

Victor N Nemykin

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221
papers

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h-index

58
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256
ext. papers

5,964
ext. citations

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avg, IF

5.88
L-index

#	Paper	IF	Citations
221	The key role of peripheral substituents in the chemistry of phthalocyanines and their analogs. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010 , 14, 1-40	1.8	200
220	A new highly fluorescent and symmetric pyrrole-BF ₂ chromophore: BOPHY. <i>Journal of the American Chemical Society</i> , 2014 , 136, 5623-6	16.4	137
219	Influence of molecular geometry, exchange-correlation functional, and solvent effects in the modeling of vertical excitation energies in phthalocyanines using time-dependent density functional theory (TDDFT) and polarized continuum model TDDFT methods: can modern	2.8	137
218	Electron-transfer processes in metal-free tetraferrocenylporphyrin. Understanding internal interactions to access mixed-valence States potentially useful for quantum cellular automata. <i>Journal of the American Chemical Society</i> , 2009 , 131, 14969-78	16.4	136
217	Synthesis of substituted phthalocyanines. <i>Arkivoc</i> , 2010 , 2010, 136-208	0.9	126
216	Long-range electronic communication in free-base meso-poly(ferrocenyl)-containing porphyrins. <i>Inorganic Chemistry</i> , 2010 , 49, 7497-509	5.1	98
215	Adjacent versus opposite type di-aromatic ring-fused phthalocyanine derivatives: synthesis, spectroscopy, electrochemistry, and molecular orbital calculations. <i>Journal of the American Chemical Society</i> , 2002 , 124, 8007-20	16.4	88
214	o-Alkoxyphenyliminoiodanes: highly efficient reagents for the catalytic aziridination of alkenes and the metal-free amination of organic substrates. <i>Chemistry - A European Journal</i> , 2011 , 17, 10538-41	4.8	75
213	Transition metal-mediated oxidations utilizing monomeric iodosyl- and iodylarene species. <i>Tetrahedron</i> , 2010 , 66, 5745-5752	2.4	71
212	Preparation, characterization, molecular and electronic structures, TDDFT, and TDDFT/PCM study of the solvatochromism in cyanovinylferrocenes. <i>Inorganic Chemistry</i> , 2007 , 46, 9591-601	5.1	68
211	Design, preparation, X-ray crystal structure, and reactivity of o-alkoxyphenyliodonium bis(methoxycarbonyl)methanide, a highly soluble carbene precursor. <i>Organic Letters</i> , 2012 , 14, 3170-3	6.2	67
210	Historic overview and new developments in synthetic methods for preparation of the rare-earth tetrapyrrolic complexes. <i>Coordination Chemistry Reviews</i> , 2016 , 319, 110-179	23.2	65
209	Interpretation of the UV-vis spectra of the meso(ferrocenyl)-containing porphyrins using a TDDFT approach: is Gouterman's classic four-orbital model still in play?. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 12062-6	2.8	64
208	Influence of Hartree-Fock exchange on the calculated Mössbauer isomer shifts and quadrupole splittings in ferrocene derivatives using density functional theory. <i>Inorganic Chemistry</i> , 2006 , 45, 8297-307	5.1	61
207	Hypoiodite-mediated metal-free catalytic aziridination of alkenes. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 8059-62	16.4	60
206	Organic iodine(V) compounds as terminal oxidants in iron(III) phthalocyanine catalyzed oxidation of alcohols. <i>Tetrahedron Letters</i> , 2008 , 49, 7410-7412	2	60
205	Electrochemistry and catalytic properties for dioxygen reduction using ferrocene-substituted cobalt porphyrins. <i>Inorganic Chemistry</i> , 2014 , 53, 8600-9	5.1	59

