

# Kamil Lang

## 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.

155  
papers

4,861  
citations

41  
h-index

59  
g-index

166  
ext. papers

5,309  
ext. citations

5.1  
avg. IF

5.52  
L-index

#	Paper	IF	Citations
155	Group 4 metallocene derivatives as a new class of singlet oxygen photosensitizers. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2022</b> , 424, 113619	4.7	0
154	Polymeric Membranes Containing Iodine-Loaded UiO-66 Nanoparticles as Water-Responsive Antibacterial and Antiviral Surfaces. <i>ACS Applied Nano Materials</i> , <b>2022</b> , 5, 1244-1251	5.6	0
153	Phosphinic acids as building units in materials chemistry. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 433, 213748	4.8	4
152	Luminescent Cationic Group 4 Metallocene Complexes Stabilized by Pendant N-Donor Groups. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 7315-7328	5.1	3
151	Metal-organic frameworks vs. buffers: case study of UiO-66 stability. <i>Inorganic Chemistry Frontiers</i> , <b>2021</b> , 8, 720-734	6.8	17
150	Heterogeneous photoactive antimicrobial coatings based on a fluoroplastic doped with an octahedral molybdenum cluster compound. <i>Dalton Transactions</i> , <b>2021</b> , 50, 8467-8475	4.3	2
149	A water-soluble octahedral molybdenum cluster complex as a potential agent for X-ray induced photodynamic therapy. <i>Biomaterials Science</i> , <b>2021</b> , 9, 2893-2902	7.4	8
148	Octahedral Molybdenum Cluster Complexes with Optimized Properties for Photodynamic Applications. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 9287-9293	5.1	9
147	Swollen Polyhedral Volume of the -BH Cluster via Extensive Methylation: -BHClMe. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 2651-2654	5.1	7
146	Robust Aluminum and Iron Phosphinate Metal-Organic Frameworks for Efficient Removal of Bisphenol A. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 5538-5545	5.1	9
145	Electrophoretically Deposited Layers of Octahedral Molybdenum Cluster Complexes: A Promising Coating for Mitigation of Pathogenic Bacterial Biofilms under Blue Light. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 52492-52499	9.5	9
144	A Series of Ultra-Efficient Blue Borane Fluorophores. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 17058-17070	5.1	4
143	Photochromic System among Boron Hydrides: The Hawthorne Rearrangement. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 6202-6207	6.4	7
142	Water-soluble Re <sub>6</sub> -clusters with aromatic phosphine ligands [From synthesis to potential biomedical applications. <i>Inorganic Chemistry Frontiers</i> , <b>2019</b> , 6, 882-892	6.8	24
141	Cationic octahedral molybdenum cluster complexes functionalized with mitochondria-targeting ligands: photodynamic anticancer and antibacterial activities. <i>Biomaterials Science</i> , <b>2019</b> , 7, 1386-1392	7.4	43
140	Red-Emitting Fluorescence Sensors for Metal Cations: The Role of Counteranions and Sensing of SCN in Biological Materials. <i>ACS Sensors</i> , <b>2019</b> , 4, 1552-1559	9.2	15
139	Effect of Iodination on the Photophysics of the Laser Borane -BH: Generation of Efficient Photosensitizers of Oxygen. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 10248-10259	5.1	11

