

Vladimír Král

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/16567/publications.pdf>

Version: 2024-02-01

277
papers

10,240
citations

38742

50
h-index

48315

88
g-index

301
all docs

301
docs citations

301
times ranked

8498
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly selective mitochondrial probes based on fluorinated pentamethinium salts: On two-photon properties and microscopic applications. <i>Dyes and Pigments</i> , 2020, 172, 107802.	3.7	5
2	Coumarin Tröger's base derivatives with cyanine substitution as selective and sensitive fluorescent lysosomal probes. <i>Bioorganic Chemistry</i> , 2020, 94, 103447.	4.1	5
3	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
4	Analysis of Chondroitin/Dermatan Sulphate Disaccharides Using High-Performance Liquid Chromatography. <i>Separations</i> , 2020, 7, 49.	2.4	1
5	Influence of fluorophore and linker length on the localization and trafficking of fluorescent sterol probes. <i>Scientific Reports</i> , 2020, 10, 22053.	3.3	9
6	Recent advances in mixed-mode chromatographic stationary phases. <i>Journal of Separation Science</i> , 2019, 42, 89-129.	2.5	77
7	Strategy for improved therapeutic efficiency of curcumin in the treatment of gastric cancer. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109278.	5.6	39
8	Potentiometric Electronic Tongue for Taste Assessment of Ibuprofen Based Pharmaceuticals. <i>Electroanalysis</i> , 2019, 31, 2024-2031.	2.9	4
9	A Cyclic Pentamethinium Salt Induces Cancer Cell Cytotoxicity through Mitochondrial Disintegration and Metabolic Collapse. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4208.	4.1	7
10	Hydrazones as novel epigenetic modulators: Correlation between TET 1 protein inhibition activity and their iron(II) binding ability. <i>Bioorganic Chemistry</i> , 2019, 88, 102809.	4.1	13
11	Benzoisothiazole-1,1-dioxide-based synthetic receptor for zinc ion recognition in aqueous medium and its interaction with nucleic acids. <i>Supramolecular Chemistry</i> , 2019, 31, 19-27.	1.2	8
12	Molecular frameworks of polymerized 3-aminobenzoic acid for chemical modification and electrochemical recognition. <i>Journal of Electroanalytical Chemistry</i> , 2019, 832, 321-328.	3.8	6
13	Pentamethinium salts as ligands for cancer: Sulfated polysaccharide co-receptors as possible therapeutic target. <i>Bioorganic Chemistry</i> , 2019, 82, 74-85.	4.1	7
14	Interleukin-6: a molecule with complex biological impact in cancer. <i>Histology and Histopathology</i> , 2019, 34, 125-136.	0.7	26
15	Pigments from Filamentous Ascomycetes for Combination Therapy. <i>Current Medicinal Chemistry</i> , 2019, 26, 3812-3834.	2.4	0
16	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
17	Epigenetic agents in combined anticancer therapy. <i>Future Medicinal Chemistry</i> , 2018, 10, 1113-1130.	2.3	16
18	Voltammetric Detection of Catecholamine Metabolites Using Tröger's Base Modified Electrode. <i>Electroanalysis</i> , 2018, 30, 734-739.	2.9	11

#	ARTICLE	IF	CITATIONS
19	Silica-based nanoparticles are efficient delivery systems for temoporfin. Photodiagnosis and Photodynamic Therapy, 2018, 21, 275-284.	2.6	18
20	Perimidine-based synthetic receptors for determination of copper(II) in water solution. Supramolecular Chemistry, 2018, 30, 218-226.	1.2	11
21	Heterocyclic sterol probes for live monitoring of sterol trafficking and lysosomal storage disorders. Scientific Reports, 2018, 8, 14428.	3.3	10
22	Enantioseparation of novel psychoactive chiral amines and their mixture by capillary electrophoresis using cyclodextrins as chiral selectors. Chemical Papers, 2018, 72, 2737-2743.	2.2	15
23	Water soluble chromone Schiff base derivatives as fluorescence receptor for aluminium(III). Supramolecular Chemistry, 2017, 29, 1-7.	1.2	27
24	Self-assembled chitosan-alginate polyplex nanoparticles containing temoporfin. Colloid and Polymer Science, 2017, 295, 1259-1270.	2.1	14
25	Optical probes and sensors as perspective tools in epigenetics. Bioorganic and Medicinal Chemistry, 2017, 25, 2295-2306.	3.0	3
26	Methinium colorimetric sensors for the determination of cholesterol sulfate in an aqueous medium. Sensors and Actuators B: Chemical, 2017, 245, 1032-1038.	7.8	4
27	Immobilized strychnine as a new chiral stationary phase for HPLC. Electrophoresis, 2017, 38, 1956-1963.	2.4	6
28	Amino-substituted Tröger's base: electrochemical polymerization and characterization of the polymer film. Electrochimica Acta, 2017, 224, 439-445.	5.2	7
29	Dimethinium Heteroaromatic Salts as Building Blocks for Dual-Fluorescence Intracellular Probes. ChemPhotoChem, 2017, 1, 442-450.	3.0	2
30	Separation of oligopeptides, nucleobases, nucleosides and nucleotides using capillary electrophoresis/electrochromatography with sol-gel modified inner capillary wall. Journal of Chromatography A, 2017, 1517, 185-194.	3.7	13
31	Influence of substituent position and cavity size of the regioisomers of monocarboxymethyl- β - and γ -cyclodextrins on the apparent stability constants of their complexes with both enantiomers of Tröger's base. Journal of Separation Science, 2016, 39, 980-985.	2.5	15
32	Synthesis and deposition of a Tröger's base polymer on the electrode surface for potentiometric detection of a neuroblastoma tumor marker metabolite. Chemical Communications, 2016, 52, 11991-11994.	4.1	10
33	Double stimuli-responsive polymer systems: How to use crosstalk between pH- and thermosensitivity for drug depots. European Polymer Journal, 2016, 84, 54-64.	5.4	14
34	Bowl-shaped Tröger's bases and their recognition properties. Chemical Communications, 2016, 52, 10664-10667.	4.1	13
35	Aluminium(III) sensing by pyridoxal hydrazone utilising the chelation enhanced fluorescence effect. Journal of Luminescence, 2016, 180, 269-277.	3.1	39
36	Temoporfin-loaded 1-tetradecanol-based thermoresponsive solid lipid nanoparticles for photodynamic therapy. Journal of Controlled Release, 2016, 241, 34-44.	9.9	33

