

Marek Pietraszkiewicz

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

3,123
citations

27
h-index

50
g-index

160
ext. papers

3,275
ext. citations

4.5
avg, IF

4.52
L-index

#	Paper	IF	Citations
142	2 + 2 Can Make Nearly a Thousand! Comparison of Di- and Tetra--Alkyl-Substituted Porphycenes. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 4594-4604	2.8	6
141	Toward Soluble 5,10-Diheterotruxenes: Synthesis and Reactivity of 5,10-Dioxatruxenes, 5,10-Dithiatruxenes, and 5,10-Diazatruxenes. <i>Journal of Organic Chemistry</i> , 2020 , 85, 4672-4681	4.2	7
140	Synthesis and Reactivity of 5-Heterotruxenes Containing Sulfur or Nitrogen as the Heteroatom. <i>Journal of Organic Chemistry</i> , 2019 , 84, 11553-11561	4.2	5
139	Monothiatruxene-Based, Solution-Processed Green, Sky-Blue, and Deep-Blue Organic Light-Emitting Diodes with Efficiencies Beyond 5% Limit. <i>Advanced Functional Materials</i> , 2019 , 29, 1807572 ^{15.6}	15.6	13
138	Efficient synthesis of 5-oxatruxene and the unusual influence of oxygen heteroatom on its physico-chemical properties. <i>New Journal of Chemistry</i> , 2018 , 42, 5844-5852	3.6	8
137	Aggregation-Induced Emission of Eu Complexes Balanced with Bulky and Amphiphilic Imidazolium Cations in Ethanol/Water Binary Mixtures. <i>Chemistry - A European Journal</i> , 2018 , 24, 15912-15920	4.8	16
136	Luminescent studies of binuclear ternary europium(III) pyridineoxide tetrazolate complexes containing bis-phosphine oxide as auxiliary co-ligands. <i>Luminescence</i> , 2018 , 33, 370-375	2.5	12
135	The development of a new approach toward lanthanide-based OLED fabrication: new host materials for Tb-based emitters. <i>Dalton Transactions</i> , 2018 , 47, 16350-16357	4.3	19
134	Monothiatruxene: a new versatile core for functional materials. <i>RSC Advances</i> , 2017 , 7, 49532-49535	3.7	8
133	Elastic FRET sensors for contactless pressure measurement. <i>RSC Advances</i> , 2017 , 7, 50578-50583	3.7	0
132	Tetraphenylimidodiphosphinate ligand as potent complexation agent for ternary photoluminescent lanthanide complexes. <i>Optical Materials</i> , 2017 , 74, 183-186	3.3	3
131	Synthesis and photophysical studies of tetrazolate-based Eu(III) photoluminescent ternary complexes containing N-heterocyclic phosphine oxides auxiliary co-ligands. <i>Luminescence</i> , 2016 , 31, 1085-90 ^{2.5}	2.5	2
130	Highly photoluminescent europium tetraphenylimidodiphosphinate ternary complexes with heteroaromatic co-ligands. Solution and solid state studies. <i>Journal of Luminescence</i> , 2016 , 170, 411-419 ^{3.8}	3.8	20
129	Total protein concentration quantification using nanobeads with a new highly luminescent terbium(III) complex. <i>RSC Advances</i> , 2016 , 6, 115068-115073	3.7	3
128	Application of Europium Multiwalled Carbon Nanotubes as Novel Luminophores in an Electrochemiluminescent Aptasensor for Thrombin Using Multiple Amplification Strategies. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 12663-70	9.5	53
127	Strongly photoluminescent Eu(III) tetrazolate ternary complexes with phosphine oxides as powerful sensitizers. <i>Journal of Coordination Chemistry</i> , 2015 , 68, 367-377	1.6	12
126	Fullerene-driven encapsulation of a luminescent Eu(III) complex in carbon nanotubes. <i>Nanoscale</i> , 2014 , 6, 2887-94	7.7	8

