, 26, .	1.7	0
16	Silicon nanostructures for sensing and bioimaging: general discussion. Faraday Discussions, 2020, 222, 384-389.	1.6	1
17	Synthesis and functionalisation of silicon nanostructures: general discussion. Faraday Discussions, 2020, 222, 166-175.	1.6	0
18	Contemporary Synthesis of Ultrasmall (subâ€10â€‰nm) Upconverting Nanomaterials. ChemistryOpen, 2020, 9, 703-712.	0.9	5

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19	Chelation in One Fell Swoop: Optimizing Ligands for Smaller Radiometal Ions. Inorganic Chemistry, 2020, 59, 5728-5741.	1.9	15
20	Rapid Thermodynamically Stable Complex Formation of [^{nat/111}In]In³⁺, [^{nat/90}Y]Y³⁺, and [^{nat/177}Lu]Lu³⁺ with H₆dappa. Inorganic Chemistry, 2020, 59, 7238-7251.	1.9	5
21	Cation Exchange Protocols to Radiolabel Aqueous Stabilized ZnS, ZnSe, and CuFeS₂ Nanocrystals with ⁶⁴Cu for Dual Radioâ€•and Photoâ€•Thermal Therapy. Advanced Functional Materials, 2020, 30, 2002362.	7.8	11
22	Recombinant expression of ecto-nucleotide pyrophosphatase/phosphodiesterase 4 (NPP4) and development of a luminescence-based assay to identify inhibitors. Analytical Biochemistry, 2020, 603, 113774.	1.1	14
23	Tetranuclear Cu(<scp>ii</scp>)-chiral complexes: synthesis, characterization and biological activity. RSC Advances, 2019, 9, 24087-24091.	1.7	6
24	Synthesis, Structural Characterization and Photodecarbonylation Study of a Dicarbonyl Ruthenium(II)â€•Bisquinoline Complex. ChemistryOpen, 2019, 8, 637-642.	0.9	6
25	A²²⁴Ra-labeled polyoxopalladate as a putative radiopharmaceutical. Chemical Communications, 2019, 55, 7631-7634.	2.2	30
26	Expression of Glypican 3 Is an Independent Prognostic Biomarker in Primary Gastro-Esophageal Adenocarcinoma and Corresponding Serum Exosomes. Journal of Clinical Medicine, 2019, 8, 696.	1.0	13
27	Radiochemical and radiopharmacological characterization of a ⁶⁴Cuâ€•labeled Î±â€•MSH analog conjugated with different chelators. Journal of Labelled Compounds and Radiopharmaceuticals, 2019, 62, 495-509.	0.5	7
28	Synthesis, structural characterisation, and cytotoxicity studies of Bi, W, and Mo containing homo- and hetero-bimetallic polyoxometalates. Dalton Transactions, 2019, 48, 15962-15969.	1.6	14
29	Facile preparation of multifunctionalisable â€˜stealthâ€™ upconverting nanoparticles for biomedical applications. Dalton Transactions, 2018, 47, 8595-8604.	1.6	26
30	Harnessing the Coordination Chemistry of 1,4,7â€•Triazacyclononane for Biomimicry and Radiopharmaceutical Applications. ChemPlusChem, 2018, 83, 554-564.	1.3	23
31	Biodistribution studies of ultrasmall silicon nanoparticles and carbon dots in experimental rats and tumor mice. Nanoscale, 2018, 10, 9880-9891.	2.8	68
32	Rapid Synthesis of Subâ€•10â€…nm Hexagonal NaYF₄â€•Based Upconverting Nanoparticles using Therminol^{Â®}â€…66. ChemistryOpen, 2018, 7, 159-168.	0.9	18
33	Development of a selective and highly sensitive fluorescence assay for nucleoside triphosphate diphosphohydrolase1 (NTPDase1, CD39). Analyst, The, 2018, 143, 5417-5430.	1.7	12
34	Innentitelbild: Towards Utilising Photocrosslinking of Polydiacetylenes for the Preparation of â€œStealthâ€•Upconverting Nanoparticles (Angew. Chem. 49/2018). Angewandte Chemie, 2018, 130, 16138-16138.	1.6	0
35	Towards Utilising Photocrosslinking of Polydiacetylenes for the Preparation of â€œStealthâ€• Upconverting Nanoparticles. Angewandte Chemie - International Edition, 2018, 57, 16036-16040.	7.2	21
