

Vladimír Král

List of Publications by Year in descending order

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38742

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48315

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301
all docs

301
docs citations

301
times ranked

8498
citing authors

#	ARTICLE	IF	CITATIONS
1	Calix[4]pyrroles: An Old Yet New Anion-Binding Agents. <i>Journal of the American Chemical Society</i> , 1996, 118, 5140-5141.	13.7	727
2	Crystal Structure of Constitutive Endothelial Nitric Oxide Synthase. <i>Cell</i> , 1998, 95, 939-950.	28.9	636
3	Calixpyrroles. <i>Chemical Communications</i> , 1998, , 1-8.	4.1	377
4	From nonpeptide toward noncarbon protease inhibitors: Metallacarboranes as specific and potent inhibitors of HIV protease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15394-15399.	7.1	279
5	Therapeutic application of peptides and proteins: parenteral forever?. <i>Trends in Biotechnology</i> , 2009, 27, 628-635.	9.3	279
6	Protonated Sapphyrins. Highly Effective Phosphate Receptors. <i>Journal of the American Chemical Society</i> , 1996, 118, 1595-1607.	13.7	154
7	Application of cyclodextrins in chiral capillary electrophoresis. <i>Electrophoresis</i> , 2014, 35, 2701-2721.	2.4	141
8	Calixphyrins. Hybrid macrocycles at the structural crossroads between porphyrins and calixpyrroles. <i>Pure and Applied Chemistry</i> , 2001, 73, 1041-1057.	1.9	139
9	Design of HIV Protease Inhibitors Based on Inorganic Polyhedral Metallacarboranes. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 7132-7141.	6.4	132
10	Application of gold nanoparticles in separation sciences. <i>Journal of Separation Science</i> , 2010, 33, 372-387.	2.5	118
11	Anion binding: A new direction in porphyrin-related research. <i>Pure and Applied Chemistry</i> , 1993, 65, 393-398.	1.9	117
12	Porphyrin-Cyclodextrin Conjugates as a Nanosystem for Versatile Drug Delivery and Multimodal Cancer Therapy. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 128-138.	6.4	117
13	Calixphyrins: Novel Macrocycles at the Intersection between Porphyrins and Calixpyrroles. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1055-1058.	13.8	107
14	Synthesis of Novel Expanded Calixphyrins: Anion Binding Properties of a Calix[6]phyrin with a Deep Cavity. <i>Journal of the American Chemical Society</i> , 2001, 123, 2099-2100.	13.7	106
15	Molecular Assembly of Metallacarboranes in Water: Light Scattering and Microscopy Study. <i>Langmuir</i> , 2006, 22, 575-581.	3.5	106
16	Chiral Recognition of Dicarboxylate Anions by Sapphyrin-Based Receptors. <i>Journal of the American Chemical Society</i> , 1997, 119, 9385-9392.	13.7	102
17	Molecular recognition via base-pairing and phosphate chelation. Ditopic and tritopic sapphyrin-based receptors for the recognition and transport of nucleotide monophosphates. <i>Tetrahedron</i> , 1995, 51, 539-554.	1.9	100
18	Current Tröger's Base Chemistry. <i>Advances in Heterocyclic Chemistry</i> , 2007, 93, 1-56.	1.7	98