125	Photoluminescent Tetrazolate-based Eu(III) Complexes: An Outstanding Impact of Aromatic Phosphine Oxide Co-ligands on the Photoluminescence Quantum Yields. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2014 , 69, 239-247	1	3
124	Highly photo- and electroluminescent 1,3-diketonate Eu(III) complexes with spiro-fluorene-xantphos dioxide ligands: synthesis and properties. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 8028	7.1	27
123	Mixed-ligand terbium terephthalates: Synthesis, photophysical and thermal properties and use for luminescent terbium terephthalate thin film deposition. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013 , 253, 72-80	4.7	20
122	Double Hydrogen Transfer in Low Symmetry Porphycenes. <i>Zeitschrift Fur Physikalische Chemie</i> , 2013 , 227, 1009-1020	3.1	7
121	Novel, highly photoluminescent Eu(III) and Tb(III) tetrazolate-2-pyridine-1-oxide complexes. <i>Optical Materials</i> , 2012 , 34, 1507-1512	3.3	15
120	Synthesis and photoluminescence properties of novel lanthanide complexes based on pyrazolone Schiff bases. <i>Synthetic Metals</i> , 2012 , 162, 1285-1291	3.6	17
119	Highly photoluminescent Eu(III) complexes of the new 1-triphenylen-2-yl-3-trifluoroacetylacetone. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012 , 250, 85-91	4.7	18
118	The long and winding road to new porphycenes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012 , 16, 589-602	1.8	24
117	Eu(III)-coupled luminescent multi-walled carbon nanotubes in surfactant solutions. <i>Carbon</i> , 2012 , 50, 436-443	10.4	15
116	The first ternary europium tetraphenylimidodiphosphinate complex: X-ray structure and photoluminescent properties. <i>Inorganica Chimica Acta</i> , 2012 , 387, 426-430	2.7	8
115	Electrostatically-driven assembly of MWCNTs with a europium complex. <i>Chemical Communications</i> , 2011 , 47, 1625-7	5.8	36
114	Solid state photoluminescence of novel lanthanide complexes based on 4-benzoylpyrazolone Schiff base. <i>Synthetic Metals</i> , 2010 , 160, 2377-2380	3.6	7
113	Unusual, solvent viscosity-controlled tautomerism and photophysics: meso-alkylated porphycenes. <i>Journal of the American Chemical Society</i> , 2010 , 132, 13472-85	16.4	58
112	Luminescence intensification of lanthanide complexes by silver nanoparticles incorporated in sol-gel matrix. <i>Journal of Rare Earths</i> , 2009 , 27, 544-549	3.7	39
111	Eu(III) complexes involving 1,3,5-triazine diphosphine oxides. <i>Journal of Rare Earths</i> , 2009 , 27, 584-587	3.7	6
110	Polarized Spectroscopy Studies of Single Molecules of Porphycenes: Tautomerism and Orientation. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 11514-11519	3.8	42
109	Gadolinium(III) cryptates investigated by multifrequency EPR. <i>Journal of Alloys and Compounds</i> , 2008 , 451, 182-185	5.7	7
108	Luminescence of cryptate-type Eu ³⁺ complexes incorporated in inorganic and ormocer sol-gel matrices. <i>Optical Materials</i> , 2007 , 29, 521-527	3.3	17