204	Photoinduced charge transfer in short-distance ferrocenylsubphthalocyanine dyads. <i>Inorganic Chemistry</i> , 2012 , 51, 6537-47	5.1	59
203	Synthesis, structure, and chemoselective reactivity of N-(2-iodylphenyl)acylamides: hypervalent iodine reagents bearing a pseudo-six-membered ring scaffold. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7127-31	16.4	57
202	Metallocenes meet porphyrinoids: Consequences of a fusion. <i>Coordination Chemistry Reviews</i> , 2015 , 291, 95-171	23.2	55
201	Mixed-valence states formation in conformationally flexible metal-free 5,10,15,20-tetraferrocenylporphyrin and 5,10-bisferrocenyl-15,20-bisphenylporphyrin. <i>Dalton Transactions</i> , 2007 , 3378-89	4.3	55
200	Synthesis and charge-transfer dynamics in a ferrocene-containing organoboryl aza-BODIPY donor-acceptor triad with boron as the hub. <i>Inorganic Chemistry</i> , 2015 , 54, 4167-74	5.1	54
199	Preparation, structure, and versatile reactivity of pseudocyclic benziodoxole triflate, new hypervalent iodine reagent. <i>Chemical Communications</i> , 2015 , 51, 7835-8	5.8	54
198	Synthesis, redox properties, and electronic coupling in the diferrocene aza-dipyrromethene and azaBODIPY donor-acceptor dyad with direct ferrocene-pyrrole bond. <i>Inorganic Chemistry</i> , 2014 , 53, 4751-5	5.1	53
197	Long-range metal-metal coupling in transition-metal 5,10,15,20-tetraferrocenylporphyrins. <i>New Journal of Chemistry</i> , 2011 , 35, 1440	3.6	53
196	Synthesis, molecular and electronic structure, and TDDFT and TDDFT-PCM study of the solvatochromic properties of (Me ₂ Pipdt)Mo(CO) ₄ complex (Me ₂ Pipdt = N,N'-dimethylpiperazine-2,3-dithione). <i>Inorganic Chemistry</i> , 2006 , 45, 3557-68	5.1	51
195	Tuning Electronic Structure, Redox, and Photophysical Properties in Asymmetric NIR-Absorbing Organometallic BODIPYs. <i>Inorganic Chemistry</i> , 2015 , 54, 7915-28	5.1	50
194	Tetraferrocenylporphyrins as active components of self-assembled monolayers on gold surface. <i>Chemical Communications</i> , 2012 , 48, 5145-7	5.8	50
193	Electronic Communications in (Z)-Bis(ferrocenyl)ethylenes with Electron-Withdrawing Substituents. <i>Organometallics</i> , 2011 , 30, 3037-3046	3.8	49
192	Mercury-Free Preparation, Characterization, and Molecular Structure of Tricyanovinylferrocene Using an Unusual Reaction between Ferrocene and Tetracyanoethylene. <i>Organometallics</i> , 2007 , 26, 3138-3148	3.8	49
191	Oxygen atom transfer in models for molybdenum enzymes: isolation and structural, spectroscopic, and computational studies of intermediates in oxygen atom transfer from molybdenum(VI) to phosphorus(III). <i>Chemistry - A European Journal</i> , 2005 , 11, 3255-67	4.8	49
190	A tetraazaporphyrin with an intense, broad near-IR band. <i>Chemical Communications</i> , 2001 , 165-166	5.8	49
189	Synthesis, characterization, and electron-transfer processes in indium ferrocenyl-containing porphyrins and their fullerene adducts. <i>Inorganic Chemistry</i> , 2013 , 52, 9496-510	5.1	48
188	Synthetic approaches to asymmetric phthalocyanines and their analogues. <i>Arkivoc</i> , 2014 , 2014, 142-204	0.9	47
187	Comparative Reactivity of Hypervalent Iodine Oxidants in Metalloporphyrin-Catalyzed Oxygenation of Hydrocarbons: Iodosylbenzene Sulfate and 2-Iodylbenzoic Acid Ester as Safe and Convenient Alternatives to Iodosylbenzene. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 733-737	5.6	47