138	Novel Cerium Bisphosphinate Coordination Polymer and Unconventional MetalOrganic Framework. <i>Crystals</i> , <b>2019</b> , 9, 303	2.3	5
137	Phosphinate Apical Ligands: A Route to a Water-Stable Octahedral Molybdenum Cluster Complex. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 16546-16552	5.1	17
136	Helicenes Built from Silacyclopentadienes via Ring-by-Ring Knitting of the Helical Framework. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 1668-1672	3.6	2
135	Helicenes Built from Silacyclopentadienes via Ring-by-Ring Knitting of the Helical Framework. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 1654-1658	16.4	4
134	Designing Porphyrinic Covalent Organic Frameworks for the Photodynamic Inactivation of Bacteria. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 8527-8535	9.5	65
133	Substitution of the laser borane anti-BH with pyridine: a structural and photophysical study of some unusually structured macropolyhedral boron hydrides. <i>Dalton Transactions</i> , <b>2018</b> , 47, 1709-1725	4.3	20
132	Octahedral molybdenum clusters as radiosensitizers for X-ray induced photodynamic therapy. <i>Journal of Materials Chemistry B</i> , <b>2018</b> , 6, 4301-4307	7.3	34
131	Host-Guest Binding Hierarchy within Redox- and Luminescence-Responsive Supramolecular Self-Assembly Based on Chalcogenide Clusters and $\beta$ Cyclodextrin. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 13467-13478	4.8	36
130	The nanoscaled metal-organic framework ICR-2 as a carrier of porphyrins for photodynamic therapy. <i>Beilstein Journal of Nanotechnology</i> , <b>2018</b> , 9, 2960-2967	3	10
129	Zirconium Metal-Organic Framework UiO-66: Stability in an Aqueous Environment and Its Relevance for Organophosphate Degradation. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 14290-14297	5.1	63
128	Phosphinatophenylporphyrins tailored for high photodynamic efficacy. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 7274-7281	3.9	8
127	HostGuest Binding Hierarchy within Redox- and Luminescence-Responsive Supramolecular Self-Assembly Based on Chalcogenide Clusters and $\beta$ Cyclodextrin. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 13382-13382	4.8	1
126	Highly luminescent hybrid materials based on smectites with polyethylene glycol modified with rhodamine fluorophore. <i>Applied Clay Science</i> , <b>2017</b> , 138, 25-33	5.2	11
125	Nanoscaled porphyrinic metal-organic frameworks: photosensitizer delivery systems for photodynamic therapy. <i>Journal of Materials Chemistry B</i> , <b>2017</b> , 5, 1815-1821	7.3	51
124	Thermochromic Fluorescence from B18H20(NC5H5)2: An InorganicOrganic Composite Luminescent Compound with an Unusual Molecular Geometry. <i>Advanced Optical Materials</i> , <b>2017</b> , 5, 1600694	8.1	33
123	Tetranuclear Copper(I) Iodide Complexes: A New Class of X-ray Phosphors. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 4610-4615	5.1	33
122	Nickel-cobalt hydroxide nanosheets: Synthesis, morphology and electrochemical properties. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 499, 138-144	9.3	12
121	Nanoparticles with Embedded Porphyrin Photosensitizers for Photooxidation Reactions and Continuous Oxygen Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 36229-36238	9.5	14

