

Holger Stephan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

142
papers

4,320
citations

32
h-index

61
g-index

157
ext. papers

4,749
ext. citations

5.1
avg, IF

5.21
L-index

#	Paper	IF	Citations
142	Bis(amido)bis(oxinate)diamine Ligands for theranostic radiometals.. <i>Journal of Inorganic Biochemistry</i> , 2022 , 231, 111789	4.2	
141	[Zr][Zr(pypa)]: Thermodynamically Stable and Kinetically Inert Binary Nonadentate Complex for Radiopharmaceutical Applications. <i>Inorganic Chemistry</i> , 2021 , 60, 18082-18093	5.1	1
140	Polyoxometalates in Extraction and Sorption Processes. <i>Solvent Extraction and Ion Exchange</i> , 2021 , 39, 455-476	2.5	0
139	Metal ion size profoundly affects Hglyox chelate chemistry.. <i>RSC Advances</i> , 2021 , 11, 15663-15674	3.7	1
138	High denticity oxinate-linear-backbone chelating ligand for diagnostic radiometal ions [In]In and [Zr]Zr. <i>Dalton Transactions</i> , 2021 , 50, 3874-3886	4.3	4
137	Hpyhox - Octadentate Bis(pyridyloxine). <i>Inorganic Chemistry</i> , 2021 , 60, 12186-12196	5.1	2
136	Silicon nanostructures for sensing and bioimaging: general discussion. <i>Faraday Discussions</i> , 2020 , 222, 384-389	3.6	1
135	Synthesis and functionalisation of silicon nanostructures: general discussion. <i>Faraday Discussions</i> , 2020 , 222, 166-175	3.6	
134	Contemporary Synthesis of Ultrasmall (sub-10 nm) Upconverting Nanomaterials. <i>ChemistryOpen</i> , 2020 , 9, 703-712	2.3	3
133	Chelation in One Fell Swoop: Optimizing Ligands for Smaller Radiometal Ions. <i>Inorganic Chemistry</i> , 2020 , 59, 5728-5741	5.1	10
132	Rapid Thermodynamically Stable Complex Formation of [In]In, [Y]Y, and [Lu]Lu with Hdappa. <i>Inorganic Chemistry</i> , 2020 , 59, 7238-7251	5.1	3
131	Recombinant expression of ecto-nucleotide pyrophosphatase/phosphodiesterase 4 (NPP4) and development of a luminescence-based assay to identify inhibitors. <i>Analytical Biochemistry</i> , 2020 , 603, 113774	3.1	8
130	Ultrasmall silicon nanoparticles as a promising platform for multimodal imaging. <i>Faraday Discussions</i> , 2020 , 222, 362-383	3.6	6
129	Active Targeting of Dendritic Polyglycerols for Diagnostic Cancer Imaging. <i>Small</i> , 2020 , 16, e1905013	11	10
128	Versatile Bispidine-Based Bifunctional Chelators for Cu -Labelling of Biomolecules. <i>Chemistry - A European Journal</i> , 2020 , 26, 1989-2001	4.8	11
127	Inhibition of ATP hydrolysis restores airway surface liquid production in cystic fibrosis airway epithelia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020 , 318, L356-L365	5.8	8
126	Light-Activated Carbon Monoxide Prodrugs Based on Bipyridyl Dicarbonyl Ruthenium(II) Complexes. <i>Chemistry - A European Journal</i> , 2020 , 26, 10992-11006	4.8	9