186	A Novel Hemiporphyrine Comprising Three Isoindoleimine and Three Thiadiazole Units. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 2710-2712	16.4	47
185	Unexpected fluorescence properties in an axially sigma-bonded ferrocenyl-containing porphyrin. <i>Chemical Communications</i> , 2010 , 46, 6581-3	5.8	46
184	2-iodylphenol ethers: preparation, X-ray crystal structure, and reactivity of new hypervalent iodine(V) oxidizing reagents. <i>Journal of Organic Chemistry</i> , 2006 , 71, 8452-8	4.2	46
183	New developments in chemistry of organometallic porphyrins and their analogs. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 165-196	1.8	45
182	Binuclear Iron(III) Phthalocyanine(μ -Oxo)-Catalyzed Oxygenation of Aromatic Hydrocarbons with Iodosylbenzene Sulfate and Iodosylbenzene as the Oxidants. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 3168-3174	5.6	45
181	Isolation, characterization of an intermediate in an oxygen atom-transfer reaction, and the determination of the bond dissociation energy. <i>Journal of the American Chemical Society</i> , 2004 , 126, 8604-8614	16.4	45
180	Comparative theoretical investigation of the vertical excitation energies and the electronic structure of $[\text{MoVOCl}_4]^-$: influence of basis set and geometry. <i>Inorganic Chemistry</i> , 2003 , 42, 4046-56	5.1	45
179	Oxygen atom transfer reactivity from a dioxo-Mo(VI) complex to tertiary phosphines: synthesis, characterization, and structure of phosphoryl intermediate complexes. <i>Inorganic Chemistry</i> , 2005 , 44, 7494-502	5.1	44
178	Unusually Strong Long-Distance Metal-Metal Coupling in Bis(ferrocene)-Containing BOPHY: An Introduction to Organometallic BOPHYs. <i>Chemistry - A European Journal</i> , 2015 , 21, 18043-6	4.8	42
177	The first TDDFT and MCD studies of free base triarylcorroles: a closer look into solvent-dependent UV-visible absorption. <i>Chemical Communications</i> , 2012 , 48, 4743-5	5.8	40
176	Probing the electronic properties of a trinuclear molecular wire involving isocyanoferrrocene and iron(II) phthalocyanine motifs. <i>Inorganic Chemistry</i> , 2013 , 52, 11004-12	5.1	38
175	Evaluation of the Intramolecular Charge-Transfer Properties in Solvatochromic and Electrochromic Zinc Octa(carbazolyl)phthalocyanines. <i>Inorganic Chemistry</i> , 2017 , 56, 11640-11653	5.1	38
174	New highly soluble dimedone-derived iodonium ylides: preparation, X-ray structure, and reaction with carbodiimide leading to oxazole derivatives. <i>Chemical Communications</i> , 2012 , 48, 10108-10	5.8	37
173	Further Studies on the Oxidation State of Iron in μ -Oxo Dimeric Phthalocyanine Complexes. <i>Journal of Porphyrins and Phthalocyanines</i> , 1999 , 03, 87-98	1.8	37
172	Electronic properties of mono-substituted tetraferrocenyl porphyrins in solution and on a gold surface: assessment of the influencing factors for photoelectrochemical applications. <i>Chemistry - A European Journal</i> , 2015 , 21, 269-79	4.8	36
171	Facile preparation and reactivity of bifunctional ionic liquid-supported hypervalent iodine reagent: a convenient recyclable reagent for catalytic oxidation. <i>Tetrahedron Letters</i> , 2012 , 53, 1438-1444	2	36
170	Benz(2-heteroaryl)cyanoximes and their Tl(I) complexes: new room temperature blue emitters. <i>Dalton Transactions</i> , 2008 , 5715-29	4.3	36
169	An analogue system displaying all the important processes of the catalytic cycles involving monooxomolybdenum(VI) and desoxomolybdenum(IV) centers. <i>Journal of the American Chemical Society</i> , 2002 , 124, 756-7	16.4	36