120	Singlet Oxygen Production and Biological Activity of Hexanuclear Chalcocyanide Rhenium Cluster Complexes $[\{\text{ReQ}\}(\text{CN})]$ (Q = S, Se, Te). <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 13491-13499	5.1	39
119	Moll Cluster Complex-Based Coordination Polymer as an Efficient Heterogeneous Catalyst in the Suzuki-Miyaura Coupling Reaction. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 4668-4673	2.3	9
118	Photoactivatable Nanostructured Surfaces for Biomedical Applications. <i>Topics in Current Chemistry</i> , <b>2016</b> , 370, 135-68		15
117	X-ray Inducible Luminescence and Singlet Oxygen Sensitization by an Octahedral Molybdenum Cluster Compound: A New Class of Nanoscintillators. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 803-9	5.1	83
116	Water-soluble octahedral molybdenum cluster compounds $\text{Na}_2[\text{Mo}_6\text{I}_8(\text{N}_3)_6]$ and $\text{Na}_2[\text{Mo}_6\text{I}_8(\text{NCS})_6]$ : Syntheses, luminescence, and in vitro studies. <i>Inorganica Chimica Acta</i> , <b>2016</b> , 441, 42-49	2.7	51
115	Metal-Cation Recognition in Water by a Tetrapyrazinoporphyrazine-Based Tweezer Receptor. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 2417-26	4.8	19
114	Design of porphyrin-based conjugated microporous polymers with enhanced singlet oxygen productivity. <i>RSC Advances</i> , <b>2016</b> , 6, 44279-44287	3.7	32
113	Photoactive hybrid material based on kaolinite intercalated with a reactive fluorescent silane. <i>Applied Clay Science</i> , <b>2015</b> , 108, 208-214	5.2	7
112	Facile synthesis of CuO nanosheets via the controlled delamination of layered copper hydroxide acetate. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 452, 174-179	9.3	17
111	Hybrid Systems Based on Layered Silicate and Organic Dyes for Cascade Energy Transfer. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 21784-21794	3.8	22
110	Electrochemical performance of cobalt hydroxide nanosheets formed by the delamination of layered cobalt hydroxide in water. <i>Dalton Transactions</i> , <b>2014</b> , 43, 10484-91	4.3	21
109	High photocatalytic activity of transparent films composed of ZnO nanosheets. <i>Langmuir</i> , <b>2014</b> , 30, 380-4		28
108	Hexamolybdenum Cluster Complexes with Pyrene and Anthracene Carboxylates: Ultrabright Red Emitters with the Antenna Effect. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 2331-2336	2.3	53
107	Insight into the Structure of Layered Zinc Hydroxide Salts Intercalated with Dodecyl Sulfate Anions. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 27131-27141	3.8	26
106	Luminescent hydrogel particles prepared by self-assembly of Cyclodextrin polymer and octahedral molybdenum cluster complexes. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 13012-8	5.1	72
105	Low-temperature deposition of anatase on nanofiber materials for photocatalytic NO <sub>x</sub> removal. <i>Catalysis Today</i> , <b>2014</b> , 230, 74-78	5.3	27
104	Blue and green luminescence of reduced graphene oxide quantum dots. <i>Carbon</i> , <b>2013</b> , 63, 537-546	10.4	58
103	Tuning the photophysical properties of anti-B18H22: efficient intersystem crossing between excited singlet and triplet states in new 4,4S(HS) <sub>2</sub> -anti-B18H20. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 9266-74	5.1	24

102	Nickel hydroxide ultrathin nanosheets as building blocks for electrochemically active layers. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 11429	13	21
101	Photophysical properties of CdSe quantum dot self-assemblies with zinc phthalocyanines and azaphthalocyanines. <i>Photochemical and Photobiological Sciences</i> , <b>2013</b> , 12, 743-50	4.2	10
100	Isonitrile ligand effects on small-molecule-sequestering in bimetalladodecaborane clusters. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 747, 76-84	2.3	5
99	Lanthanide-porphyrin hybrids: from layered structures to metal-organic frameworks with photophysical properties. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 2779-86	5.1	61
98	Azaphthalocyanines: red fluorescent probes for cations. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 5025-84.8	4.8	23
97	Photostability and photobactericidal properties of porphyrin-layered double hydroxide-polyurethane composite films. <i>Journal of Materials Chemistry B</i> , <b>2013</b> , 1, 2139-2146	7.3	41
96	A comparative study of the redox and excited state properties of (nBu4N)2[Mo6X14] and (nBu4N)2[Mo6X8(CF3COO)6] (X = Cl, Br, or I). <i>Dalton Transactions</i> , <b>2013</b> , 42, 7224-32	4.3	99
95	Polystyrene nanofiber materials modified with an externally bound porphyrin photosensitizer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 3776-83	9.5	62
94	Anion recognition by calix[4]arene-based p-nitrophenyl amides. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 678-680	2	18
93	Anion complexation by calix[4]arene-TF conjugates. <i>Dyes and Pigments</i> , <b>2012</b> , 92, 668-673	4.6	16
92	Distinct photophysics of the isomers of B18H22 explained. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 1471-9	5.1	33
91	Selective modification of layered silicate nanoparticle edges with fluorophores. <i>Applied Clay Science</i> , <b>2012</b> , 65-66, 152-157	5.2	11
90	Virucidal nanofiber textiles based on photosensitized production of singlet oxygen. <i>PLoS ONE</i> , <b>2012</b> , 7, e49226	3.7	37
89	Layered Hydroxide-Porphyrin Hybrid Materials: Synthesis, Structure, and Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 5154-5164	2.3	35
88	A Highly Luminescent Hexanuclear Molybdenum Cluster – A Promising Candidate toward Photoactive Materials. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 3107-3111	2.3	107
87	Magnesium azaphthalocyanines: an emerging family of excellent red-emitting fluorophores. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 4215-23	5.1	74
86	Reversible capture of small molecules on bimetalloborane clusters: synthesis, structural characterization, and photophysical aspects. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 7511-23	5.1	16
85	Photorelease of triplet and singlet oxygen from dioxygen complexes. <i>Coordination Chemistry Reviews</i> , <b>2011</b> , 255, 2904-2911	23.2	12