107	Efficient synthesis of porphycene. <i>Journal of Porphyrins and Phthalocyanines</i> , 2007 , 11, 596-600	1.8	28
106	Response of DNA fragments to potentiometric sensors studied using HPLC. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2007 , 10, 555-9	1.3	1
105	Matrix isolation spectroscopy and molecular dynamics simulations for 2,7,12,17-tetra-tert-butylporphycene in argon and xenon. <i>Journal of Chemical Physics</i> , 2007 , 127, 13450-13459	3.9	4
104	Evidence for two forms, double hydrogen tunneling, and proximity of excited states in bridge-substituted porphycenes: supersonic jet studies. <i>Journal of the American Chemical Society</i> , 2006 , 128, 2577-86	16.4	56
103	Coated wire potentiometric detection for capillary electrophoresis studied using organic amines, drugs, and biogenic amines. <i>Analytical Chemistry</i> , 2006 , 78, 3772-9	7.8	45
102	Covalent and embedment immobilization of macrocyclic polyamines on gold electrodes and their voltammetric responses towards ethene dicarboxylic acids. <i>Electrochimica Acta</i> , 2006 , 51, 2289-2297	6.7	16
101	Influence of xerogel matrices and co-ligands on luminescence parameters in materials with an europium(III) cryptate. <i>Journal of Non-Crystalline Solids</i> , 2005 , 351, 2047-2056	3.9	3
100	Luminescent materials consisting of Eu(III) ions complexed with cryptand ligand and coligands entrapped in xerogel matrices. <i>Journal of Luminescence</i> , 2005 , 115, 122-130	3.8	9
99	Behaviour of nucleotides and oligonucleotides in potentiometric HPLC detection. <i>Analytica Chimica Acta</i> , 2005 , 550, 130-136	6.6	7
98	Spectroscopic study of DHDA complex formation of d- and f-electron metal ions in methanol solution. <i>Journal of Fluorescence</i> , 2005 , 15, 493-7	2.4	2
97	Crystal Structures of 1,5,9,18,22,26-Hexaaza[11.11]-p-cyclophane Adducts; Two-dimensional Supramolecular Networks. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2005 , 51, 181-189		1
96	Molecular recognition. 1. Crystal structures of hexaazamacrocyclic amines containing p-xylylene spacers and their adducts with acids. <i>Beilstein Journal of Organic Chemistry</i> , 2005 , 1, 16	2.5	1
95	Novel Ligands Incorporating Phosphin oxide Groups as Particularly Efficient Sensitizers for Lanthanide Emission. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2004 , 49, 61-67		3
94	Thermodynamic Interaction Parameters of Tetra-n-undecylcalix[4]resorcinarenes with Selected Solvents Studied by Inverse Gas Chromatography. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2004 , 49, 69-73		6
93	Thermolysis of calix[4]resorcinarene complexes with secondary and tertiary amines. <i>Journal of Thermal Analysis and Calorimetry</i> , 2004 , 78, 973-980	4.1	
92	Thermal analysis of calix[4]resorcinarene complexes with secondary and tertiary amines. <i>Journal of Thermal Analysis and Calorimetry</i> , 2004 , 78, 973-980	4.1	11
91	Experimental and theoretical study of the photophysics and structures of europium cryptates incorporating 3,3'-bi-isoquinoline-2,2'-dioxide. <i>ChemPhysChem</i> , 2004 , 5, 1577-84	3.2	32
90	Synthesis of novel, boron-containing cavitands derived from calix[4]resorcinarenes and their molecular recognition of biologically important polyols in Langmuir films. <i>Tetrahedron</i> , 2004 , 60, 10747-10752	2.4	17