#	ARTICLE	IF	CITATIONS
37	Specific ligands based on Tröger's base derivatives for the recognition of glycosaminoglycans. <i>Dyes and Pigments</i> , 2016, 134, 212-218.	3.7	10
38	Large scale preparation of up-converting YF3:YbEr nanocrystals with various sizes by solvothermal syntheses using ionic liquid bmimCl. <i>Journal of Fluorine Chemistry</i> , 2016, 188, 14-17.	1.7	4
39	Nanoparticles functionalized with phenylboronic acid for the potentiometric detection of saccharides. <i>Journal of Electroanalytical Chemistry</i> , 2016, 761, 106-111.	3.8	12
40	Smart Design for Potentiometric Detection. <i>Electroanalysis</i> , 2015, 27, 713-719.	2.9	2
41	Striking Antitumor Activity of a Methinium System with Incorporated Quinoxaline Unit Obtained by Spontaneous Cyclization. <i>ChemBioChem</i> , 2015, 16, 555-558.	2.6	8
42	Tunable rapid microwave synthesis of up-converting hexagonal NaYxGdyYbzEr(1-x-y-z)F4 nanocrystals in large quantity. <i>Journal of Fluorine Chemistry</i> , 2015, 178, 56-60.	1.7	9
43	New method for recognition of sterol signalling molecules: Methinium salts as receptors for sulphated steroids. <i>Steroids</i> , 2015, 94, 15-20.	1.8	7
44	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
45	Caffeine-hydrazone derivatives as anticancer agents with pronounced selectivity toward T-lymphoblastic leukaemia cells. <i>Bioorganic Chemistry</i> , 2015, 60, 19-29.	4.1	42
46	Design, Synthesis, Selective Recognition Properties and Targeted Drug Delivery Application. <i>Handbook of Porphyrin Science</i> , 2014, , 1-75.	0.8	3
47	Application of polyaniline for potentiometric recognition of salicylate and its analogues. <i>Electrochimica Acta</i> , 2014, 115, 553-558.	5.2	10
48	Synthesis of Unsymmetrical Tröger's Bases Bearing Groups Sensitive to Reduction. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2798-2805.	2.4	6
49	Phenylboronic Acid-Gold Nanoparticles for Potentiometric Detection of Saccharides. <i>Electroanalysis</i> , 2014, 26, 679-681.	2.9	3
50	Application of cyclodextrins in chiral capillary electrophoresis. <i>Electrophoresis</i> , 2014, 35, 2701-2721.	2.4	141
51	Characterization of novel metallacarborane-based sorbents by linear solvation energy relationships. <i>Journal of Chromatography A</i> , 2014, 1371, 220-226.	3.7	6
52	The influence of the substituent position in monocarboxymethyl- β -cyclodextrins on enantioselectivity in capillary electrophoresis. <i>Journal of Separation Science</i> , 2014, 37, 2779-2784.	2.5	9
53	Preparation and Enantioselectivity Binding Studies of a New Chiral Cobalt(II)porphyrin-Tröger's Base Conjugate. <i>Chirality</i> , 2014, 26, 361-367.	2.6	7
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	Spectrometric determination of l-cysteine and its enantiomeric purity using silver nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 436, 961-966.	4.7	16
57	New polyfluorothiopropanoyloxy derivatives of 5 β -cholan-24-oic acid designed as drug absorption modifiers. <i>Steroids</i> , 2013, 78, 832-844.	1.8	15
58	Nonaqueous Capillary Electrophoretic Enantioseparation of Water Insoluble Tröger's Base Derivatives Using β -Cyclodextrin as Chiral Selector. <i>Chirality</i> , 2013, 25, 810-813.	2.6	10
59	Rational Design of Chemical Ligands for Selective Mitochondrial Targeting. <i>Bioconjugate Chemistry</i> , 2013, 24, 1445-1454.	3.6	27
60	Synthesis and characterisation of a new naphthalene tris-Tröger's base derivative—a chiral molecular clip. <i>Tetrahedron Letters</i> , 2013, 54, 308-311.	1.4	12
61	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
62	Preparation and luminescent properties of cubic potassium-erbium fluoride nanoparticles. <i>Journal of Fluorine Chemistry</i> , 2013, 156, 363-366.	1.7	6
63	Nano-crystals of various lanthanide fluorides prepared using the ionic liquid bmimPF ₆ . <i>Journal of Fluorine Chemistry</i> , 2013, 149, 13-17.	1.7	12
64	On the Solubility and Lipophilicity of Metallacarborane Pharmacophores. <i>Molecular Pharmaceutics</i> , 2013, 10, 1751-1759.	4.6	45
65	Study of receptor mediated selective anion transmembrane transport using parallel artificial membrane permeability assay. <i>Analyst</i> , The, 2013, 138, 2804.	3.5	3
66	Receptor modified gold and silver nanoparticles: effect on interactions with oxoanions. <i>Analyst</i> , The, 2013, 138, 333-338.	3.5	2
67	A novel sorbent for chromatographic separations: A silica matrix modified with non-covalently bonded tetrakis(β -cyclodextrin)-porphyrin conjugates. <i>Journal of Separation Science</i> , 2013, 36, 2072-2080.	2.5	4
68	New propanoyloxy derivatives of 5 β -cholan-24-oic acid as drug absorption modifiers. <i>Steroids</i> , 2013, 78, 435-453.	1.8	21
69	The study of enantioselectivity of all regioisomers of mono-carboxymethyl- β -cyclodextrin used as chiral selectors in $\langle \text{sc} \rangle \text{CE} \langle \text{sc} \rangle$. <i>Journal of Separation Science</i> , 2013, 36, 1270-1274.	2.5	17
70	Enantioseparation of Tröger's Base Derivatives by Capillary Electrophoresis Using Cyclodextrins as Chiral Selectors. <i>Chirality</i> , 2013, 25, 379-383.	2.6	6
71	Ketoreductase activity for reduction of substituted- β -tetralones utilizing aqueous-organic systems and β -cyclodextrin derivatives. <i>Biocatalysis and Biotransformation</i> , 2012, 30, 226-237.	2.0	1
72	Selective formation of either Tröger's base or spiro Tröger's base derivatives from [2-aminoporphyrinato(2-)]nickel by choice of reaction conditions. <i>Tetrahedron Letters</i> , 2012, 53, 6015-6017.	1.4	10