168	Preparation and X-ray Structural Study of Dibenziodolium Derivatives. <i>Journal of Organic Chemistry</i> , 2015 , 80, 5783-8	4.2	35
167	Substituent effect on oxygen atom transfer reactivity from oxomolybdenum centers: synthesis, structure, electrochemistry, and mechanism. <i>Inorganic Chemistry</i> , 2009 , 48, 6303-13	5.1	35
166	Self-assembly of hydroxy(phenyl)iodonium ions in acidic aqueous solution: preparation, and X-ray crystal structures of oligomeric phenyliodine(III) sulfates. <i>Inorganic Chemistry</i> , 2009 , 48, 4908-17	5.1	35
165	Binuclear iron(III) phthalocyanine(μ -oxodimer)/tetrabutylammonium oxone: a powerful catalytic system for oxidation of hydrocarbons in organic solution. <i>Tetrahedron Letters</i> , 2010 , 51, 6545-6548	2	35
164	Syntheses, spectroscopy, and redox chemistry of encapsulated oxo-Mo(V) centers: implications for pyranopterin-containing molybdoenzymes. <i>Inorganic Chemistry</i> , 2003 , 42, 7489-501	5.1	35
163	Electronic properties of para-substituted thiophenols and disulfides from ^{13}C NMR spectroscopy and ab initio calculations: relations to the Hammett parameters and atomic charges. <i>New Journal of Chemistry</i> , 2003 , 27, 1115	3.6	34
162	Electron-Transfer Processes in 3,4-Diferrocenylpyrroles: Insight into a Missing Piece of the Polyferrocenyl-Containing Pyrroles Family. <i>Organometallics</i> , 2014 , 33, 145-157	3.8	33
161	Preparation and X-ray structural study of 1-arylbenziodoxolones. <i>Journal of Organic Chemistry</i> , 2013 , 78, 3767-73	4.2	33
160	Preparation, X-ray structure, and oxidative reactivity of N-(2-iodylphenyl)tosylamides and 2-iodylphenyl tosylate: iodylarenes stabilized by ortho-substitution with a sulfonyl group. <i>Journal of Organic Chemistry</i> , 2009 , 74, 8444-7	4.2	33
159	Saccharin-based μ -oxo imidoiodane: a readily available and highly reactive reagent for electrophilic amination. <i>Chemistry - A European Journal</i> , 2015 , 21, 5328-31	4.8	32
158	Tuning Up an Electronic Structure of the Subphthalocyanine Derivatives toward Electron-Transfer Process in Noncovalent Complexes with C and C Fullerenes: Experimental and Theoretical Studies. <i>Inorganic Chemistry</i> , 2016 , 55, 9549-9563	5.1	32
157	Systematic investigation of phthalocyanines, naphthalocyanines, and their aza-analogues. Effect of the isosteric aza-replacement in the core. <i>Dalton Transactions</i> , 2015 , 44, 13220-33	4.3	31
156	Insight into the electronic structure, optical properties, and redox behavior of the hybrid phthalocyaninocathrochelates from experimental and density functional theory approaches. <i>Inorganic Chemistry</i> , 2012 , 51, 8362-72	5.1	31
155	Preparation, X-ray structure, and reactivity of 2-iodylpyridines: recyclable hypervalent iodine(V) reagents. <i>Journal of Organic Chemistry</i> , 2011 , 76, 3812-9	4.2	31
154	Preparation and Structure of Oligomeric Iodosylbenzene Sulfate $(\text{PhIO})_3\text{SO}_3$: Stable and Water-Soluble Analog of Iodosylbenzene. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 4475-4478 ^{3,2}		31
153	Synthesis, characterization, electrochemistry, electronic structure, and isomerization of mononuclear oxo-molybdenum(V) complexes: the serine gate hypothesis in the function of DMSO reductases. <i>Inorganic Chemistry</i> , 2002 , 41, 1281-91	5.1	31
152	Testing the Limits of the BOPHY Platform: Preparation, Characterization, and Theoretical Modeling of BOPHYs and Organometallic BOPHYs with Electron-Withdrawing Groups at μ -Pyrrolic and Bridging Positions. <i>Chemistry - A European Journal</i> , 2017 , 23, 14786-14796	4.8	30
151	The first phthalocyanine-based dimer formed by two pyridine-Pd-pyridine bridges. <i>Tetrahedron Letters</i> , 2001 , 42, 913-915	2	30