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19	Functionalized calix[4]pyrroles. <i>Pure and Applied Chemistry</i> , 1998, 70, 2401-2408.	1.9	92
20	Interaction of Sapphyrin with Phosphorylated Species of Biological Interest. <i>Journal of the American Chemical Society</i> , 1996, 118, 1608-1616.	13.7	91
21	Inorganic Polyhedral Metallacarborane Inhibitors of HIV Protease: A New Approach to Overcoming Antiviral Resistance. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4839-4843.	6.4	90
22	Gold and silver nanoparticles for biomolecule immobilization and enzymatic catalysis. <i>Nanoscale Research Letters</i> , 2012, 7, 287.	5.7	90
23	Träger's Base Derivatives – New Life for Old Compounds. <i>Supramolecular Chemistry</i> , 2005, 17, 347-367.	1.2	89
24	Calix[4]pyridine: a new arrival in the heterocalixarene family. <i>Chemical Communications</i> , 1998, , 9-10.	4.1	87
25	Identification of intramolecular hydrogen bonds as the origin of malfunctioning of multitopic receptors. <i>Journal of Molecular Structure</i> , 2013, 1035, 124-128.	3.6	87
26	Vibrational Circular Dichroism of 1,1'-Binaphthyl Derivatives: An Experimental and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2001, 105, 8931-8938.	2.5	84
27	Synthetic sapphyrin-cytosine conjugates: carriers for selective nucleotide transport at neutral pH.. <i>Journal of the American Chemical Society</i> , 1992, 114, 8704-8705.	13.7	83
28	A Covalently Linked Sapphyrin Dimer. A New Receptor for Dicarboxylate Anions. <i>Journal of the American Chemical Society</i> , 1995, 117, 2953-2954.	13.7	79
29	Novel Porphyrin-Cryptand Cyclic Systems: Receptors for Saccharide Recognition in Water. <i>Organic Letters</i> , 2001, 3, 873-876.	4.6	79
30	Lanthanide complexes as fluorescent indicators for neutral sugars and cancer biomarkers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 9756-9760.	7.1	78
31	Interaction of novel cationic meso-tetraphenylporphyrins in the ground and excited states with DNA and nucleotides. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 933-941.	1.3	77
32	Recent advances in mixed-mode chromatographic stationary phases. <i>Journal of Separation Science</i> , 2019, 42, 89-129.	2.5	77
33	Molecular Recognition at an Organic-Aqueous Interface: Heterocalixarenes as Anion Binding Agents in Liquid Polymeric Membrane Ion-Selective Electrodes. <i>Journal of the American Chemical Society</i> , 1999, 121, 8771-8775.	13.7	75
34	Novel Synthesis of Hybrid Calixpyrin Macrocycles. <i>Organic Letters</i> , 2000, 2, 3103-3106.	4.6	72
35	Oligo Träger's bases – new molecular scaffolds. <i>Chemical Society Reviews</i> , 2012, 41, 3839.	38.1	72
36	Missing-Link Macrocycles: Hybrid Heterocalixarene Analogues Formed from Several Different Building Blocks. <i>Chemistry - A European Journal</i> , 2002, 8, 1134.	3.3	66

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37	Water soluble sapphyrins: potential fluorescent phosphate anion sensors. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 4113-4123.	2.8	64
38	Glycol Porphyrin Derivatives as Potent Photodynamic Inducers of Apoptosis in Tumor Cells. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 5964-5973.	6.4	64
39	1,1â€²-Binaphthyl-Substituted Macrocycles as Receptors for Saccharide Recognition. <i>Chemistry - A European Journal</i> , 2002, 8, 655-663.	3.3	63
40	Phosphate recognition by sapphyrin. A new approach to DNA binding. <i>Journal of the American Chemical Society</i> , 1993, 115, 11022-11023.	13.7	62
41	Phosphate anion chelation and base-pairing. Design of receptors and carriers for nucleotides and nucleotide analogues. <i>Supramolecular Chemistry</i> , 1993, 1, 209-220.	1.2	62
42	Synthesis and Biocalization of Water-Soluble Sapphyrins. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 1073-1078.	6.4	62
43	First synthesis of an expanded calixpyrrole. <i>Tetrahedron Letters</i> , 1997, 38, 8443-8444.	1.4	61
44	Cytosine substituted calix[4]pyrroles: Neutral receptors for 5'-guanosine monophosphate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 4848-4853.	7.1	61
45	p38 MAPK plays an essential role in apoptosis induced by photoactivation of a novel ethylene glycol porphyrin derivative. <i>Oncogene</i> , 2008, 27, 3010-3020.	5.9	61
46	Optical sensing of sulfate by polymethinium salt receptors: colorimetric sensor for heparin. <i>Chemical Communications</i> , 2008, , 1901.	4.1	61
47	Influence of the Chemical Structure on the Stability and Conductance of Porphyrin Singleâ€Molecule Junctions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11223-11226.	13.8	56
48	Picosecond Dynamics of Energy Transfer in Porphyrinâ€™Sapphyrin Noncovalent Assemblies. <i>Journal of the American Chemical Society</i> , 1999, 121, 2281-2289.	13.7	53
49	Ion-selective electrodes: polyaniline modification and anion recognition. <i>Analytica Chimica Acta</i> , 2005, 553, 160-168.	5.4	53
50	Cytocompatibility of Ar+ plasma treated and Au nanoparticle-grafted PE. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2009, 267, 1904-1910.	1.4	53
51	Calix[4]phyrins. Effect of Peripheral Substituents on Conformational Mobility and Structure within a Series of Related Systems. <i>Journal of the American Chemical Society</i> , 2004, 126, 13714-13722.	13.7	52
52	Vibrational circular dichroism of tetraphenylporphyrin in peptide complexes? A computational study. , 2000, 12, 191-198.		51
53	Molecular recognition of anionic species by silica gel bound sapphyrin. <i>Journal of the American Chemical Society</i> , 1994, 116, 2663-2664.	13.7	50
54	Modified porphyrinâ€™brucine conjugated to gold nanoparticles and their application in photodynamic therapy. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3202.	2.8	49