84	Antibacterial nanofiber materials activated by light. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2011</b> , 99, 676-83	5.4	49
83	Charge transfer in porphyrin-calixarene complexes: ultrafast kinetics, cyclic voltammetry, and DFT calculations. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 6947-54	3.6	17
82	Few-Layer ZnO Nanosheets: Preparation, Properties, and Films with Exposed {001} Facets. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 24702-24706	3.8	22
81	Photoactive Self-Standing Films Made of Layered Double Hydroxides with Arranged Porphyrin Molecules. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 21700-21706	3.8	15
80	Layered zinc hydroxide salts: delamination, preferred orientation of hydroxide lamellae, and formation of ZnO nanodiscs. <i>Journal of Colloid and Interface Science</i> , <b>2011</b> , 360, 532-9	9.3	31
79	Porphyrins Intercalated in Zn/Al and Mg/Al Layered Double Hydroxides: Properties and Structural Arrangement. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 2481-2490	9.6	57
78	Inorganic/Organic Hybrid Materials: Layered Zinc Hydroxide Salts with Intercalated Porphyrin Sensitizers. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 16321-16328	3.8	31
77	Fluorescent polyurethane nanofabrics: a source of singlet oxygen and oxygen sensing. <i>Langmuir</i> , <b>2010</b> , 26, 10050-6	4	57
76	High-temperature X-ray powder diffraction as a tool for characterization of smectites, layered double hydroxides, and their intercalates with porphyrins. <i>Applied Clay Science</i> , <b>2010</b> , 49, 363-371	5.2	17
75	Preparation of layered double hydroxides intercalated with organic anions and their application in LDH/poly(butyl methacrylate) nanocomposites. <i>Applied Clay Science</i> , <b>2010</b> , 48, 260-270	5.2	93
74	Ultrafast intramolecular charge transfer in tetrapyrroline porphyrins controls the quantum yields of fluorescence and singlet oxygen. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 2555-63	3.6	36
73	Porphyrin-layered double hydroxide/polymer composites as novel ecological photoactive surfaces. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 9423		41
72	Singlet oxygen imaging in polymeric nanofibers by delayed fluorescence. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 15773-9	3.4	30
71	Carborane/Thiol/Silver interactions. A comparative study of the molecular protection of silver surfaces. <i>Surface and Coatings Technology</i> , <b>2010</b> , 204, 2639-2646	4.4	30
70	Mg-Al layered double hydroxide intercalated with porphyrin anions: molecular simulations and experiments. <i>Journal of Molecular Modeling</i> , <b>2010</b> , 16, 223-33	2	17
69	Binding of neutral molecules by p-nitrophenylureido substituted calix[4]arenes. <i>Tetrahedron</i> , <b>2010</b> , 66, 8047-8050	2.4	13
68	Layered silicate films with photochemically active porphyrin cations. <i>Pure and Applied Chemistry</i> , <b>2009</b> , 81, 1385-1396	2.1	15
67	Photofunctional polyurethane nanofabrics doped by zinc tetraphenylporphyrin and zinc phthalocyanine photosensitizers. <i>Journal of Fluorescence</i> , <b>2009</b> , 19, 705-13	2.4	61