125	Synthesis and Characterization of an Epidermal Growth Factor Receptor-Selective Ru Polypyridyl-Nanobody Conjugate as a Photosensitizer for Photodynamic Therapy. <i>ChemBioChem</i> , 2020 , 21, 531-542	3.8	22
124	Cation Exchange Protocols to Radiolabel Aqueous Stabilized ZnS, ZnSe, and CuFeS Nanocrystals with Cu for Dual Radio- and Photo-Thermal Therapy. <i>Advanced Functional Materials</i> , 2020 , 30, 2002362	15.6	8
123	A Ra-labeled polyoxopalladate as a putative radiopharmaceutical. <i>Chemical Communications</i> , 2019 , 55, 7631-7634	5.8	25
122	Expression of Glypican 3 is an Independent Prognostic Biomarker in Primary Gastro-Esophageal Adenocarcinoma and Corresponding Serum Exosomes. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	10
121	Radiochemical and radiopharmacological characterization of a Cu-labeled β MSH analog conjugated with different chelators. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2019 , 62, 495-509	1.9	3
120	Tetranuclear Cu(ii)-chiral complexes: synthesis, characterization and biological activity.. <i>RSC Advances</i> , 2019 , 9, 24087-24091	3.7	5
119	Synthesis, Structural Characterization and Photodecarbonylation Study of a Dicarbonyl Ruthenium(II)-Bisquinoline Complex. <i>ChemistryOpen</i> , 2019 , 8, 637-642	2.3	5
118	Synthesis, structural characterisation, and cytotoxicity studies of Bi, W, and Mo containing homo- and hetero-bimetallic polyoxometalates. <i>Dalton Transactions</i> , 2019 , 48, 15962-15969	4.3	5
117	Facile preparation of multifunctionalisable 'stealth' upconverting nanoparticles for biomedical applications. <i>Dalton Transactions</i> , 2018 , 47, 8595-8604	4.3	18
116	Harnessing the Coordination Chemistry of 1,4,7-Triazacyclononane for Biomimicry and Radiopharmaceutical Applications. <i>ChemPlusChem</i> , 2018 , 83, 554-564	2.8	12
115	Biodistribution studies of ultrasmall silicon nanoparticles and carbon dots in experimental rats and tumor mice. <i>Nanoscale</i> , 2018 , 10, 9880-9891	7.7	45
114	Rapid Synthesis of Sub-10 nm Hexagonal NaYF-Based Upconverting Nanoparticles using Therminol 66. <i>ChemistryOpen</i> , 2018 , 7, 159-168	2.3	13
113	Preyssler-Pope-Jeannin Polyanions [NaP ₅ W ₃ O ₁₁] ₁₄ and [AgP ₅ W ₃ O ₁₁] ₁₄ Microwave-Assisted Synthesis, Structure, and Biological Activity. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018 , 644, 752-758	1.3	14
112	Development of a selective and highly sensitive fluorescence assay for nucleoside triphosphate diphosphohydrolase1 (NTPDase1, CD39). <i>Analyst, The</i> , 2018 , 143, 5417-5430	5	8
111	Innentitelbild: Towards Utilising Photocrosslinking of Polydiacetylenes for the Preparation of β stealth \square Upconverting Nanoparticles (Angew. Chem. 49/2018). <i>Angewandte Chemie</i> , 2018 , 130, 16138-16138	3.6	3
110	Towards Utilising Photocrosslinking of Polydiacetylenes for the Preparation of "Stealth" Upconverting Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 16036-16040	16.4	14
109	Towards Utilising Photocrosslinking of Polydiacetylenes for the Preparation of β stealth \square Upconverting Nanoparticles. <i>Angewandte Chemie</i> , 2018 , 130, 16268-16272	3.6	4
108	Radiolabelled Polymeric Materials for Imaging and Treatment of Cancer: Quo Vadis?. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1601115	10.1	25