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55	Synthesis and biological activity evaluation of hydrazone derivatives based on a Tröger's base skeleton. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1651-1659.	3.0	49
56	Expanded porphyrins. Synthetic materials with potential medical utility. <i>Pure and Applied Chemistry</i> , 1999, 71, 2009-2018.	1.9	48
57	Steroid-porphyrin conjugate for saccharide sensing in protic media. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 3458-3463.	2.8	48
58	Porphyrin-bile acid conjugates: from saccharide recognition in the solution to the selective cancer cell fluorescence detection. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1548.	2.8	48
59	pH-Controlled Self-Assembling of <i>meso</i> -Tetrakis(4-sulfonatophenyl)porphyrin-Chitosan Complexes. <i>Biomacromolecules</i> , 2009, 10, 1067-1076.	5.4	48
60	Anion-Controlled Assembly of Porphyrin-Bicyclic Guanidine Conjugates. <i>Organic Letters</i> , 2002, 4, 51-54.	4.6	46
61	A Noncovalent Assembly for Energy Transfer Based on Anion Chelation. <i>Journal of the American Chemical Society</i> , 1995, 117, 8881-8882.	13.7	45
62	Noncovalent interactions of peptides with porphyrins in aqueous solution: Conformational study using vibrational CD spectroscopy. <i>Biopolymers</i> , 2001, 60, 307-316.	2.4	45
63	Preprogramming of Porphyrin-Nucleic Acid Assemblies via Variation of the Alkyl/Aryl Substituents of Phosphonium Tetratolylporphyrins. <i>Journal of Physical Chemistry B</i> , 2002, 106, 6784-6792.	2.6	45
64	Optical sensing system for ATP using porphyrin-alkaloid conjugates. <i>Chemical Communications</i> , 2006, 1533.	4.1	45
65	On the Solubility and Lipophilicity of Metallacarborane Pharmacophores. <i>Molecular Pharmaceutics</i> , 2013, 10, 1751-1759.	4.6	45
66	Sapphyrin-Oligonucleotide Conjugates. Novel Sequence-Specific DNA Photomodifying Agents with Increased Binding Affinity. <i>Journal of the American Chemical Society</i> , 1996, 118, 12322-12330.	13.7	44
67	Metal coordination as a tool for controlling the self-assembling and gelation properties of novel type cholic amide-phenanthroline gelating agent. <i>Tetrahedron</i> , 2003, 59, 4069-4076.	1.9	44
68	Influence of surface and finite size effects on the structural and magnetic properties of nanocrystalline lanthanum strontium perovskite manganites. <i>Journal of Solid State Chemistry</i> , 2013, 204, 373-379.	2.9	44
69	Novel Porphyrin Conjugates with a Potent Photodynamic Antitumor Effect: Differential Efficacy of Mono- and Bis- β -cyclodextrin Derivatives In Vitro and In Vivo. <i>Photochemistry and Photobiology</i> , 2006, 82, 432.	2.5	43
70	Regiospecific nucleophilic substitution in 2,3,4,5,6-pentafluorobiphenyl as model compound for supramolecular systems. Theoretical study of transition states and energy profiles, evidence for tetrahedral SN2 mechanism. <i>Journal of Fluorine Chemistry</i> , 2010, 131, 1327-1337.	1.7	43
71	Citrate selectivity of poly(neutral red) electropolymerized films. <i>Analytica Chimica Acta</i> , 2004, 511, 197-205.	5.4	42
72	Supramolecular chirality of cysteine modified silver nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 374, 77-83.	4.7	42