#	ARTICLE	IF	CITATIONS
73	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
74	A new synthetic strategy to prepare throne and calix diastereoisomers of parallel tris-Tröger's bases. <i>Supramolecular Chemistry</i> , 2012, 24, 127-134.	1.2	10
75	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
76	Gold and silver nanoparticles for biomolecule immobilization and enzymatic catalysis. <i>Nanoscale Research Letters</i> , 2012, 7, 287.	5.7	90
77	Supramolecular approach for target transport of photodynamic anticancer agents. <i>Supramolecular Chemistry</i> , 2012, 24, 106-116.	1.2	10
78	Low-Melting Salts Based on a Glycolated Cobalt Bis(dicarbollide) Anion. <i>Inorganic Chemistry</i> , 2012, 51, 4099-4107.	4.0	5
79	Preparation of Candesartan and Atorvastatin Nanoparticles by Solvent Evaporation. <i>Molecules</i> , 2012, 17, 13221-13234.	3.8	41
80	Primary Investigation of the Preparation of Nanoparticles by Precipitation. <i>Molecules</i> , 2012, 17, 11067-11078.	3.8	18
81	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
82	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
83	Oligo Tröger's bases—new molecular scaffolds. <i>Chemical Society Reviews</i> , 2012, 41, 3839.	38.1	72
84	Combination of two chromophores: Synthesis and PDT application of porphyrin-pentamethinium conjugate. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 82-84.	2.2	16
85	Lanthanum trifluoride nanoparticles prepared using ionic liquids. <i>Journal of Fluorine Chemistry</i> , 2012, 135, 358-361.	1.7	15
86	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
87	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, , n/a-n/a.	2.5	0
88	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
89	Crystallization Products of Risedronate with Carbohydrates and Their Substituted Derivatives. <i>Molecules</i> , 2011, 16, 3740-3760.	3.8	8
90	Polytetrafluorethylene-Au as a substrate for surface-enhanced Raman spectroscopy. <i>Nanoscale Research Letters</i> , 2011, 6, 366.	5.7	25