107	Zwitterionic Modification of Ultrasmall Iron Oxide Nanoparticles for Reduced Protein Corona Formation. <i>ChemPlusChem</i> , 2017 , 82, 638-646	2.8	13
106	Expression of Ecto-nucleoside Triphosphate Diphosphohydrolases-2 and -3 in the Enteric Nervous System Affects Inflammation in Experimental Colitis and Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , 2017 , 11, 1113-1123	1.5	11
105	Studies of Carbon Monoxide Release from Ruthenium(II) Bipyridine Carbonyl Complexes upon UV-Light Exposure. <i>Inorganic Chemistry</i> , 2017 , 56, 5941-5952	5.1	26
104	Surface charge and particle size determine the metabolic fate of dendritic polyglycerols. <i>Nanoscale</i> , 2017 , 9, 8723-8739	7.7	15
103	Nanoparticles for radiooncology: Mission, vision, challenges. <i>Biomaterials</i> , 2017 , 120, 155-184	15.6	73
102	Distribution and kinetics of the Kv1.3-blocking peptide HsTX1[R14A] in experimental rats. <i>Scientific Reports</i> , 2017 , 7, 3756	4.9	11
101	Substrate-Dependence of Competitive Nucleotide Pyrophosphatase/Phosphodiesterase1 (NPP1) Inhibitors. <i>Frontiers in Pharmacology</i> , 2017 , 8, 54	5.6	19
100	Zwitterionic Polymer-Coated Ultrasmall Superparamagnetic Iron Oxide Nanoparticles with Low Protein Interaction and High Biocompatibility. <i>ChemNanoMat</i> , 2016 , 2, 959-971	3.5	21
99	Ultrasmall inorganic nanoparticles: State-of-the-art and perspectives for biomedical applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016 , 12, 1663-701	6	178
98	Polyglycerol-Based Copper Chelators for the Transport and Release of Copper Ions in Biological Environments. <i>Macromolecular Bioscience</i> , 2016 , 16, 412-9	5.5	13
97	New insights into the pretargeting approach to image and treat tumours. <i>Chemical Society Reviews</i> , 2016 , 45, 6415-6431	58.5	73
96	Bifunctional cyclam-based ligands with phosphorus acid pendant moieties for radiocopper separation: thermodynamic and kinetic studies. <i>Chemistry - A European Journal</i> , 2015 , 21, 4671-87	4.8	17
95	Synthesis and biodistribution studies of (3)H- and (64)Cu-labeled dendritic polyglycerol and dendritic polyglycerol sulfate. <i>Bioconjugate Chemistry</i> , 2015 , 26, 906-18	6.3	29
94	demonstration of an active tumor pretargeting approach with peptide nucleic acid bioconjugates as complementary system. <i>Chemical Science</i> , 2015 , 6, 5601-5616	9.4	30
93	Polyoxometalates--potent and selective ecto-nucleotidase inhibitors. <i>Biochemical Pharmacology</i> , 2015 , 93, 171-81	6	89
92	Copper(II) Cyclam Complexes with N-Propionic Acid Pendant Arms. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4013-4023	2.3	4
91	Cu(II)-selective bispidine-dye conjugates. <i>Journal of Inorganic Biochemistry</i> , 2015 , 148, 78-83	4.2	10
90	EGF receptor-targeting peptide conjugate incorporating a near-IR fluorescent dye and a novel 1,4,7-triazacyclononane-based (64)Cu(II) chelator assembled via click chemistry. <i>Bioconjugate Chemistry</i> , 2014 , 25, 1011-22	6.3	20