150	Redox and photoinduced electron-transfer properties in short distance organoboryl ferrocene-subphthalocyanine dyads. <i>Inorganic Chemistry</i> , 2014 , 53, 9336-47	5.1	28
149	Magnetic circular dichroism spectroscopy of N-confused porphyrin and its ionized forms. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 11499-508	2.8	27
148	Observation of the Strong Electronic Coupling in Near-Infrared-Absorbing Tetraferrocene aza-Dipyrromethene and aza-BODIPY with Direct Ferrocene- π -Band Ferrocene- π Pyrrrole Bonds: Toward Molecular Machinery with Four-Bit Information Storage Capacity. <i>Inorganic Chemistry</i> , 2017 , 56, 991-1000	5.1	26
147	Pseudocyclic Arylbenziodoxaboroles: Efficient Benzyne Precursors Triggered by Water at Room Temperature. <i>Chemistry - A European Journal</i> , 2017 , 23, 16738-16742	4.8	26
146	Exploring the ground and excited state potential energy landscapes of the mixed-valence biferrocenium complex. <i>Inorganic Chemistry</i> , 2009 , 48, 3982-92	5.1	26
145	Donor atom dependent geometric isomers in mononuclear oxo-molybdenum(V) complexes: implications for coordinated endogenous ligation in molybdoenzymes. <i>Inorganic Chemistry</i> , 2003 , 42, 5999-6007	5.1	26
144	Potassium 4-Iodylbenzenesulfonate: Preparation, Structure, and Application as a Reagent for Oxidative Iodination of Arenes. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 5935-5942	3.2	24
143	Controllable and reversible inversion of the electronic structure in nickel N-confused porphyrin: a case when MCD matters. <i>Inorganic Chemistry</i> , 2011 , 50, 6902-9	5.1	24
142	Intra- and intermolecular interactions in the solid state structure of 2-iodylbenzenesulfonamides: a heptacoordinated organic iodine(V) compound. <i>New Journal of Chemistry</i> , 2005 , 29, 998	3.6	24
141	Chloride ion-aided self-assembly of pseudoclathrochelate metal tris-pyrazoloximates. <i>Inorganic Chemistry</i> , 2014 , 53, 3062-71	5.1	23
140	Synthesis, electrochemistry, geometric and electronic structure of oxo-molybdenum compounds involved in an oxygen atom transferring system. <i>Journal of Inorganic Biochemistry</i> , 2008 , 102, 748-56	4.2	23
139	The Pyroglutamate Hydantoin Rearrangement. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 2649-2660	3.6	23
138	Synthesis, Characterization, and Studies of Coordination-Polymeres With Isomeric Pyridylcyanoximes: Route to Metal Ribbons With Very Short T _{100%} Separations. <i>Crystal Growth and Design</i> , 2012 , 12, 2877-2889	3.5	22
137	Metalloporphyrin/Iodine(III)-Cocatalyzed Oxygenation of Aromatic Hydrocarbons. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 1455-1460	5.6	22
136	Synthesis, characterization, spectroscopy, electronic and redox properties of a new nickel dithiolene system. <i>Inorganica Chimica Acta</i> , 2010 , 363, 2857-2864	2.7	22
135	Metal atom dynamics in organometallics: Cyano ferrocenes. <i>Journal of Organometallic Chemistry</i> , 2008 , 693, 1850-1856	2.3	21
134	Probing Electronic Communications in Heterotrinnuclear Fe-Ru-Fe Molecular Wires Formed by Ruthenium(II) Tetraphenylporphyrin and Isocyanoferrocene or 1,1'-Diisocyanoferrocene Ligands. <i>Inorganic Chemistry</i> , 2015 , 54, 10711-24	5.1	20
133	Preparation of Viscosity-Sensitive Isoxazoline/Isoxazolyl-Based Molecular Rotors and Directly Linked BODIPY-Fulleroisoxazoline from the Stable π -(Nitrile Oxide)-Substituted BODIPY. <i>Organic Letters</i> , 2019 , 21, 5713-5718	6.2	20

132	Systematic color tuning of a family of luminescent azole-based organoboron compounds suitable for OLED applications. <i>Dalton Transactions</i> , 2013 , 42, 15120-32	4.3	20
131	Preparation and X-ray crystal study of benziiodoxaborole derivatives: new hypervalent iodine heterocycles. <i>Inorganic Chemistry</i> , 2011 , 50, 11263-72	5.1	20
130	Synthesis and characterization of new mixed-ligand lanthanide phthalocyanine cation radical complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998 , 2995-3000		20
129	Hypervalent Iodine-Catalyzed Synthesis of 1,2,4-Oxadiazoles from Aldoximes and Nitriles. <i>Asian Journal of Organic Chemistry</i> , 2016 , 5, 1128-1133	3	20
128	Combined MCD/DFT/TDDFT Study of the Electronic Structure of Axially Pyridine Coordinated Metalloporphyrins. <i>Inorganic Chemistry</i> , 2015 , 54, 4652-62	5.1	19
127	NIR absorbing diferrocene-containing meso-cyano-BODIPY with a UV-Vis-NIR spectrum remarkably close to that of magnesium tetracyanotetraferrocenyltetraazaporphyrin. <i>Chemical Communications</i> , 2016 , 52, 11563-6	5.8	19
126	2-Iodoxybenzoic acid organosulfonates: preparation, X-ray structure and reactivity of new, powerful hypervalent iodine(V) oxidants. <i>Chemical Communications</i> , 2013 , 49, 11269-71	5.8	19
125	Quantitation of the ligand effect in oxo-transfer reactions of dioxo-Mo(VI) trispyrazolyl borate complexes. <i>Dalton Transactions</i> , 2013 , 42, 3071-81	4.3	19
124	Preparation, Structure, and Reactivity of Pseudocyclic Benziiodoxole Tosylates: New Hypervalent Iodine Oxidants and Electrophiles. <i>Chemistry - A European Journal</i> , 2017 , 23, 691-695	4.8	19
123	A copper-catalyzed domino radical cyclization route to benzospiro-indolizidinepyrrolidinones. <i>Tetrahedron Letters</i> , 2007 , 48, 7108-7111	2	19
122	Synthesis, properties and Mössbauer spectra of bisaxially co-ordinated iron(II) phthalocyanine low-spin complexes: the first semi-quantitative explanation of the influence of the character of axial ligands on the spectral parameters. <i>Dalton Transactions RSC</i> , 2000 , 1019-1025		19
121	2-Iodoxybenzoic acid ditriflate: the most powerful hypervalent iodine(v) oxidant. <i>Chemical Communications</i> , 2019 , 55, 7760-7763	5.8	18
120	Energy Transfer from Colloidal Quantum Dots to Near-Infrared-Absorbing Tetraazaporphyrins for Enhanced Light Harvesting. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 9754-9761	3.8	18
119	A fast-response, red emission aza-BODIPY-hydrazone-based chemodosimeter for selective detection of HClO. <i>Sensors and Actuators B: Chemical</i> , 2018 , 269, 151-157	8.5	18
118	Binuclear iron(III) octakis(perfluorophenyl)tetraazaporphyrin dimer: a highly efficient catalyst for biomimetic oxygenation reactions. <i>Tetrahedron Letters</i> , 2014 , 55, 5687-5690	2	18
117	Preparation and X-ray crystal structure of 2-iodyl-N,N-dialkylaniline oxides: first entry into the heterocyclic system of benziiodoxazole. <i>Chemical Communications</i> , 2008 , 6131-3	5.8	18
116	Preparation, characterization, and catalytic activity of synthetic carbon-supported (phthalocyaninato)cobalt-containing complexes in dodecane-1-thiol oxidation reaction. <i>Journal of Molecular Catalysis A</i> , 2007 , 264, 103-109		18
115	Preparation, X-ray Structures, Spectroscopic, and Redox Properties of Di- and Trinuclear Iron-Zirconium and Iron-Hafnium Porphyrinoclatrochelates. <i>Inorganic Chemistry</i> , 2016 , 55, 11867-11882 ^{5.1}	5.1	17