89	Podand and macrocyclic amine receptors with urea functionalities for potentiometric detection of organic acids in HPLC. <i>Analytica Chimica Acta</i> , 2004 , 523, 177-184	6.6	15
88	Laser spectroscopy of porphycene derivatives: a search for proton tunneling in 2,7,12,17-tetra-tert-butylporphycene. <i>Chemical Physics Letters</i> , 2004 , 399, 331-336	2.5	8
87	Novel phosphin oxide-bearing ligands and their photoluminescent complexes: Spectroscopic studies. <i>Journal of Alloys and Compounds</i> , 2004 , 380, 241-247	5.7	10
86	Luminescence Properties of Materials with Eu(III) Complexes: Role of Ligand, Coligand, Anion, and Matrix. <i>Chemistry of Materials</i> , 2003 , 15, 656-663	9.6	166
85	Recognition of Monohydrogen Anions of Geometrical and Positional Isomers of Dicarboxylic Acids Based on Polymeric Liquid Membranes Incorporating Polyamine Host. <i>Electroanalysis</i> , 2003 , 15, 294-302 ³		8
84	Intensification of rare earths luminescence in glasses. <i>Journal of Luminescence</i> , 2003 , 102-103, 243-247	3.8	22
83	Rare earth ions, their spectroscopy of cryptates and related complexes in sol-gel glasses. <i>Optical Materials</i> , 2003 , 24, 1-13	3.3	27
82	Potentiometric response of amino-calix[4]resorcinarenes modified membranes towards neutral nitrophenols. <i>Sensors and Actuators B: Chemical</i> , 2003 , 89, 217-224	8.5	7
81	Potentiometric Response of Liquid Membrane Electrode Incorporated with Macrocyclic Polyamine Towards Benzoate. <i>Analytical Letters</i> , 2003 , 36, 1325-1334	2.2	7
80	Molecular interactions of cyclic hexamine hydrochloride with dipeptides in aqueous solutions. Partial molar heat capacities and volumes of transfer of amine from water to aqueous dipeptide solutions. <i>Journal of Molecular Liquids</i> , 2002 , 95, 295-304	6	2
79	Highly luminescent lanthanide complexes based on dendrimeric phosphin oxides. <i>Journal of Alloys and Compounds</i> , 2002 , 341, 267-271	5.7	6
78	Nanosopic complexes of dendrimers based on hexaazamacrocyclic synthesis and characterization. <i>Materials Science and Engineering C</i> , 2001 , 18, 61-64	8.3	4
77	Molecular recognition of pyrimidine and xanthine bases by lipophilic calixarenes derived from resorcinol. Part II. <i>Materials Science and Engineering C</i> , 2001 , 18, 117-120	8.3	3
76	Ferrocene-modified oligopeptide as model compound for charge-transfer interactions with organic electron acceptors. <i>Materials Science and Engineering C</i> , 2001 , 18, 121-124	8.3	3
75	Calix[4]resorcinarene: molecular recognition in Langmuir films. <i>Materials Science and Engineering C</i> , 2001 , 18, 157-159	8.3	10
74	Luminescence of europium(III) compounds in zirconia xerogels. <i>Chemical Physics Letters</i> , 2001 , 349, 266-270		41
73	A novel polynuclear donor complex based on helical peptides with aligned electroactive moieties. <i>Chemical Physics Letters</i> , 2001 , 350, 447-452	2.5	15
72	Potentiometric detection of organic acids in liquid chromatography using polymeric liquid membrane electrodes incorporating macrocyclic hexaamines. <i>Journal of Chromatography A</i> , 2001 , 915, 25-33	4.5	32