66	Effect of the layer charge on the interaction of porphyrin dyes in layered silicates dispersions. <i>Journal of Luminescence</i> , <b>2009</b> , 129, 912-918	3.8	15
65	Immobilization of porphyrins in poly(hydroxymethylsiloxane). <i>Chemical Papers</i> , <b>2009</b> , 63,	1.9	1
64	Anion recognition by diureido-calix[4]arenes in the 1,3-alternate conformation. <i>New Journal of Chemistry</i> , <b>2009</b> , 33, 612	3.6	23
63	Cyclodextrin carriers of positively charged porphyrin sensitizers. <i>Organic and Biomolecular Chemistry</i> , <b>2009</b> , 7, 3797-804	3.9	25
62	Clay mineral particles as efficient carriers of methylene blue used for antimicrobial treatment. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 6202-7	10.3	23
61	Self-assemblies of cationic porphyrins with functionalized water-soluble single-walled carbon nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2009</b> , 9, 5795-802	1.3	8
60	Photoactive oriented films of layered double hydroxides. <i>Physical Chemistry Chemical Physics</i> , <b>2008</b> , 10, 4429-34	3.6	22
59	Self-Assembled Azaphthalocyanine Dimers with Higher Fluorescence and Singlet Oxygen Quantum Yields than the Corresponding Monomers. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 3260-3263 <sup>2</sup>	3.2	35
58	Porphyrin/calixarene self-assemblies in aqueous solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2008</b> , 198, 18-25	4.7	16
57	The synthesis and complexation of novel azosubstituted calix[4]arenes and thiacalix[4]arenes. <i>Dyes and Pigments</i> , <b>2008</b> , 77, 646-652	4.6	24
56	Visible-light photocatalytic activity of TiO <sub>2</sub> /ZnS nanocomposites prepared by homogeneous hydrolysis. <i>Microporous and Mesoporous Materials</i> , <b>2008</b> , 110, 370-378	5.3	87
55	Tetraphenylporphyrin-cobalt(III) bis(1,2-dicarbollide) conjugates: from the solution characteristics to inhibition of HIV protease. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 4539-46	3.4	36
54	Layered Double Hydroxides with Intercalated Porphyrins as Photofunctional Materials: Subtle Structural Changes Modify Singlet Oxygen Production. <i>Chemistry of Materials</i> , <b>2007</b> , 19, 3822-3829	9.6	54
53	FTIR and FT-Raman spectra and density functional computations of the vibrational spectra, molecular geometry and atomic charges of the biomolecule: 5-bromouracil. <i>Journal of Raman Spectroscopy</i> , <b>2007</b> , 38, 1227-1241	2.3	74
52	Novel fullerene receptors based on calixarene porphyrin conjugates. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 477-481	4.1	20
51	Thiacalix[4]arene porphyrin conjugates with high selectivity towards fullerene C <sub>70</sub> . <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 6620-6623	2	18
50	Interaction of porphyrins with PAMAM dendrimers in aqueous solution. <i>Journal of Molecular Liquids</i> , <b>2007</b> , 131-132, 200-205	6	20
49	Photophysical Properties and Photoinduced Electron Transfer Within Host-Guest Complexes of 5,10,15,20-Tetrakis(4-N-methylpyridyl)porphyrin with Water-soluble Calixarenes and Cyclodextrins. <i>Photochemistry and Photobiology</i> , <b>2007</b> , 74, 558-565	3.6	2