#	ARTICLE	IF	CITATIONS
91	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
92	Important aspects influencing stability of the electrochemical potential of conductive polymer-based electrodes. <i>Journal of Materials Science</i> , 2011, 46, 7594-7602.	3.7	9
93	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
94	Simple one-step preparation of cerium trifluoride nanoparticles. <i>Journal of Fluorine Chemistry</i> , 2011, 132, 298-301.	1.7	13
95	Determination of relative configuration of symmetrical bis-Tröger's base derivatives. <i>Journal of Molecular Structure</i> , 2011, 996, 69-74.	3.6	7
96	Influence of the Chemical Structure on the Stability and Conductance of Porphyrin Single-Molecule Junctions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11223-11226.	13.8	56
97	Immobilized metallocarborane as a new type of stationary phase for high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2011, 1218, 3029-3036.	3.7	11
98	Supramolecular chirality of cysteine modified silver nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 374, 77-83.	4.7	42
99	Cobalt bis(dicarbollide) derivatives: Solubilization and self-assembly suppression. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1140-1146.	5.5	20
100	Selective oxygenation of α -olefins by means of metalloporphyrin catalysts mimicking cytochrome P-450. <i>Collection of Czechoslovak Chemical Communications</i> , 2011, 76, 1163-1175.	1.0	2
101	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
102	Electrochemical and spectroscopic properties of poly-4,4'-dialkoxy-2,2'-bipyrrroles. <i>Journal of Solid State Electrochemistry</i> , 2010, 14, 1035-1044.	2.5	1
103	Application of gold nanoparticles in separation sciences. <i>Journal of Separation Science</i> , 2010, 33, 372-387.	2.5	118
104	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
105	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
106	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
107	Chiral switch of enzymatic ketone reduction by addition of β -cyclodextrin. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 6651-6656.	3.0	11
108	Modified porphyrin-brucine conjugated to gold nanoparticles and their application in photodynamic therapy. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3202.	2.8	49

#	ARTICLE	IF	CITATIONS
109	Spiro Tröger's Base Derivatives: Another Structural Phoenix?. <i>Organic Letters</i> , 2010, 12, 1872-1875.	4.6	20
110	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
111	Influence of polyaniline on the potentiometric determination of risedronate with ion-selective membranes. <i>Analytical Methods</i> , 2010, 2, 1614.	2.7	4
112	Oxoanion binding: a change of selectivity for porphyrin-alkaloid conjugates as a result of substitution pattern. <i>New Journal of Chemistry</i> , 2010, 34, 117-122.	2.8	9
113	Utilization of NIR spectroscopy in candesartan cilexetil stability study. , 2009, , .		0
114	Therapeutic application of peptides and proteins: parenteral forever?. <i>Trends in Biotechnology</i> , 2009, 27, 628-635.	9.3	279
115	A Novel Way to Improve Sulfate Recognition. <i>Electroanalysis</i> , 2009, 21, 2010-2013.	2.9	5
116	Separation of tryptic peptides of native and glycosylated BSA using open-tubular CEC with salophen-lanthanide-Zn ²⁺ complex as stationary phase. <i>Journal of Separation Science</i> , 2009, 32, 3930-3935.	2.5	13
117	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
118	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
119	Enantioseparations of non-benzenoid and oligo-Tröger's bases by HPLC on Whelk O1 column. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1918-1923.	1.8	16
120	pH-Controlled Self-Assembling of <i>meso</i> -Tetrakis(4-sulfonatophenyl)porphyrin-Chitosan Complexes. <i>Biomacromolecules</i> , 2009, 10, 1067-1076.	5.4	48
121	Methyl Gallate as the Framework for the Construction of Fluorous Building Blocks. <i>Synthetic Communications</i> , 2009, 40, 247-256.	2.1	2
122	Bridged bis-Tröger's base molecular tweezers as new cavitand family. <i>Collection of Czechoslovak Chemical Communications</i> , 2009, 74, 1091-1099.	1.0	5
123	Design of HIV Protease Inhibitors Based on Inorganic Polyhedral Metallacarboranes. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 7132-7141.	6.4	132
124	Synthesis of unsymmetric cyanine dye via merocyanine and their interaction with DNA. <i>Collection of Czechoslovak Chemical Communications</i> , 2009, 74, 1081-1090.	1.0	7
125	Electrophilic polyfluoroalkylating agents based on sulfonate esters. <i>Journal of Fluorine Chemistry</i> , 2008, 129, 235-247.	1.7	13
126	¹ H, ¹³ C, ¹⁹ F NMR, and ESI mass spectral characterization of two geminal difluorosteroids. <i>Magnetic Resonance in Chemistry</i> , 2008, 46, 392-397.	1.9	3