36	Towards Utilising Photocrosslinking of Polydiacetylenes for the Preparation of â€œStealthâ€• Upconverting Nanoparticles. Angewandte Chemie, 2018, 130, 16268-16272.	1.6	5

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37	Preysslerâ€Popeâ€Jeannin Polyanions [NaP₅W₃₀O₁₁₀]^{14â€“} and [AgP₅W₃₀O₁₁₀]^{14â€“}: Microwaveâ€Assisted Synthesis, Structure, and Biological Activity. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 752-758.	0.6	17
38	Radiolabelled Polymeric Materials for Imaging and Treatment of Cancer: Quo Vadis?. Advanced Healthcare Materials, 2017, 6, 1601115.	3.9	38
39	Zwitterionic Modification of Ultrasmall Iron Oxide Nanoparticles for Reduced Protein Corona Formation. ChemPlusChem, 2017, 82, 638-646.	1.3	14
40	Expression of Ecto-nucleoside Triphosphate Diphosphohydrolases-2 and -3 in the Enteric Nervous System Affects Inflammation in Experimental Colitis and Crohnâ€™s Disease. Journal of Crohn's and Colitis, 2017, 11, 1113-1123.	0.6	17
41	Studies of Carbon Monoxide Release from Ruthenium(II) Bipyridine Carbonyl Complexes upon UV-Light Exposure. Inorganic Chemistry, 2017, 56, 5941-5952.	1.9	28
42	Surface charge and particle size determine the metabolic fate of dendritic polyglycerols. Nanoscale, 2017, 9, 8723-8739.	2.8	20
43	Nanoparticles for radiooncology: Mission, vision, challenges. Biomaterials, 2017, 120, 155-184.	5.7	87
44	Distribution and kinetics of the Kv1.3-blocking peptide HsTX1[R14A] in experimental rats. Scientific Reports, 2017, 7, 3756.	1.6	15
45	Substrate-Dependence of Competitive Nucleotide Pyrophosphatase/Phosphodiesterase1 (NPP1) Inhibitors. Frontiers in Pharmacology, 2017, 8, 54.	1.6	36
46	Polyglycerolâ€Based Copper Chelators for the Transport and Release of Copper Ions in Biological Environments. Macromolecular Bioscience, 2016, 16, 412-419.	2.1	13
47	New insights into the pretargeting approach to image and treat tumours. Chemical Society Reviews, 2016, 45, 6415-6431.	18.7	99
48	Zwitterionic Polymerâ€Coated Ultrasmall Superparamagnetic Iron Oxide Nanoparticles with Low Protein Interaction and High Biocompatibility. ChemNanoMat, 2016, 2, 959-971.	1.5	23
49	Ultrasmall inorganic nanoparticles: State-of-the-art and perspectives for biomedical applications. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 1663-1701.	1.7	238
50	Copper(II) Cyclam Complexes withN-ÂPropionic Acid Pendant Arms. European Journal of Inorganic Chemistry, 2015, 2015, 4013-4023.	1.0	4
51	CuII-selective bispidineâ€“dye conjugates. Journal of Inorganic Biochemistry, 2015, 148, 78-83.	1.5	10
52	Bifunctional Cyclamâ€Based Ligands with Phosphorus Acid Pendant Moieties for Radiocopper Separation: Thermodynamic and Kinetic Studies. Chemistry - A European Journal, 2015, 21, 4671-4687.	1.7	18
53	Synthesis and Biodistribution Studies of ³H- and ⁶⁴Cu-Labeled Dendritic Polyglycerol and Dendritic Polyglycerol Sulfate. Bioconjugate Chemistry, 2015, 26, 906-918.	1.8	32
54	In vivo demonstration of an active tumor pretargeting approach with peptide nucleic acid bioconjugates as complementary system. Chemical Science, 2015, 6, 5601-5616.	3.7	36

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55	Polyoxometalatesâ€"Potent and selective ecto-nucleotidase inhibitors. Biochemical Pharmacology, 2015, 93, 171-181.	2.0	107
56	Bispidines for Dual Imaging. Chemistry - A European Journal, 2014, 20, 17011-17018.	1.7	31
57	EGF Receptor-Targeting Peptide Conjugate Incorporating a Near-IR Fluorescent Dye and a Novel 1,4,7-Triazacyclononane-Based ⁶⁴Cu(II) Chelator Assembled via Click Chemistry. Bioconjugate Chemistry, 2014, 25, 1011-1022.	1.8	26