48	Bactericidal nanofabrics based on photoproduction of singlet oxygen. <i>Journal of Materials Chemistry</i> , <b>2007</b> , 17, 164-166		72
47	Polyhydroxylated sapphyrins: multisite non-metallic catalysts for activated phosphodiester hydrolysis. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 432-7	16.4	17
46	Model and real pollutant dispersion: concentration studies by conventional analytics and by laser spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2006</b> , 86, 889-903	1.8	4
45	Paleoenvironmental record in Lake Baikal sediments: Environmental changes in the last 160 ky. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2006</b> , 237, 240-254	2.9	20
44	Light-induced aggregation of cationic porphyrins. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2006</b> , 181, 283-289	4.7	43
43	Interaction of porphyrins with a dendrimer template: self-aggregation controlled by pH. <i>Langmuir</i> , <b>2005</b> , 21, 9714-20	4	70
42	Formation of lanthanide(III) texaphyrin complexes with DNA controlled by the size of the central metal cation. <i>Journal of Inorganic Biochemistry</i> , <b>2005</b> , 99, 1670-5	4.2	7
41	Unusual stoichiometry of urea-derivatized calix[4]arenes induced by anion complexation. <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 4469-4472	2	45
40	meso-Tetratolylporphyrins substituted by pyridinium groups: aggregation, photophysical properties and complexation with DNA. <i>Journal of Physical Organic Chemistry</i> , <b>2004</b> , 17, 890-897	2.1	34
39	Photophysical properties of porphyrinoid sensitizers non-covalently bound to host molecules; models for photodynamic therapy. <i>Coordination Chemistry Reviews</i> , <b>2004</b> , 248, 321-350	23.2	371
38	Aggregation and photophysical properties of water-soluble sapphyrins. <i>Chemical Physics Letters</i> , <b>2004</b> , 395, 82-86	2.5	6
37	(Thia)calix[4]arene-porphyrin conjugates: novel receptors for fullerene complexation with C70 over C60 selectivity. <i>New Journal of Chemistry</i> , <b>2004</b> , 28, 85-90	3.6	96
36	Modulation of porphyrin binding to serum albumin by pH. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2004</b> , 1670, 40-8	4	50
35	Green Earth Pigment from the Kadal Region, Czech Republic: Use of Rare Fe-rich Smectite. <i>Clays and Clay Minerals</i> , <b>2004</b> , 52, 767-778	2.1	29
34	Calixarene-based metalloporphyrins: molecular tweezers for complexation of DABCO. <i>Tetrahedron</i> , <b>2003</b> , 59, 2409-2415	2.4	43
33	Calix[4]arene-porphyrin conjugates as versatile molecular receptors for anions. <i>Organic Letters</i> , <b>2003</b> , 5, 149-52	6.2	93
32	Self-Aggregates of Cationic meso-Tetratolylporphyrins in Aqueous Solutions. <i>Langmuir</i> , <b>2003</b> , 19, 422-428		65
31	Steroid-porphyrin conjugate for saccharide sensing in protic media. <i>Organic and Biomolecular Chemistry</i> , <b>2003</b> , 1, 3458-63	3.9	44



30	1,15Binaphthyl-substituted macrocycles as receptors for saccharide recognition. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 655-63	4.8	57
29	Synthesis and spectroscopic properties of porphyrin-(thia)calix[4]arene conjugates. <i>Tetrahedron</i> , <b>2002</b> , 58, 5475-5482	2.4	33
28	Photoinduced electron transfer within porphyrin-cyclodextrin conjugates. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 4919-4922	2	32
27	Host-guest complexes of anionic porphyrin sensitizers with cyclodextrins. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2002</b> , 06, 514-526	1.8	24
26	Preprogramming of Porphyrin-Nucleic Acid Assemblies via Variation of the Alkyl/Aryl Substituents of Phosphonium Tetratolylporphyrins. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 6784-6792	3.4	43
25	Anion-controlled assembly of porphyrin-bicyclic guanidine conjugates. <i>Organic Letters</i> , <b>2002</b> , 4, 51-4	6.2	45
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18	Synthesis of novel porphyrin-based biscalix[4]arenes. <i>Tetrahedron Letters</i> , <b>1999</b> , 40, 5949-5952	2	33
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11	Conformational folding induced by $\pi$ -Interaction in a series of flexible dyads consisting of isomeric mesoporphyrin nitrobenzyl esters. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1996</b> , 997-1004		3
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