#	ARTICLE	IF	CITATIONS
127	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
128	Anomalous adsorptive properties of HIV protease: Indication of two-dimensional crystallization?. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 64, 145-149.	5.0	3
129	Spectroscopic binding studies of novel fluorescent distamycin derivatives. <i>Tetrahedron Letters</i> , 2008, 49, 323-326.	1.4	3
130	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
131	Halide Anion Mediated Dimerization of a <i>meso</i> -Unsubstituted μ -Confused Porphyrin. <i>Chemistry - an Asian Journal</i> , 2008, 3, 592-599.	3.3	21
132	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
133	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
134	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
135	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
136	Optical sensing of sulfate by polymethinium salt receptors: colorimetric sensor for heparin. <i>Chemical Communications</i> , 2008, , 1901.	4.1	61
137	One-Pot Reaction as an Efficient Method for Rigid Molecular Tweezers. <i>Organic Letters</i> , 2008, 10, 4767-4769.	4.6	39
138	Synthesis of Highly Functionalized Fluorinated Porphyrins. <i>Supramolecular Chemistry</i> , 2008, 20, 237-242.	1.2	17
139	Optimization of Poly(neutral red) Coated-wire Electrode for Determination of Citrate in Soft Drinks. <i>Sensors</i> , 2008, 8, 594-606.	3.8	13
140	Nucleoside- and Nucleobase-Substituted Oligopyrrolic Macrocycles. , 2008, , 3216-3233.		0
141	Methodology for Easy Access to Large Sidewall Bis-Tröger's Bases. <i>Collection of Czechoslovak Chemical Communications</i> , 2007, 72, 392-402.	1.0	14
142	calix-Tris-Tröger's bases - a new cavitand family. <i>Chemical Communications</i> , 2007, , 3835.	4.1	24
143	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
144	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

#	ARTICLE	IF	CITATIONS
145	Current Tröger's Base Chemistry. <i>Advances in Heterocyclic Chemistry</i> , 2007, 93, 1-56.	1.7	98
146	Synthesis, Characterization, and Saccharide Binding Studies of Bile Acid α -Porphyrin Conjugates. <i>Molecules</i> , 2007, 12, 13-24.	3.8	12
147	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
148	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
149	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
150	Optical sensing system for ATP using porphyrin-alkaloid conjugates. <i>Chemical Communications</i> , 2006, 1533.	4.1	45
151	Overcoming Regioselectivity Issues Inherent in Bis-Tröger's Base Preparation. <i>Organic Letters</i> , 2006, 8, 4867-4870.	4.6	26
152	Molecular Assembly of Metallocarboranes in Water: Light Scattering and Microscopy Study. <i>Langmuir</i> , 2006, 22, 575-581.	3.5	106
153	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
154	A New Bis-Tröger's Base: Synthesis, Spectroscopy, Crystal Structure and Isomerization. <i>Collection of Czechoslovak Chemical Communications</i> , 2006, 71, 1278-1302.	1.0	16
155	Branched polyfluorinated triflate: An easily available polyfluoroalkylating agent. <i>Journal of Fluorine Chemistry</i> , 2006, 127, 386-390.	1.7	9
156	Tröger'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
157	Interaction of chiral bis-distamycin derivatives with DNAs: electronic circular dichroism study. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 1049-1055.	1.8	1
158	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
159	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
160	Porphyrin Based Affinity Interactions: Analytical Applications with Special Reference to Open Tubular Capillary Electrochromatography. <i>Current Analytical Chemistry</i> , 2005, 1, 103-119.	1.2	10
161	Formation of lanthanide(III) texaphyrin complexes with DNA controlled by the size of the central metal cation. <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 1670-1675.	3.5	8
162	Preparation of the enantiomers of an N-methylpyrrole analogue of Tröger's base. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 1969-1974.	1.8	17