71	Molecular Recognition of Dihydroxybenzenes by Macrocyclic Polyamines in Langmuir Films and PVC Matrix. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2001 , 41, 129-134		2
70	Influence of Substituents in Nitrogen Atoms in Macrocyclic Polyamine Incorporated into Poly(vinyl chloride) Matrix Liquid Membrane on Its Potentiometric Response to Neutral Phenols. <i>Electroanalysis</i> , 2000 , 12, 1397-1402	3	10
69	Luminescent properties of silica and zirconia xerogels doped with europium(III) salts and europium(III) cryptate incorporating 3,3'-biisoquinoline-2,2'-dioxide. <i>Chemical Physics Letters</i> , 2000 , 330, 515-520	2.5	40
68	Improvement of emission intensity in luminescent materials based on the antenna effect. <i>Journal of Alloys and Compounds</i> , 2000 , 300-301, 55-60	5.7	31
67	Investigations of the spectral properties of lanthanide(III) complexes with 3,3'-bi-isoquinoline-2,2'-dioxide (biqO2) and a biqO2-cryptate in solution, solids, and gels. <i>Journal of Alloys and Compounds</i> , 2000 , 300-301, 283-288	5.7	26
66	Macrocyclic and macropolycyclic heteroaromatic N-oxides: powerful sensitizers for the lanthanide ions emission. <i>Journal of Alloys and Compounds</i> , 2000 , 300-301, 141-146	5.7	11
65	Photophysics and crystal structure of a europium(III) cryptate incorporating 3,3'-biisoquinoline-2,2'-dioxide. <i>Inorganic Chemistry</i> , 2000 , 39, 5365-72	5.1	47
64	X-ray Diffraction and ¹³ C Solid-State NMR Studies of the Dimethylformamide Solvate of Tetra(C-undecyl)calix[4]resorcinarene. <i>Journal of Physical Chemistry B</i> , 2000 , 104, 1921-1926	3.4	12
63	The Antenna Effect of Eu(III) Cryptate Entrapped in Xerogel Matrices. <i>Molecular Crystals and Liquid Crystals</i> , 2000 , 354, 207-219		16
62	Polymeric liquid membrane electrodes incorporated with macrocyclic hexaamines for screening adenine nucleotides. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2000 , 3, 509-17	1.3	7
61	Hexaazamacrocyclic Ligands with Long Alkyl Chains as Functional Units in Monomolecular Langmuir-Blodgett Films. <i>Supramolecular Chemistry</i> , 1999 , 10, 201-211	1.8	
60	Structural Study of C-undecylcalix[4]resorcinarene Solvate with Dioxane. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999 , 35, 131-138		7
59	Separation of Pyrimidine Bases on a HPLC Stationary RP-18 Phase Coated with Calix[4]resorcinarene. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999 , 35, 261-270		22
58	Synthesis, Spectral and Magnetic Characterisation of Copper(II) Dinuclear and Polynuclear Complexes with a Macrocyclic 34-Membered Hexamine. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999 , 35, 233-242		2
57	Hexaazamacrocyclic Ligands with Long Alkyl Chains as Functional Units in Monomolecular Langmuir-Blodgett Films. <i>Supramolecular Chemistry</i> , 1999 , 10, 201-211	1.8	3
56	Thermochemical Investigation of Some Selected Solvates of Calix[4]resorcinarene. <i>Magyar Árvad Kémia</i> , 1998 , 54, 249-255	0	10
55	Chiral Discrimination of Amino Acids by an Optically Active Crown Ether Studied by HPLC, Extraction and a Liquid Membrane Transport Experiments. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1998 , 30, 69-77		11
54	Global Supramolecular Chemistry Network (GSCN). <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1998 , 31, 179-183		

53	Molecular Interactions of Macrocycles with Dipeptides in Aqueous Solutions. Partial Molar Volumes and Heat Capacities of Transfer of a Chiral 18-Crown-6 and of a Calix[4]resorcinarene Derivative from Water to Aqueous Dipeptide Solutions at 25°C. <i>Journal of Solution Chemistry</i> , 1998 , 27, 121-134	1.8	17
52	Charge transfer complexes involving calix[4]resorcinarenes: potential candidates for non-linear optics. <i>Advanced Materials for Optics and Electronics</i> , 1998 , 8, 277-284		5
51	Antenna effect in an oxide xerogel. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1998 , 54, 2183-2187	4.4	18
50	Luminescent lanthanide complexes with macrocyclic N-oxides. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1998 , 54, 2229-2236	4.4	12
49	Chiral discrimination of amino acids and their potassium or sodium salts by optically active crown ether derived from d-mannose. <i>Journal of Membrane Science</i> , 1998 , 138, 109-113	9.6	70
48	Chiral Recognition Studies of Amino Acids by Chiral Calix[4]Resorcinarenes in Langmuir Films 1998 , 463-466		
47	Monolayers of Chiral Calix[4]Resorcinarenes: Surface Pressure and Surface Potential Studies. <i>Supramolecular Chemistry</i> , 1998 , 10, 17-25	1.8	10
46	Calix[4]Resorcinarene Derivatives as Ionophores for Cations Studied in Polymeric (PVC) Membrane 1998 , 263-266		
45	A 3,3'-bis(quinoline-2,2'-dioxide) with two dibenzoylmethane side-arms, and its luminescent europium (iii) complexes. <i>Journal of Coordination Chemistry</i> , 1997 , 42, 207-210	1.6	3
44	Synthesis and Photochemical Properties of Luminescent Eu(III) Complexes with Macrocyclic and Macropolycyclic Ligands Incorporating 3,3'-Bis(quinoline-2,2'-dioxide) Units. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1997 , 28, 325-334		3
43	Luminescent Macrocyclic Lanthanide Complexes Bearing N-Oxides: Potential Fluorescent Labels for Modern Medical Diagnostics. <i>Acta Physica Polonica A</i> , 1996 , 90, 207-213	0.6	3
42	Molecular Meccano. 2. Self-Assembly of [n]Catenanes. <i>Journal of the American Chemical Society</i> , 1995 , 117, 1271-1293	16.4	237
41	Electrocatalysis of oxygen reduction by a copper(II) hexaazamacrocyclic complex. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 1087-1088		15
40	Lanthanide complexes of macrocyclic and macrobicyclic N-oxides; light-converting supramolecular devices. <i>Pure and Applied Chemistry</i> , 1993 , 65, 563-566	2.1	46
39	The Synthesis and Complexing Properties of Chiral Diaza Crown Ethers and Cryptands Incorporating D-Mannopyranoside Units. <i>Journal of Coordination Chemistry</i> , 1992 , 27, 115-127	1.6	5
38	Molecular meccano. 1. [2]Rotaxanes and a [2]catenane made to order. <i>Journal of the American Chemical Society</i> , 1992 , 114, 193-218	16.4	671
37	Synthetic Methods in Supramolecular Chemistry. <i>Journal of Coordination Chemistry</i> , 1992 , 27, 151-199	1.6	9
36	Synthesis and selectivity towards divalent inorganic cations of macrocyclic dicarboxamides and disulphonamides bearing pendant electron donor groups. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1992 , 14, 237-245		6