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73	Caffeine-hydrazones as anticancer agents with pronounced selectivity toward T-lymphoblastic leukaemia cells. <i>Bioorganic Chemistry</i> , 2015, 60, 19-29.	4.1	42
74	Synthesis and Characterization of a Tripyrrane-Copper(II) Complex. <i>Inorganic Chemistry</i> , 1996, 35, 6636-6637.	4.0	41
75	Preparation of Candesartan and Atorvastatin Nanoparticles by Solvent Evaporation. <i>Molecules</i> , 2012, 17, 13221-13234.	3.8	41
76	Deposition of gold nano-particles and nano-layers on polyethylene modified by plasma discharge and chemical treatment. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2009, 267, 2484-2488.	1.4	40
77	One-Pot Reaction as an Efficient Method for Rigid Molecular Tweezers. <i>Organic Letters</i> , 2008, 10, 4767-4769.	4.6	39
78	Aluminium(III) sensing by pyridoxal hydrazone utilising the chelation enhanced fluorescence effect. <i>Journal of Luminescence</i> , 2016, 180, 269-277.	3.1	39
79	Strategy for improved therapeutic efficiency of curcumin in the treatment of gastric cancer. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109278.	5.6	39
80	Synthesis of Functional meso-Aryl Porphomonomethenes and Porphodimethenes: Application to the Preparation of a Chiral Calix[4]phyrin Dimer. <i>Journal of Organic Chemistry</i> , 2004, 69, 8140-8143.	3.2	38
81	Tetraphenylporphyrin-cobalt(III) Bis(1,2-dicarbollide) Conjugates: From the Solution Characteristics to Inhibition of HIV Protease. <i>Journal of Physical Chemistry B</i> , 2007, 111, 4539-4546.	2.6	38
82	Photoinduced electron transfer within porphyrin-cyclodextrin conjugates. <i>Tetrahedron Letters</i> , 2002, 43, 4919-4922.	1.4	36
83	Potentiometric response and mechanism of anionic recognition of heterocalixarene-based ion selective electrodes. <i>Analytica Chimica Acta</i> , 2007, 587, 247-253.	5.4	36
84	Synthesis of novel porphyrin-based bis(calix[4]arenes). <i>Tetrahedron Letters</i> , 1999, 40, 5949-5952.	1.4	35
85	Long-range assemblies on poly(dG-dC) ₂ and poly(dA-dT) ₂ . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2000, 57, 51-59.	3.8	35
86	Porphyrin phosphonates: novel anionic receptors for saccharide recognition. <i>Tetrahedron Letters</i> , 2000, 41, 10147-10151.	1.4	34
87	Interaction of meso-tetrakis(4-sulphonatophenyl)porphine with chitosan in aqueous solutions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 225-235.	3.9	34
88	A change in nucleotide selectivity pattern of porphyrin derivatives after immobilization on gold nanoparticles. <i>Tetrahedron Letters</i> , 2008, 49, 6448-6453.	1.4	34
89	Temoporfin-loaded 1-tetradecanol-based thermoresponsive solid lipid nanoparticles for photodynamic therapy. <i>Journal of Controlled Release</i> , 2016, 241, 34-44.	9.9	33
90	Anion Selectivity of a Sapphyrin-Modified Silica Gel HPLC Support. <i>Analytical Chemistry</i> , 1998, 70, 2516-2522.	6.5	32