#	ARTICLE	IF	CITATIONS
163	New chiral porphyrin- α -brucine gelator characterized by methods of circular dichroism. <i>Tetrahedron</i> , 2005, 61, 5499-5506.	1.9	28
164	Ion-selective electrodes: polyaniline modification and anion recognition. <i>Analytica Chimica Acta</i> , 2005, 553, 160-168.	5.4	53
165	Tröger's Base Derivatives – New Life for Old Compounds. <i>Supramolecular Chemistry</i> , 2005, 17, 347-367.	1.2	89
166	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
167	Chromophoric Binaphthyl Derivatives. <i>Organic Letters</i> , 2005, 7, 3661-3664.	4.6	9
168	Synthetic Routes to Linear Oligo-Tröger's Bases. <i>Organic Letters</i> , 2005, 7, 67-70.	4.6	27
169	Conformational Transitions of Calixphyrin Derivatives Monitored by Temperature-Dependent NMR Spectroscopy. <i>Ab Initio Interpretation of the Spectra</i> . <i>Journal of Physical Chemistry A</i> , 2005, 109, 5518-5526.	2.5	15
170	Novel Porphyrin-Cholic Acid Conjugates as Receptors for Biologically Important Anions. <i>Supramolecular Chemistry</i> , 2005, 17, 437-441.	1.2	13
171	FT Raman Spectroscopy as a Tool for Characterization of Derivatized Silica Gel Sorbents. <i>Collection of Czechoslovak Chemical Communications</i> , 2005, 70, 168-177.	1.0	0
172	Biodistribution Assessment of a Lutetium(III) Texaphyrin Analogue in Tumor-bearing Mice Using NIR Fourier-transform Raman Spectroscopy. <i>Photochemistry and Photobiology</i> , 2004, 79, 453.	2.5	13
173	Monoprotonated Sapphyrin- α -Pertechnetate Anion Interactions in Aqueous Media. <i>Supramolecular Chemistry</i> , 2004, 16, 91-100.	1.2	20
174	Application of novel metallocomplexes for mimicking of cytochrome P450. <i>Journal of Molecular Catalysis A</i> , 2004, 219, 21-27.	4.8	2
175	Green Chemistry for Preparation of Oligopyrrole Macrocycles Precursors: Novel Methodology for Dipyrromethanes and Tripyrromethanes Synthesis in Water. <i>ChemInform</i> , 2004, 35, no.	0.0	0
176	Biocalisation and photochemical properties of two novel macrocyclic photosensitisers: a spectroscopic study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2004, 74, 73-84.	3.8	13
177	Citrate selectivity of poly(neutral red) electropolymerized films. <i>Analytica Chimica Acta</i> , 2004, 511, 197-205.	5.4	42
178	Cytosine-substituted metalloporphyrins: receptors for recognition of nucleotides in ion-selective electrodes. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1169-1175.	2.8	8
179	Conformational Flexibility of Corey Lactone Derivatives Indicated by Absorption and Vibrational Circular Dichroism Spectra. <i>Journal of Organic Chemistry</i> , 2004, 69, 26-32.	3.2	9
180	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

#	ARTICLE	IF	CITATIONS
181	Calix[4]pyrins. 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
182	Synthesis of Functional meso-Aryl Porphomonomethenes and Porphodimethenes: Application to the Preparation of a Chiral Calix[4]pyrin Dimer. <i>Journal of Organic Chemistry</i> , 2004, 69, 8140-8143.	3.2	38
183	Study of Molecular Recognition of 5,10,15,20-tetrakis(pentafluorophenyl)porphyrin- β -cyclodextrin Conjugate Covalently Immobilized on a Silica Surface. <i>Supramolecular Chemistry</i> , 2004, 16, 529-536.	1.2	10
184	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
185	Synthesis of Porphyrin Receptors Modified by Glycosylated Steroids. <i>Collection of Czechoslovak Chemical Communications</i> , 2004, 69, 1149-1160.	1.0	13
186	Separation of structurally related peptides by open-tubular capillary electrochromatography using (metallo)porphyrins as the adsorbed stationary phase. <i>Journal of Chromatography A</i> , 2003, 1009, 73-80.	3.7	15
187	Novel heterocyclic Tröger's base derivatives containing N-methylpyrrole units. <i>Tetrahedron Letters</i> , 2003, 44, 2083-2086.	1.4	21
188	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
189	Open tubular capillary electrochromatography of underivatized amino acids using Rh(III) tetrakis(phenoxyphenyl)porphyrinate as wall modifier. <i>Journal of Chromatography A</i> , 2003, 990, 159-167.	3.7	12
190	Influencing electroosmotic flow and selectivity in open tubular electrochromatography by tetrakis(pentafluorophenyl)porphyrin as capillary wall modifier. <i>Journal of Chromatography A</i> , 2003, 990, 111-119.	3.7	12
191	Interaction of oligopyrrole macrocycles with aromatic acids: spectroscopical, quantum chemical and chromatographic aspects. <i>Talanta</i> , 2003, 59, 817-829.	5.5	1
192	In vitro interaction of macrocyclic photosensitizers with intact mitochondria: a spectroscopic study. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2003, 1620, 85-96.	2.4	11
193	Novel Cationic Transport Agents for Oligonucleotide Delivery into Primary Leukemic Cells. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 2049-2056.	6.4	29
194	Steroid-porphyrin conjugate for saccharide sensing in protic media. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 3458-3463.	2.8	48
195	Water soluble sapphyrins: potential fluorescent phosphate anion sensors. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 4113-4123.	2.8	64
196	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
197	Synthesis and Biocalization of Water-Soluble Sapphyrins. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 1073-1078.	6.4	62
198	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