89	Zwitterionic-coated "stealth" nanoparticles for biomedical applications: recent advances in countering biomolecular corona formation and uptake by the mononuclear phagocyte system. <i>Small</i> , 2014 , 10, 2516-29	11	345
88	Ti7-containing, tetrahedral 36-tungsto-4-arsenate(III) [Ti ₆ (TiO ₆)(AsW ₉ O ₃₃) ₄] ₂₀ -. <i>Dalton Transactions</i> , 2014 , 43, 16143-6	4.3	18
87	Establishment of two complementary in vitro assays for radiocopper complexes achieving reliable and comparable evaluation of in vivo stability. <i>RSC Advances</i> , 2014 , 4, 10157	3.7	29
86	Diagnostic nanoparticle targeting of the EGF-receptor in complex biological conditions using single-domain antibodies. <i>Nanoscale</i> , 2014 , 6, 6046-56	7.7	60
85	Bispidine dioxotetraaza macrocycles: a new class of bispidines for (⁶⁴ Cu) PET imaging. <i>Inorganic Chemistry</i> , 2014 , 53, 6698-707	5.1	25
84	Characterization of circulating microparticle-associated CD39 family ecto-nucleotidases in human plasma. <i>Purinergic Signalling</i> , 2014 , 10, 611-8	3.8	20
83	Bispidines for dual imaging. <i>Chemistry - A European Journal</i> , 2014 , 20, 17011-8	4.8	25
82	Synthesis, characterization, and evaluation of radiometal-containing peptide nucleic acids. <i>Methods in Molecular Biology</i> , 2014 , 1050, 37-54	1.4	0
81	Optimization of pentadentate bispidines as bifunctional chelators for ⁶⁴ Cu positron emission tomography (PET). <i>Inorganic Chemistry</i> , 2013 , 52, 8131-43	5.1	39
80	Synthesis and radiopharmacological evaluation of ⁶⁷ Cu-labeled bombesin analogs featuring a bis(2-pyridylmethyl)-1,4,7-triazacyclononane chelator. <i>European Journal of Medicinal Chemistry</i> , 2013 , 70, 434-46	6.8	26
79	High-yield production of functional soluble single-domain antibodies in the cytoplasm of Escherichia coli. <i>Microbial Cell Factories</i> , 2013 , 12, 97	6.4	54
78	The computation of lipophilicities of ⁶⁷ Cu PET systems based on a novel approach for fluctuating charges. <i>Dalton Transactions</i> , 2013 , 42, 11066-73	4.3	14
77	Dendrimers as Nd ³⁺ ligands: effect of generation on the efficiency of the sensitized lanthanide emission. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 771-7	4.5	17
76	Polyoxometalates as Versatile Enzyme Inhibitors. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 1585-1594	2.3	121
75	Copper(II) chemistry of the functionalized macrocycle cyclam tetrapropionic acid. <i>Dalton Transactions</i> , 2013 , 42, 6142-8	4.3	8
74	Design, synthesis, characterisation and in vitro studies of hydrophilic, colloiddally stable, ⁶⁴ Cu(II)-labelled, ultra-small iron oxide nanoparticles in a range of human cell lines. <i>RSC Advances</i> , 2013 , 3, 22443	3.7	18
73	Quantitative Structure Property Relationship of logP for Radiopharmaceutical Technetium and Rhenium Complexes by using Molecular Dynamics Calculations. <i>Solvent Extraction Research and Development</i> , 2013 , 20, 15-27	0.7	2
72	Extraction Methods 2012 , 105-127		6