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91	Hydrogels based on low-methoxyl amidated citrus pectin and flaxseed gum formulated with tripeptide glycyl-L-histidyl-L-lysine improve the healing of experimental cutting wounds in rats. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 3156-3168.	7.5	32
92	Novel macrocycles with 1,1'-binaphthyl substituents for the recognition of saccharides. <i>Chemical Communications</i> , 1999, , 2367-2368.	4.1	31
93	Regio- and Stereoselectivity in Preparation of Benzene Bridged Bis- and Tris-Tröger's Bases. <i>Collection of Czechoslovak Chemical Communications</i> , 2002, 67, 609-621.	1.0	31
94	Open-tubular capillary electrochromatography with bare gold nanoparticles-based stationary phase applied to separation of trypsin digested native and glycosylated proteins. <i>Journal of Separation Science</i> , 2012, 35, 994-1002.	2.5	31
95	New texaphyrin-type expanded porphyrins. <i>Pure and Applied Chemistry</i> , 1996, 68, 1291-1295.	1.9	30
96	Green Chemistry for Preparation of Oligopyrrole Macrocycles Precursors: Novel Methodology for Dipyrromethanes and Tripyrromethanes Synthesis in Water. <i>Collection of Czechoslovak Chemical Communications</i> , 2004, 69, 1126-1136.	1.0	30
97	Investigation of new acyloxy derivatives of cholic acid and their esters as drug absorption modifiers. <i>Steroids</i> , 2011, 76, 1082-1097.	1.8	30
98	Novel Cationic Transport Agents for Oligonucleotide Delivery into Primary Leukemic Cells. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 2049-2056.	6.4	29
99	Coordination conjugates of therapeutic proteins with drug carriers: A new approach for versatile advanced drug delivery. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 5514-5520.	2.2	29
100	Mapping the active site polarity in structures of endothelial nitric oxide synthase heme domain complexed with isothioureas. <i>Journal of Inorganic Biochemistry</i> , 2000, 81, 133-139.	3.5	28
101	Novel Deep Cavity Calix[4]pyrroles Derived from Steroidal Ketones. <i>Supramolecular Chemistry</i> , 2002, 14, 237-244.	1.2	28
102	New chiral porphyrin-brucine gelator characterized by methods of circular dichroism. <i>Tetrahedron</i> , 2005, 61, 5499-5506.	1.9	28
103	Synthetic Routes to Linear Oligo-Tröger's Bases. <i>Organic Letters</i> , 2005, 7, 67-70.	4.6	27
104	Solubilization and deaggregation of cobalt bis(dicarbollide) derivatives in water by biocompatible excipients. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 1045-1048.	2.2	27
105	Synthesis of silica particles and their application as supports for alcohol dehydrogenases and cofactor immobilizations: Conformational changes that lead to switch in enzyme stereoselectivity. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012, 1824, 792-801.	2.3	27
106	Rational Design of Chemical Ligands for Selective Mitochondrial Targeting. <i>Bioconjugate Chemistry</i> , 2013, 24, 1445-1454.	3.6	27
107	Water soluble chromone Schiff base derivatives as fluorescence receptor for aluminium(III). <i>Supramolecular Chemistry</i> , 2017, 29, 1-7.	1.2	27
108	Porphyrins covalently bound to polystyrene II. an efficient model of monooxygenase reactivity. <i>Journal of Molecular Catalysis A</i> , 1997, 118, 63-68.	4.8	26

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109	Overcoming Regioselectivity Issues Inherent in Bis-TrĀger's Base Preparation. <i>Organic Letters</i> , 2006, 8, 4867-4870.	4.6	26
110	TrĀger's base scaffold in racemic and chiral fashion as a spacer for bisdistamycin formation. Synthesis and DNA binding study. <i>Tetrahedron</i> , 2006, 62, 8591-8600.	1.9	26
111	Application of bare gold nanoparticles in open-tubular CEC separations of polyaromatic hydrocarbons and peptides. <i>Journal of Separation Science</i> , 2012, 35, 73-78.	2.5	26
112	Interleukin-6: a molecule with complex biological impact in cancer. <i>Histology and Histopathology</i> , 2019, 34, 125-136.	0.7	26
113	Interactions between expanded porphyrins and nucleic acids. <i>Pure and Applied Chemistry</i> , 1994, 66, 845-850.	1.9	25
114	Polytetrafluorethylene-Au as a substrate for surface-enhanced Raman spectroscopy. <i>Nanoscale Research Letters</i> , 2011, 6, 366.	5.7	25
115	calix-Tris-TrĀger's bases – a new cavitand family. <i>Chemical Communications</i> , 2007, , 3835.	4.1	24
116	Cyclodextrin modified gold nanoparticles-based open-tubular capillary electrochromatographic separations of polyaromatic hydrocarbons. <i>Journal of Nanoparticle Research</i> , 2011, 13, 5947-5957.	1.9	24
117	SPECTROSCOPY AND PHOTSENSITIZATION OF SAPPHYRINS IN SOLUTIONS AND BIOLOGICAL MEMBRANES. <i>Photochemistry and Photobiology</i> , 1994, 60, 421-426.	2.5	22
118	Formation of Porphyrin- and Sapphyrin-Containing Monolayers on Electrochemically Prepared Gold Substrates: A FT Raman Spectroscopic Study. <i>Langmuir</i> , 2002, 18, 6896-6906.	3.5	22
119	Sulfoniumcalixpyrrole: the decoration of a calix[4]pyrrole host with positive charges boosts affinity and selectivity of anion binding in DMSO solvent. <i>New Journal of Chemistry</i> , 2007, 31, 703-710.	2.8	22
120	Formation and temperature stability of G-quadruplex structures studied by electronic and vibrational circular dichroism spectroscopy combined with ab initio calculations. <i>Biopolymers</i> , 2008, 89, 144-152.	2.4	22
121	Pentamethinium fluorescent probes: The impact of molecular structure on photophysical properties and subcellular localization. <i>Dyes and Pigments</i> , 2014, 107, 51-59.	3.7	22
122	Novel heterocyclic TrĀger's base derivatives containing N-methylpyrrole units. <i>Tetrahedron Letters</i> , 2003, 44, 2083-2086.	1.4	21
123	A Supramolecular Approach to Protein Labeling. A Novel Fluorescent Bioassay for Concanavalin A Activity. <i>Organic Letters</i> , 2004, 6, 1373-1376.	4.6	21
124	Halide Anion Mediated Dimerization of a <i>meso</i> -Unsubstituted <i>N</i> -Confused Porphyrin. <i>Chemistry - an Asian Journal</i> , 2008, 3, 592-599.	3.3	21
125	The chemometric analysis of UV-visible spectra as a new approach to the study of the NaCl influence on aggregation of cysteine-capped gold nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 364, 94-98.	4.7	21
126	New propanoyloxy derivatives of 5 β -cholan-24-oic acid as drug absorption modifiers. <i>Steroids</i> , 2013, 78, 435-453.	1.8	21