#	ARTICLE	IF	CITATIONS
199	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
200	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
201	Anion-Controlled Assembly of Porphyrin~Bicyclic Guanidine Conjugates. <i>Organic Letters</i> , 2002, 4, 51-54.	4.6	46
202	Novel Deep Cavity Calix[4]pyrroles Derived from Steroidal Ketones. <i>Supramolecular Chemistry</i> , 2002, 14, 237-244.	1.2	28
203	1,1'-Binaphthyl-Substituted Macrocycles as Receptors for Saccharide Recognition. <i>Chemistry - A European Journal</i> , 2002, 8, 655-663.	3.3	63
204	Missing-Link Macrocycles: Hybrid Heterocalixarene Analogues Formed from Several Different Building Blocks. <i>Chemistry - A European Journal</i> , 2002, 8, 1134.	3.3	66
205	Capillary electrochromatographic study of sapphyrin-organophosphoric acid derivatives interaction. <i>Electrophoresis</i> , 2002, 23, 237-244.	2.4	4
206	Quaternized brucine as a novel chiral selector. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 2567-2570.	1.8	10
207	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
208	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
209	Capillary electrochromatographic study of the interactions of porphyrin derivatives with amino acids and oligopeptides. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 770, 165-175.	2.3	16
210	Photoinduced electron transfer within porphyrin~cyclodextrin conjugates. <i>Tetrahedron Letters</i> , 2002, 43, 4919-4922.	1.4	36
211	Resonance Raman and UV-Visible Spectroscopic Studies of Water-Soluble Sapphyrin Derivative: Drug Localization in Tumor and Normal Mice Tissues. <i>Applied Spectroscopy</i> , 2001, 55, 142-148.	2.2	11
212	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
213	Novel Porphyrin~Cryptand Cyclic Systems: Receptors for Saccharide Recognition in Water. <i>Organic Letters</i> , 2001, 3, 873-876.	4.6	79
214	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
215	Calixphyrins. Hybrid macrocycles at the structural crossroads between porphyrins and calixpyrroles. <i>Pure and Applied Chemistry</i> , 2001, 73, 1041-1057.	1.9	139
216	Photophysical properties of two novel tetraphenylporphyrins substituted by guanidiniocarbonyl and monocyclic guanidine groups. <i>International Journal of Photoenergy</i> , 2001, 3, 147-151.	2.5	4

#	ARTICLE	IF	CITATIONS
217	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
218	Molecular recognition of amino acid esters in liquid polymeric membrane ion-selective electrodes. <i>Analytica Chimica Acta</i> , 2001, 448, 19-25.	5.4	5
219	Analytical Application of Oligopyrrole Macrocycles. <i>Collection of Czechoslovak Chemical Communications</i> , 2001, 66, 693-769.	1.0	15
220	Calix[4]pyrrole-Functionalized Silica Gels: Novel Supports for the HPLC-Based Separation of Anions. <i>ACS Symposium Series</i> , 2000, , 238-254.	0.5	10
221	Vibrational circular dichroism of tetraphenylporphyrin in peptide complexes? A computational study. , 2000, 12, 191-198.		51
222	Calixphyrins: Novel Macrocycles at the Intersection between Porphyrins and Calixpyrroles. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1055-1058.	13.8	107
223	Porphyrin phosphonates: novel anionic receptors for saccharide recognition. <i>Tetrahedron Letters</i> , 2000, 41, 10147-10151.	1.4	34
224	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
225	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
226	Interaction of metallotexaphyrins with mono- and polysaccharides. <i>Perkin Transactions II RSC</i> , 2000, , 1876-1884.	1.1	6
227	Novel Synthesis of Hybrid Calixphyrin Macrocycles. <i>Organic Letters</i> , 2000, 2, 3103-3106.	4.6	72
228	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
229	Modelling of DNA Complexes with Distamycin Analogues Using an ab initio Continuum Solvent Model. <i>Collection of Czechoslovak Chemical Communications</i> , 2000, 65, 631-643.	1.0	5
230	Expanded porphyrins. Synthetic materials with potential medical utility. <i>Pure and Applied Chemistry</i> , 1999, 71, 2009-2018.	1.9	48
231	Synthesis of novel porphyrin-based bis-calix[4]arenes. <i>Tetrahedron Letters</i> , 1999, 40, 5949-5952.	1.4	35
232	Porphyrin-polyazacryptand conjugates: Novel receptors for nucleotides. <i>Tetrahedron</i> , 1999, 55, 7829-7834.	1.9	6
233	Novel macrocycles with 1,1'-binaphthyl substituents for the recognition of saccharides. <i>Chemical Communications</i> , 1999, , 2367-2368.	4.1	31
234	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