- 35 Enantiomeric differentiation of amino acids by a chiral crown ether derived from d-mannose studied by the liquid membrane technique. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **1992**, 14, 339-348 8
- 34 New redox-responsive cryptands containing tetrathiafulvalene units. *Advanced Materials*, **1992**, 4, 568-570 36
- 33 Enantioseparation of α -phenylglycine by HPLC on an ODS column coated with chiral crown ether. *Chromatographia*, **1991**, 32, 82-84 2.1 9
- 32 Mercury ion-selective polymeric membrane electrodes based on substituted diaza crown ethers. *Electroanalysis*, **1991**, 3, 855-858 3 34
- 31 Crystal Structures of the Lithium Cryptates of Two Macrobicyclic Ligands Containing Pyridine, Bipyridine, and Biisoquinoline Units. *Helvetica Chimica Acta*, **1991**, 74, 1157-1162 2 12
- 30 Molecular Trains: The Self-Assembly and Dynamic Properties of Two New Catenaries. *Angewandte Chemie International Edition in English*, **1991**, 30, 1042-1045 45
- 29 Molekulare Eisenbahn: Selbstassoziation und dynamische Eigenschaften von zwei neuen Catenanen. *Angewandte Chemie*, **1991**, 103, 1058-1061 3.6 10
- 28 Photoactive Eu(III) and Tb(III) complexes of calix[4]arenes with pyridine-N-oxide pendant groups. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **1991**, 10, 387-392 20
- 27 Diaza crown ethers bearing heterocyclic ligating groups on nitrogen atoms and their complexing properties with divalent inorganic cations. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **1990**, 9, 259-265 13
- 26 Synthesis and redox properties of a copper(II) complex of N,N',N'',N'''-tetrakis (2-quinolinemethyl-1-oxide)-1,4,8,11-tetraazacyclotetradecane. *Polyhedron*, **1990**, 9, 2353-2357 2.7 3
- 25 Synthesis and Properties of Acyclic and Cryptate Europium(III) Complexes Incorporating the 3,3'-Biisoquinoline 2,2'-Dioxide Unit. *Helvetica Chimica Acta*, **1990**, 73, 106-111 2 50
- 24 Novel Access to Polyazamacrocycles: Non-Template Cyclization of Terephthalaldehyde and Aliphatic Polyamines. *Chemische Berichte*, **1990**, 123, 405-406 38
- 23 Synthesis and Characteristics of a Europium(III) Complex of N, N, N', N''-Tetrakis(2-Quinolinemethyl-1-Oxide)-1,4,8,11-Tetraazacyclotetradecane. *Journal of Coordination Chemistry*, **1990**, 21, 75-80 1.6 3
- 22 One-step alkali metal ion promoted macrobicyclization. Synthesis of (m-xylyl(2.2))-cryptand. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **1989**, 7, 309-311 7
- 21 Synthesis and luminescent properties of a Eu(III) complex with a macrocyclic ligand incorporating 2,2'-bipyridyl-1,1'-dioxide units. *Journal of the Chemical Society Chemical Communications*, **1989**, 1907-1908 15
- 20 Dynamic nuclear magnetic resonance spectroscopic studies of (2.2.1)-cryptand incorporating a pinacol unit. *Journal of Inclusion Phenomena*, **1988**, 6, 625-628
- 19 Synthesis and complexing properties of a chiral macrocyclic molecular receptor with convergent binding sites. *Journal of Inclusion Phenomena*, **1987**, 5, 177-180 1
- 18 High pressure approach to the synthesis of cryptands and related compounds. *Journal of Inclusion Phenomena*, **1987**, 5, 553-561 11