58	Zwitterionicâ€Coated â€œStealthâ€•Nanoparticles for Biomedical Applications: Recent Advances in Countering Biomolecular Corona Formation and Uptake by the Mononuclear Phagocyte System. Small, 2014, 10, 2516-2529.	5.2	409
59	Ti₇-containing, tetrahedral 36-tungsto-4-arsenate(<scp>iii</scp>) [Ti₆(TiO₆)(AsW₉O₃₃)₄]^{20â^'}. Dalton Transactions, 2014, 43, 16143-16146.	1.6	21
60	Establishment of two complementary in vitro assays for radiocopper complexes achieving reliable and comparable evaluation of in vivo stability. RSC Advances, 2014, 4, 10157.	1.7	35
61	Diagnostic nanoparticle targeting of the EGF-receptor in complex biological conditions using single-domain antibodies. Nanoscale, 2014, 6, 6046-6056.	2.8	68
62	Kinetic inertness evaluation of copper complexes using gel electrophoresis techniques. Nuclear Medicine and Biology, 2014, 41, 633-634.	0.3	0
63	Bispidine Dioxotetraaza Macrocycles: A New Class of Bispidines for 64Cu PET Imaging. Inorganic Chemistry, 2014, 53, 6698-6707.	1.9	28
64	Characterization of circulating microparticle-associated CD39 family ecto-nucleotidases in human plasma. Purinergic Signalling, 2014, 10, 611-618.	1.1	27
65	Synthesis, Characterization, and Evaluation of Radiometal-Containing Peptide Nucleic Acids. Methods in Molecular Biology, 2014, 1050, 37-54.	0.4	1
66	Optimization of Pentadentate Bispidines as Bifunctional Chelators for64Cu Positron Emission Tomography (PET). Inorganic Chemistry, 2013, 52, 8131-8143.	1.9	44
67	Synthesis and radiopharmacological evaluation of 64Cu-labeled bombesin analogs featuring a bis(2-pyridylmethyl)-1,4,7-triazacyclononane chelator. European Journal of Medicinal Chemistry, 2013, 70, 434-446.	2.6	27
68	High-yield production of functional soluble single-domain antibodies in the cytoplasm of Escherichia coli. Microbial Cell Factories, 2013, 12, 97.	1.9	68
69	The computation of lipophilicities of 64Cu PET systems based on a novel approach for fluctuating charges. Dalton Transactions, 2013, 42, 11066.	1.6	14
70	Dendrimers as Nd³⁺ ligands: Effect of Generation on the Efficiency of the Sensitized Lanthanide Emission. Chemistry - an Asian Journal, 2013, 8, 771-777.	1.7	18
71	Polyoxometalates as Versatile Enzyme Inhibitors. European Journal of Inorganic Chemistry, 2013, 2013, 1585-1594.	1.0	132
72	Copper(<scp>ii</scp>) chemistry of the functionalized macrocycle cyclam tetrapropionic acid. Dalton Transactions, 2013, 42, 6142-6148.	1.6	8

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73	Design, synthesis, characterisation and in vitro studies of hydrophilic, colloidally stable, 64Cu(ii)-labelled, ultra-small iron oxide nanoparticles in a range of human cell lines. RSC Advances, 2013, 3, 22443.	1.7	19
74	Quantitative Structure Property Relationship of log<i>P</i> for Radiopharmaceutical Technetium and Rhenium Complexes by using Molecular Dynamics Calculations. Solvent Extraction Research and Development, 2013, 20, 15-27.	0.5	3
75	Ecto-ATPase inhibition: ATP and adenosine release under physiological and ischemic in vivo conditions in the rat striatum. Experimental Neurology, 2012, 233, 193-204.	2.0	84
76	Synthesis, colloidal stability and 64Cu labeling of iron oxide nanoparticles bearing different macrocyclic ligands. New Journal of Chemistry, 2011, 35, 2705.	1.4	23
77	Nanomaterials: Applications in Cancer Imaging and Therapy. Advanced Materials, 2011, 23, H18-40.	11.1	814
78	Cancer Research: Nanomaterials: Applications in Cancer Imaging and Therapy (Adv. Mater. 12/2011). Advanced Materials, 2011, 23, H2-H2.	11.1	9