71	Ecto-ATPase inhibition: ATP and adenosine release under physiological and ischemic in vivo conditions in the rat striatum. <i>Experimental Neurology</i> , 2012 , 233, 193-204	5.7	73
70	Nanomaterials: applications in cancer imaging and therapy. <i>Advanced Materials</i> , 2011 , 23, H18-40	24	729
69	Cancer Research: Nanomaterials: Applications in Cancer Imaging and Therapy (Adv. Mater. 12/2011). <i>Advanced Materials</i> , 2011 , 23, H2-H2	24	6
68	Synthesis, colloidal stability and ⁶⁴ Cu labeling of iron oxide nanoparticles bearing different macrocyclic ligands. <i>New Journal of Chemistry</i> , 2011 , 35, 2705	3.6	22
67	A novel tetrabranch neurotensin(8-13) cyclam derivative: synthesis, ⁶⁴ Cu-labeling and biological evaluation. <i>Journal of Inorganic Biochemistry</i> , 2011 , 105, 821-32	4.2	19
66	Imidazole-containing Bispidine Ligands: Synthesis, Structure and Cu(II) Complexation. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2011 , 66, 721-728	1	3
65	Sugar-decorated dendritic nanocarriers: encapsulation and release of the octahedral rhenium cluster complex [Re ₆ S ₈ (OH) ₆] ⁴⁻ . <i>Chemistry - an Asian Journal</i> , 2010 , 5, 2507-14	4.5	26
64	Novel ^{99m} Tc '4 + 1' peptide conjugates: tuning the biodistribution by variation of coligands. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 3645-55	6.8	15
63	Preparation, ^{99m} Tc-labeling and biodistribution studies of a PNA oligomer containing a new ligand derivative of 2,2'-dipicolylamine. <i>Journal of Inorganic Biochemistry</i> , 2010 , 104, 1133-40	4.2	40
62	A new hexanuclear rhenium cluster complex with six terminal acetate ligands: Synthesis, structure, and properties of K ₄ [Re ₆ S ₈ (CH ₃ COO) ₆][BH ₂ O]. <i>Inorganica Chimica Acta</i> , 2010 , 363, 2686-2691	2.7	32
61	Synthesis of modified pyrimidine bases and positive impact of chemically reactive substituents on their in vitro antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 1172-9	6.8	19
60	Two Coordination Modes of Bidentate Aminopyrazine Ligands in Cubane-type Cluster Complex Re ₄ Te ₄ Cl ₈ (C ₄ N ₃ H ₄) ₄ · 2DMF. <i>Journal of Cluster Science</i> , 2009 , 20, 77-81	3	2
59	Isomerism in tetrahedral rhenium cluster complexes [Re ₄ Q ₄ (PMe ₂ Ph) ₄ X ₈][hCH ₂ Cl ₂ (Q = Se, X = Br; Q = Te, X = Cl, Br). <i>Polyhedron</i> , 2009 , 28, 2973-2976	2.7	3
58	The first octahedral cluster complexes with terminal formate ligands: synthesis, structure, and properties of K ₄ [Re ₆ S ₈ (HCOO) ₆] and Cs ₄ [Re ₆ S ₈ (HCOO) ₆]. <i>Inorganic Chemistry</i> , 2009 , 48, 2309-15	5.1	49
57	Hexadentate bispidine derivatives as versatile bifunctional chelate agents for copper(II) radioisotopes. <i>Bioconjugate Chemistry</i> , 2009 , 20, 347-59	6.3	82
56	Hydrophilic oxybathophenanthroline ligands: synthesis and copper(II) complexation. <i>New Journal of Chemistry</i> , 2008 , 32, 2016	3.6	8
55	Synthesis, Copper(II) Complexation, (⁶⁴ Cu)-Labeling, and Bioconjugation of a New Bis(2-pyridylmethyl) Derivative of 1,4,7-Triazacyclononane. <i>Bioconjugate Chemistry</i> , 2008 , 19, 719-30	6.3	50
54	Enzymatic properties of an ecto-nucleoside triphosphate diphosphohydrolase from Legionella pneumophila: substrate specificity and requirement for virulence. <i>Journal of Biological Chemistry</i> , 2008 , 283, 12909-18	5.4	46