- 17 Synthesis and Complexing Properties of a Chiral Macrocyclic Molecular Receptor with Convergent Binding Sites **1987**, 177-180
- 16 High-pressure synthesis of cryptands and complexing behaviour of chiral cryptands. *Topics in Current Chemistry*, **1986**, 183-204 23
- 15 Synthesis of Cryptands under High Pressure. The Role of Solvent and Leaving Group in Double Quaternization Reactions. *Heterocycles*, **1986**, 24, 1203 0.8 12
- 14 Synthesis of Chiral [2.2.1] Cryptand Incorporating Methyl 4,6-O-[(S)-Phenylethrylidene]-D-Mannopyranoside Unit. *Journal of Carbohydrate Chemistry*, **1985**, 4, 429-434 1.7 11
- 13 Dynamic ¹H nuclear magnetic resonance spectroscopic studies of complexes formed between substituted ammonium cations and two chiral diaza-crown ethers incorporating asymmetric carbohydrate units. *Journal of the Chemical Society Perkin Transactions II*, **1985**, 1559 7
- 12 High-pressure Synthesis of Cryptands with Aliphatic Bridging Units. *Heterocycles*, **1985**, 23, 547 0.8 10
- 11 Synthesis of chiral diaza-crown ethers incorporating carbohydrate units. *Tetrahedron*, **1984**, 40, 2967-2974 2.4 50
- 10 Synthesis of novel chiral [2.2.1]cryptands incorporating sugars. *Tetrahedron*, **1984**, 40, 2971-2973 2.4 28
- 9 Synthesis of diaza-crown ethers on solid supports. *Journal of Inclusion Phenomena*, **1984**, 2, 195-197 10
- 8 Synthesis of Diaza-Crown Ethers on Solid Supports **1984**, 195-197
- 7 Synthesis of novel chiral macrocyclic ligands bearing methyl 4,6-O-benzylidene-D-mannopyranoside. *Journal of the Chemical Society Chemical Communications*, **1983**, 132-133 16
- 6 Approaches to some carbohydrate-derived sultones. *Canadian Journal of Chemistry*, **1981**, 59, 260-263 0.9 12
- 5 Ene reaction of the active imino group. A novel synthesis of α -amino-acids. *Journal of the Chemical Society Perkin Transactions 1*, **1981**, 2680-2683 19
- 4 Ene reaction of the active XC=N and XC=O group with ketones. A novel synthesis of X-oxo- α -amino- and X-oxo- α -hydroxy-acids.. *Tetrahedron Letters*, **1981**, 22, 4323-4326 2 6
- 3 A total synthesis of natural cerulenin from D-glucose. *Tetrahedron Letters*, **1979**, 20, 4741-4744 2 17
- 2 Reaction of the active CN group with alkenes: synthesis of β -unsaturated α -amino-acids. *Journal of the Chemical Society Chemical Communications*, **1976**, 484a-484a 9
- 1 From truxenes to heterotruxenes: playing with heteroatoms and the symmetry of molecules. *New Journal of Chemistry*, 3.6 1