79	A novel tetrabranched neurotensin(8â€“13) cyclam derivative: Synthesis, 64Cu-labeling and biological evaluation. Journal of Inorganic Biochemistry, 2011, 105, 821-832.	1.5	20
80	Imidazole-containing Bispidine Ligands: Synthesis, Structure and Cu(II) Complexation. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2011, 66, 721-728.	0.3	3
81	Sugarâ€Decorated Dendritic Nanocarriers: Encapsulation and Release of the Octahedral Rhenium Cluster Complex [Re₆S₈(OH)₆]^{4â^'}. Chemistry - an Asian Journal, 2010, 5, 2507-2514.	1.7	32
82	Novel 99mTc â€˜4Â+Â1â€™ peptide conjugates: Tuning the biodistribution by variation of coligands. European Journal of Medicinal Chemistry, 2010, 45, 3645-3655.	2.6	16
83	Preparation, 99mTc-labeling and biodistribution studies of a PNA oligomer containing a new ligand derivative of 2,2â€²-dipicolylamine. Journal of Inorganic Biochemistry, 2010, 104, 1133-1140.	1.5	43
84	A new hexanuclear rhenium cluster complex with six terminal acetate ligands: Synthesis, structure, and properties of K4[Re6S8(CH3COO)6]Â·8H2O. Inorganica Chimica Acta, 2010, 363, 2686-2691.	1.2	38
85	Synthesis of modified pyrimidine bases and positive impact of chemically reactive substituents on their in vitro antiproliferative activity. European Journal of Medicinal Chemistry, 2009, 44, 1172-1179.	2.6	19
86	Two Coordination Modes of Bidentate Aminopyrazine Ligands in Cubane-type Cluster Complex Re4Te4Cl8(C4N3H4)4ÂÂ·Â2DMF. Journal of Cluster Science, 2009, 20, 77-81.	1.7	2
87	Isomerism in tetrahedral rhenium cluster complexes [Re4Q4(PMe2Ph)4X8]Â·nCH2Cl2 (Q=Se, X=Br; Q=Te,) Tj ETQq1 1 0.784314 rgBT /O	1.0	3
88	The First Octahedral Cluster Complexes With Terminal Formate Ligands: Synthesis, Structure, and Properties of K₄[Re₆S₈(HCOO)₆] and Cs₄[Re₆S₈(HCOO)₆]. Inorganic Chemistry, 2009, 48, 2309-2315.	1.9	57
89	Hexadentate Bispidine Derivatives as Versatile Bifunctional Chelate Agents for Copper(II) Radioisotopes. Bioconjugate Chemistry, 2009, 20, 347-359.	1.8	94
90	Fragmentation reactions of singly and doubly protonated thioureaâ€•and sugarâ€substituted cyclams and their transitionâ€metal complexes. Journal of Mass Spectrometry, 2008, 43, 651-663.	0.7	7

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91	Hydrophilic oxybathophenanthroline ligands: synthesis and copper(ii) complexation. New Journal of Chemistry, 2008, 32, 2016.	1.4	8
92	Synthesis, Copper(II) Complexation,⁶⁴Cu-Labeling, and Bioconjugation of a New Bis(2-pyridylmethyl) Derivative of 1,4,7-Triazacyclononane. Bioconjugate Chemistry, 2008, 19, 719-730.	1.8	64
93	Enzymatic Properties of an Ecto-nucleoside Triphosphate Diphosphohydrolase from Legionella pneumophila. Journal of Biological Chemistry, 2008, 283, 12909-12918.	1.6	54
94	Extraction of Radio-Labelled Xanthine Derivatives by Artificial Receptors: Deep Insight into the Association Behaviour. Chemistry - A European Journal, 2007, 13, 3724-3732.	1.7	29
95	Carbohydration of 1,4,8,11-tetraazacyclotetradecane (cyclam): synthesis and binding properties toward concanavalin A. Tetrahedron Letters, 2007, 48, 8834-8838.	0.7	12
96	Cluster Core Controlled Reactions of Substitution of Terminal Bromide Ligands by Triphenylphosphine in Octahedral Rhenium Chalcobromide Complexes. Journal of the American Chemical Society, 2007, 129, 3714-3721.	6.6	61
97	Role of P2 purinergic receptors in synaptic transmission under normoxic and ischaemic conditions in the CA1 region of rat hippocampal slices. Purinergic Signalling, 2007, 3, 203-219.	1.1	38