53	Fragmentation reactions of singly and doubly protonated thiourea- and sugar-substituted cyclams and their transition-metal complexes. <i>Journal of Mass Spectrometry</i> , 2008 , 43, 651-63	2.2	5
52	Extraction of radio-labelled xanthine derivatives by artificial receptors: deep insight into the association behaviour. <i>Chemistry - A European Journal</i> , 2007 , 13, 3724-32	4.8	28
51	Carbohydration of 1,4,8,11-tetraazacyclotetradecane (cyclam): synthesis and binding properties toward concanavalin A. <i>Tetrahedron Letters</i> , 2007 , 48, 8834-8838	2	11
50	Cluster core controlled reactions of substitution of terminal bromide ligands by triphenylphosphine in octahedral rhenium chalcobromide complexes. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3714-21	16.4	56
49	Role of P2 purinergic receptors in synaptic transmission under normoxic and ischaemic conditions in the CA1 region of rat hippocampal slices. <i>Purinergic Signalling</i> , 2007 , 3, 203-19	3.8	30
48	Polyoxometalates--a new class of potent ecto-nucleoside triphosphate diphosphohydrolase (NTPDase) inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 5943-7	2.9	151
47	Nanostructures in Separation 2006 , 291-322		
46	Zweifach und dreifach intramolekular verbrückte p-tert-Butylcalix[8]aren-triphosphate [Synthese, Struktur und Stereochemie. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006 , 632, 123-132	1.3	2
45	Tetrabutylammonium bis(2-amidobenzenethiolato- λ S,N)oxorhenate(V). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006 , 62, m1197-m1199		
44	Octahedral rhenium cluster complexes with organic ligands: Synthesis, structure and properties of [Re ₆ Q ₈ (3,5-Me ₂ PzH) ₆]Br ₂ [Q=S, Se]. <i>Inorganica Chimica Acta</i> , 2006 , 359, 1129-1134	2.7	39
43	A new molecular mechanics force field for the design of oxotechnetium(V) and oxorhenium(V) radiopharmaceuticals. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 2495-2502	2.3	19
42	Chitosan-encapsulated Keggin Anion [Ti ₂ W ₁₀ PO ₄₀]7 [Synthesis, Characterization and Cellular Uptake Studies. <i>Transition Metal Chemistry</i> , 2006 , 31, 603-610	2.1	25
41	Pegylation of 1,4,8,11-tetraazacyclotetradecane (cyclam) and its Cu(II) complexation. <i>Tetrahedron Letters</i> , 2005 , 46, 3209-3212	2	18
40	[Re ₆ Q ₇ O(3,5-Me ₂ PzH) ₆]Br ₂ [Q = S, Se] [New Octahedral Rhenium Cluster Complexes with Organic Ligands: Original Synthetic Approach and Unexpected Ligand Exchange in the Cluster Core. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 657-661	2.3	28
39	Synthesis and Binding Properties of Dendritic Oxybathophenanthroline Ligands towards Copper(II). <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 4501-4508	2.3	8
38	K ₆ H ₂ [TiW ₁₁ CoO ₄₀]·3H ₂ O, with a monotitanoundecatungstocobaltate(II) anion. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, i35-i37		6
37	Binding and Extraction of Pertechnetate and Perrhenate by Azacages 2004 , 151-168		13
36	In vivo measurement of the serotonin transporter with (S)-([¹⁸ F]fluoromethyl)-(+)-McN5652. <i>Neuropsychopharmacology</i> , 2003 , 28, 2010-9	8.7	26

35	Alkyl-substituted 2,6-dioxadiazolylpyridines as selective extractants for trivalent actinides. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2003 , 256, 403-412	1.5	9
34	Where is the Anion Extraction Going?. <i>Chemical Engineering and Technology</i> , 2003 , 26, 1107-1117	2	42
33	A new cryptophane receptor featuring three endo-carboxylic acid groups: synthesis, host behavior and structural study. <i>Chemistry - A European Journal</i> , 2003 , 9, 1104-12	4.8	26
32	Towards promising oxoanion extractants: azacages and open-chain counterparts. <i>Dalton Transactions</i> , 2003 , 1961-1968	4.3	66
31	Quo vadis Anionenextraktion?. <i>Chemie-Ingenieur-Technik</i> , 2002 , 74, 767-777	0.8	2
30	Calix Crowns Derived from para-Bridged Calix. <i>Organic Letters</i> , 2000 , 2, 839-841	6.2	10
29	pH-controlled inclusion and release of oxyanions by dendrimers bearing methyl orange moieties. <i>Organic Letters</i> , 2000 , 2, 2343-6	6.2	31
28	Efficient phase transfer of pertechnetate with bicyclic guanidinium compounds. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1999 , 242, 399-403	1.5	16
27	Lipophilic urea-functionalized dendrimers as efficient carriers for oxyanions. <i>Chemical Communications</i> , 1999 , 1875-1876	5.8	48
26	Struktur und Komplexbildung kleiner 1,3-dithiol-anellierter Thiakronenverbindungen. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1998 , 624, 152-158	1.3	7
25	Complexation studies of zwitterionic amino acids with crown and guanidinium compounds using titration calorimetry. <i>Thermochimica Acta</i> , 1998 , 313, 137-144	2.9	22
24	Homocalixpyridines: Ligands Exhibiting High Selectivity in Extraction and Sensor Processes. <i>Chemistry - A European Journal</i> , 1998 , 4, 434-440	4.8	16
23	Molecular Mechanics Calculations and the Metal Ion Selective Extraction of Lanthanoids. <i>Inorganic Chemistry</i> , 1998 , 37, 3310-3315	5.1	37
22	New endo-Functional Cryptophanes as Selective Complexants 1998 , 471-474		
21	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. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997 , 59-70		18
20	A cage ligand with three convergent pyridine donors. <i>Chemical Communications</i> , 1997 , 1809-1810	5.8	21
19	Molecular Recognition and Phase Transfer of Underivatized Amino Acids by a Foldable Artificial Host. <i>Journal of Organic Chemistry</i> , 1996 , 61, 2051-2055	4.2	94
18	Molecular Modeling Studies on Novel Open-chain and Cyclic Thia Compounds and their Ag(I) and Hg(II) Complexes. <i>Journal of Molecular Modeling</i> , 1996 , 2, 386-389	2	10