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127	Arylmethylenemalondehydes and their heterocyclic analogues: A novel group of organic lewis acids. <i>Tetrahedron Letters</i> , 1982, 23, 1725-1726.	1.4	20
128	Interactions of cyclodextrins with aromatic compounds studied by vibrational circular dichroism spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2002, 58, 2983-2989.	3.9	20
129	Capillary electrochromatographic separation of aromatic amino acids possessing peptides using porphyrin derivatives as the inner wall modifiers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 770, 155-163.	2.3	20
130	Monoprotonated Sapphyrin ²⁻ Pertechnetate Anion Interactions in Aqueous Media. <i>Supramolecular Chemistry</i> , 2004, 16, 91-100.	1.2	20
131	Selective recognition of a saccharide-type tumor marker with natural and synthetic ligands: a new trend in cancer diagnosis. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1865-1870.	3.7	20
132	Spiro Tröger TM s Base Derivatives: Another Structural Phoenix?. <i>Organic Letters</i> , 2010, 12, 1872-1875.	4.6	20
133	Cobalt bis(dicarbollide) derivatives: Solubilization and self-assembly suppression. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1140-1146.	5.5	20
134	Metallomics for Alzheimer's disease treatment: Use of new generation of chelators combining metal-cation binding and transport properties. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 140-155.	5.5	20
135	Separation of Mono-, Di-, and Triphosphate Nucleotides by Cytosine Substituted, Silica-Bound Sapphyrin Solid Supports. <i>Supramolecular Chemistry</i> , 1996, 8, 45-52.	1.2	19
136	Polyhydroxylated Sapphyrins: Multisite Non-metallic Catalysts for Activated Phosphodiester Hydrolysis. <i>Journal of the American Chemical Society</i> , 2006, 128, 432-437.	13.7	19
137	Nitric Oxide Synthases Activation and Inhibition by Metallocarborane-Cluster-Based Isoform-Specific Affectors. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9541-9548.	6.4	19
138	Protonated rubyrin and C-Tips: Co-carriers for the transport of guanosine 5'-monophosphate at neutral pH. <i>Supramolecular Chemistry</i> , 1993, 3, 5-8.	1.2	18
139	Enhanced DNA photocleavage and binding properties of sapphyrin-polyamine conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997, 7, 1433-1436.	2.2	18
140	Primary Investigation of the Preparation of Nanoparticles by Precipitation. <i>Molecules</i> , 2012, 17, 11067-11078.	3.8	18
141	Silica-based nanoparticles are efficient delivery systems for temoporfin. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 21, 275-284.	2.6	18
142	Preparation of the enantiomers of an N-methylpyrrole analogue of Tröger TM s base. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 1969-1974.	1.8	17
143	Three-fold polyfluoroalkylated amines and isocyanates based on tris(hydroxymethyl)aminomethane (TRIS). <i>Journal of Fluorine Chemistry</i> , 2007, 128, 179-183.	1.7	17
144	Synthesis of Highly Functionalized Fluorinated Porphyrins. <i>Supramolecular Chemistry</i> , 2008, 20, 237-242.	1.2	17

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145	Impact of substituent position in monosubstituted β -cyclodextrins on enantioselectivity in capillary electrophoresis. <i>Journal of Separation Science</i> , 2012, 35, 811-815.	2.5	17
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