98	Nanostructures in Separation. , 2006, , 291-322.		0
99	Zweifach und dreifach intramolekular verbrÃ¼cktep-tert-Butylcalix[8]aren-triphosphate - Synthese, Struktur und Stereochemie. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 123-132.	0.6	2
100	Tetrabutylammonium bis(2-amidobenzenethiolato-Îº2S,N)oxorhenate(V). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, m1197-m1199.	0.2	0
101	Octahedral rhenium cluster complexes with organic ligands: Synthesis, structure and properties of [Re6Q8(3,5-Me2PzH)6]Br2Â·2(3,5-Me2PzH) (Q=S, Se). Inorganica Chimica Acta, 2006, 359, 1129-1134.	1.2	48
102	A new molecular mechanics force field for the design of oxotechnetium(V) and oxorhenium(V) radiopharmaceuticals. Journal of Organometallic Chemistry, 2006, 691, 2495-2502.	0.8	20
103	Chitosan-encapsulated Keggin Anion [Ti2W10PO40]7âˆ’. Synthesis, Characterization and Cellular Uptake Studies. Transition Metal Chemistry, 2006, 31, 603-610.	0.7	25
104	Polyoxometalatesâ€”a new class of potent ecto-nucleoside triphosphate diphosphohydrolase (NTPDase) inhibitors. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 5943-5947.	1.0	167
105	Pegylation of 1,4,8,11-tetraazacyclotetradecane (cyclam) and its Cu(II) complexation. Tetrahedron Letters, 2005, 46, 3209-3212.	0.7	18
106	[Re6Q7O(3,5-Me2PzH)6]Br2Â·3,5-Me2PzH (Q = S, Se) âˆ’ New Octahedral Rhenium Cluster Complexes with Organic Ligands: Original Synthetic Approach and Unexpected Ligand Exchange in the Cluster Core. European Journal of Inorganic Chemistry, 2005, 2005, 657-661.	1.0	30
107	Synthesis and Binding Properties of Dendritic Oxybathophenanthroline Ligands towards Copper(II). European Journal of Inorganic Chemistry, 2005, 2005, 4501-4508.	1.0	10
108	K6H2[TiW11CoO40]Â·13H2O, with a monotitanoundecatungstocobaltate(II) anion. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, i35-i37.	0.2	6

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109	Binding and Extraction of Pertechnetate and Perrhenate by Azacages. , 2004, , 151-168.		16
110	Alkyl-substituted 2,6-dioxadiazolylpyridines as selective extractants for trivalent actinides. Journal of Radioanalytical and Nuclear Chemistry, 2003, 256, 403-412.	0.7	11
111	Where is the Anion Extraction Going?. Chemical Engineering and Technology, 2003, 26, 1107-1117.	0.9	48
112	A New Cryptophane Receptor Featuring Three endo-Carboxylic Acid Groups: Synthesis, Host Behavior and Structural Study. Chemistry - A European Journal, 2003, 9, 1104-1112.	1.7	26
113	Towards promising oxoanion extractants: azacages and open-chain counterparts. Dalton Transactions, 2003, , 1961-1968.	1.6	69
114	In vivo Measurement of the Serotonin Transporter with (S)-([18F]fluoromethyl)-(+)-McN5652. Neuropsychopharmacology, 2003, 28, 2010-2019.	2.8	29
115	Calix Crowns Derived frompara-Bridged Calix[4]arenes. Organic Letters, 2000, 2, 839-841.	2.4	12
116	pH-Controlled Inclusion and Release of Oxyanions by Dendrimers Bearing Methyl Orange Moieties. Organic Letters, 2000, 2, 2343-2346.	2.4	35
117	Efficient phase transfer of pertechnetate with bicyclic guanidinium compounds. Journal of Radioanalytical and Nuclear Chemistry, 1999, 242, 399-403.	0.7	17
118	Lipophilic urea-functionalized dendrimers as efficient carriers for oxyanionsâ€â€¡. Chemical Communications, 1999, , 1875-1876.	2.2	56
119	Struktur und Komplexbildung kleiner 1,3-dithiol-anellierter Thiakronenverbindungen. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1998, 624, 152-158.	0.6	7