17	Concave Hydrocarbons. <i>Chemistry - A European Journal</i> , 1996 , 2, 1585-1595	4.8	54
16	Foldable Anion Hosts Based on Bicyclic Guanidinium Anchor Groups 1996 , 191-210		1
15	Lipophilic ditopic guanidinium receptors: selective extractants for tetrahedral oxoanions. <i>Supramolecular Chemistry</i> , 1995 , 5, 273-280	1.8	33
14	C ₆₀ H ₆₀ und C ₅₄ H ₄₈ : Extraktion von Silber-Ionen mit neuen konkaven Kohlenwasserstoffen. <i>Angewandte Chemie</i> , 1995 , 107, 523-526	3.6	32
13	C ₆₀ H ₆₀ and C ₅₄ H ₄₈ : Silver Ion Extraction with New Concave Hydrocarbons. <i>Angewandte Chemie International Edition in English</i> , 1995 , 34, 481-484		63
12	all-Homocalixarenes: Large hydrocarbon rings with numerous ligand-arms as selective host compounds. <i>Supramolecular Chemistry</i> , 1994 , 4, 115-119	1.8	6
11	Preparation of Fine Spherical Particles of Precursors for Yttrium Barium Cuprate Superconductors via thermal decomposition of triethylene glycol solution. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1994 , 620, 1915-1920	1.3	1
10	Rückgewinnung von Zink aus Abwässern durch Flüssig/Flüssig-Extraktion mit Di(2-ethylhexyl)phosphorsäure. <i>Chemie-Ingenieur-Technik</i> , 1994 , 66, 696-700	0.8	1
9	Removal of ethoxylated aliphatic amines from zinc containing effluents by adsorption on macroporous resins. <i>Chemical Engineering and Technology</i> , 1994 , 17, 30-33	2	1
8	LIQUID-LIQUID EXTRACTION OF Ag(I), Hg(II), Au(III) AND Pd(II) BY SOME OLIGOTHIA MACROCYCLIC LIGANDS INCORPORATING AROMATIC AND HETEROAROMATIC SUBUNITS*. <i>Solvent Extraction and Ion Exchange</i> , 1994 , 12, 475-496	2.5	26
7	Preorganized endo-dicarboxylic host macrocycles having superior extraction selectivity for small alkaline earth metal ions. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 1955		2
6	Synthesis of YBa ₂ Cu ₄ O ₈ at 1 * 10 ⁵ Pa oxygen pressure. <i>Journal of Alloys and Compounds</i> , 1993 , 195, 65-68	5.7	1
5	all-Homocalixarene: Carbocyclische Wirtverbindungen mit intra- und extraannularen Ligandarmen. <i>Chemische Berichte</i> , 1993 , 126, 2483-2491		20
4	LIQUID-LIQUID EXTRACTION OF METAL IONS WITH AMIDO PODANDS. <i>Solvent Extraction and Ion Exchange</i> , 1991 , 9, 459-469	2.5	60
3	LIQUID-LIQUID EXTRACTION OF STRONTIUM WITH AMIDO PODANDS. <i>Solvent Extraction and Ion Exchange</i> , 1991 , 9, 435-458	2.5	48
2	¹ H-NMR Untersuchungen der Komplexbildung von Strontium mit Amidopodanden. <i>Journal Für Praktische Chemie</i> , 1990 , 332, 1088-1092		
1	Extraction Methods79-103		2