#	ARTICLE	IF	CITATIONS
235	Picosecond Dynamics of Energy Transfer in Porphyrin-Sapphyrin Noncovalent Assemblies. <i>Journal of the American Chemical Society</i> , 1999, 121, 2281-2289.	13.7	53
236	Crystal Structure of Constitutive Endothelial Nitric Oxide Synthase. <i>Cell</i> , 1998, 95, 939-950.	28.9	636
237	Calixpyrroles. <i>Chemical Communications</i> , 1998, , 1-8.	4.1	377
238	Calix[4]pyridine: a new arrival in the heterocalixarene family. <i>Chemical Communications</i> , 1998, , 9-10.	4.1	87
239	Anion Selectivity of a Sapphyrin-Modified Silica Gel HPLC Support. <i>Analytical Chemistry</i> , 1998, 70, 2516-2522.	6.5	32
240	Functionalized calix[4]pyrroles. <i>Pure and Applied Chemistry</i> , 1998, 70, 2401-2408.	1.9	92
241	Chiral Recognition of Dicarboxylate Anions by Sapphyrin-Based Receptors. <i>Journal of the American Chemical Society</i> , 1997, 119, 9385-9392.	13.7	102
242	First synthesis of an expanded calixpyrrole. <i>Tetrahedron Letters</i> , 1997, 38, 8443-8444.	1.4	61
243	Enhanced DNA photocleavage and binding properties of sapphyrin-polyamine conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1997, 7, 1433-1436.	2.2	18
244	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
245	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
246	Synthesis and Characterization of a Tripyrrane-Copper(II) Complex. <i>Inorganic Chemistry</i> , 1996, 35, 6636-6637.	4.0	41
247	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
248	Protonated Sapphyrins. Highly Effective Phosphate Receptors. <i>Journal of the American Chemical Society</i> , 1996, 118, 1595-1607.	13.7	154
249	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
250	New texaphyrin-type expanded porphyrins. <i>Pure and Applied Chemistry</i> , 1996, 68, 1291-1295.	1.9	30
251	Interaction of Sapphyrin with Phosphorylated Species of Biological Interest. <i>Journal of the American Chemical Society</i> , 1996, 118, 1608-1616.	13.7	91
252	Polypyrroles in three dimensions. The synthesis of tripyrrane-strapped 2-aminophenylporphyrins. <i>Tetrahedron Letters</i> , 1996, 37, 6469-6472.	1.4	8

#	ARTICLE	IF	CITATIONS
253	A non-ionic water-soluble pentaphyrin derivative. Synthesis and cytotoxicity. <i>Bioorganic and Medicinal Chemistry</i> , 1995, 3, 573-578.	3.0	13
254	Pyridiniumporphyrin covalently bound to polystyrene: an efficient model of cytochrome P-450 reactivity. <i>Journal of Molecular Catalysis A</i> , 1995, 96, 311-315.	4.8	15
255	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
256	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
257	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
258	^1H and ^{19}F coupling constants of some styrene, benzaldehyde and benzylidene amine derivatives. <i>Magnetic Resonance in Chemistry</i> , 1994, 32, 51-54.	1.9	6
259	SPECTROSCOPY AND PHOTSENSITIZATION OF SAPPHYRINS IN SOLUTIONS AND BIOLOGICAL MEMBRANES. <i>Photochemistry and Photobiology</i> , 1994, 60, 421-426.	2.5	22
260	A face-to-face porphyrin-sapphyrin pseudo dimer. <i>Supramolecular Chemistry</i> , 1994, 4, 35-41.	1.2	8
261	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
262	Interactions between expanded porphyrins and nucleic acids. <i>Pure and Applied Chemistry</i> , 1994, 66, 845-850.	1.9	25
263	Expanded Porphyrins. Receptors for Cationic, Anionic, and Neutral Substrates. , 1994, , 391-408.		4
264	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
265	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
266	Anion binding: A new direction in porphyrin-related research. <i>Pure and Applied Chemistry</i> , 1993, 65, 393-398.	1.9	117
267	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
268	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
269	^{17}O NMR and molecular mechanical studies of arylmethylenemalonalddehydes. <i>Magnetic Resonance in Chemistry</i> , 1990, 28, 751-754.	1.9	10
270	A proof for negative vicinal proton-proton and proton-carbon spin-spin couplings in aliphatic aldehydes by using temperature and solvent dependence. Conformational studies on glycolaldehyde and di-tert-butyl ethanal. <i>Journal of Magnetic Resonance</i> , 1987, 74, 12-18.	0.5	3

#	ARTICLE	IF	CITATIONS
271	An NMR and theoretical study on the conformational behaviour of benzylidenemalonalddehydes. Tetrahedron, 1985, 41, 4919-4928.	1.9	10
272	A nuclear magnetic resonance study on conformational behaviour of diarylmethylenemalonalddehydes and their complex formation with magnesium and lithium perchlorates by using four-bond aldehyde proton and three-bond aldehyde carbon ¹³ C-proton spin-spin couplings; a strategy for studying strongly entropically controlled flexible molecular systems. Journal of the Chemical Society Perkin Transactions II, 1985, , 1091-1100.	0.9	10
273	Synthesis of polyenyldenemalonalddehydes. Collection of Czechoslovak Chemical Communications, 1985, 50, 1300-1304.	1.0	6
274	Synthesis of benzylidenemalonalddehydes. Collection of Czechoslovak Chemical Communications, 1984, 49, 2602-2612.	1.0	12
275	Vinylogues and heterocyclic analogues of benzylidenemalonalddehydes. Collection of Czechoslovak Chemical Communications, 1984, 49, 2613-2619.	1.0	9
276	Diarylmethylenemalonalddehydes and their Heterocyclic Analogues. Synthesis, 1982, 1982, 823-824.	2.3	7
277	Arylmethylenemalonalddehydes and their heterocyclic analogues: A novel group of organic lewis acids. Tetrahedron Letters, 1982, 23, 1725-1726.	1.4	20