120	Complexation studies of zwitterionic amino acids with crown and guanidinium compounds using titration calorimetry. Thermochimica Acta, 1998, 313, 137-144.	1.2	26
121	Homocalixpyridines: Ligands Exhibiting High Selectivity in Extraction and Sensor Processes. Chemistry - A European Journal, 1998, 4, 434-440.	1.7	18
122	Molecular Mechanics Calculations and the Metal Ion Selective Extraction of Lanthanoids. Inorganic Chemistry, 1998, 37, 3310-3315.	1.9	51
123	Selective cation binding with cis,cis-1,3,5-trioxycyclohexyl based ligands: application to ion transport and electrochemical detection and assessment of complexation by electrospray mass spectrometry. Journal of the Chemical Society Perkin Transactions II, 1997, , 59-70.	0.9	20
124	A cage ligand with three convergent pyridine donors. Chemical Communications, 1997, , 1809-1810.	2.2	23
125	Molecular Recognition and Phase Transfer of Underivatized Amino Acids by a Foldable Artificial Host. Journal of Organic Chemistry, 1996, 61, 2051-2055.	1.7	110
126	Molecular Modeling Studies on Novel Open-chain and Cyclic Thia Compounds and their Ag(I) and Hg(II) Complexes. Journal of Molecular Modeling, 1996, 2, 386-389.	0.8	13

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127	Concave Hydrocarbons. Chemistry - A European Journal, 1996, 2, 1585-1595.	1.7	64
128	Foldable Anion Hosts Based on Bicyclic Guanidinium Anchor Groups. , 1996, , 191-210.		2
129	C₆₀H₆₀ und C₅₄H₄₈: Extraktion von Silberâ€Ionen mit neuen konkaven Kohlenwasserstoffen. Angewandte Chemie, 1995, 107, 523-526.	1.6	39
130	C60H60 and C54H48: Silver Ion Extraction with New Concave Hydrocarbons. Angewandte Chemie International Edition in English, 1995, 34, 481-484.	4.4	74
131	Lipophilic ditopic guanidinium receptors: selective extractants for tetrahedral oxoanions. Supramolecular Chemistry, 1995, 5, 273-280.	1.5	40
132	all-Homocalixarenes: Large hydrocarbon rings with numerous ligand-arms as selective host compounds. Supramolecular Chemistry, 1994, 4, 115-119.	1.5	8
133	Preparation of Fine Spherical Particles of Precursors for Yttrium Barium Cuprate Superconductors via thermal decomposition of triethylene glycol solution. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1994, 620, 1915-1920.	0.6	2
134	RÃ¼ckgewinnung von Zink aus AbwÃssern durch FlÃ¼ssig/FlÃ¼ssig-Extraktion mit Di(2-ethylhexyl)phosphorsÃure. Chemie-Ingenieur-Technik, 1994, 66, 696-700.	0.4	1
135	Removal of ethoxylated aliphatic amines from zinc containing effluents by adsorption on macroporous resins. Chemical Engineering and Technology, 1994, 17, 30-33.	0.9	1
136	LIQUID-LIQUID EXTRACTION OF Ag(I), Hg(II), Au(III) AND Pd(II) BY SOME OLIGOTHIA MACROCYCLIC LIGANDS INCORPORATING AROMATIC AND HETEROAROMATIC SUBUNITS*. Solvent Extraction and Ion Exchange, 1994, 12, 475-496.	0.8	32
137	Preorganized endo-dicarboxylic host macrocycles having superior extraction selectivity for small alkaline earth metal ions. Journal of the Chemical Society Chemical Communications, 1994, , 1955.	2.0	5
138	allâ€Homocalixarene: Carbocyclische Wirtverbindungen mit intraâ€•und extraannularen Ligandarmen. Chemische Berichte, 1993, 126, 2483-2491.	0.2	21
139	Synthesis of YBa2Cu4O8 at 1 âˆ— 105 Pa oxygen pressure. Journal of Alloys and Compounds, 1993, 195, 65-68.	2.8	1
140	LIQUID-LIQUID EXTRACTION OF METAL IONS WITH AMIDO PODANDS. Solvent Extraction and Ion Exchange, 1991, 9, 459-469.	0.8	68
141	LIQUID-LIQUID EXTRACTION OF STRONTIUM WITH AMIDO PODANDS. Solvent Extraction and Ion Exchange, 1991, 9, 435-458.	0.8	53
142	Extraction Methods. , 0, , 79-103.		2