114	Profiling energetics and spectroscopic signatures in prototropic tautomers of asymmetric phthalocyanine analogues. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 7364-71	2.8	17
113	Metal-free and transition-metal tetraferrocenylporphyrins part 1: synthesis, characterization, electronic structure, and conformational flexibility of neutral compounds. <i>Dalton Transactions</i> , 2008 , 4233-46	4.3	17
112	Preparation and characterization of first optically active rigid phthalocyanine dimers. <i>Tetrahedron Letters</i> , 2007 , 48, 5425-5428	2	17
111	A bifurcated pathway of oxygen atom transfer reactions from a monooxo molybdenum(VI) complex under electrospray ionisation mass spectrometric conditions. <i>Dalton Transactions</i> , 2004 , 1928-33	4.3	17
110	Solution, Solid, and Gas Phase Studies on a Nickel Dithiolene System: Spectator Metal and Reactor Ligand. <i>Inorganic Chemistry</i> , 2015 , 54, 7703-16	5.1	16
109	Unexpected formation of chiral pincer CNN nickel complexes with β -diketiminato type ligands via C-H activation: synthesis, properties, structures, and computational studies. <i>Inorganic Chemistry</i> , 2013 , 52, 1454-65	5.1	16
108	Preparation, Characterization, Redox, and Photoinduced Electron-Transfer Properties of the NIR-Absorbing N-Ferrocenyl-2-pyridone BODIPYs. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 318-324	2.3	16
107	Comparative electronic structures and UV-vis spectra of tribenzosubporphyrin, tribenzomonoazasubporphyrin, tribenzodiazasubporphyrin, and subphthalocyanine: insight from DFT and TDDFT calculations. <i>Journal of Molecular Graphics and Modelling</i> , 2012 , 38, 369-74	2.8	16
106	Oxomolybdenum tetrathiolates with sterically encumbering ligands: modeling the effect of a protein matrix on electronic structure and reduction potentials. <i>Inorganic Chemistry</i> , 2005 , 44, 8216-22	5.1	16
105	The Solid Phase, Room-Temperature Synthesis of Metal-free and Metallophthalocyanines, Particularly of 2,3,9,10,16,17,23,24-Octacyanophthalocyanines. <i>Chemistry Letters</i> , 2000 , 29, 546-547	1.7	16
104	Synthesis and spectroscopic properties of new phthalocyanine complexes with potentially combined photodynamic activity and cytotoxicity for photodynamic therapy. <i>Journal of Porphyrins and Phthalocyanines</i> , 2000 , 04, 551-554	1.8	16
103	A "reactive" turn-on fluorescence probe for hypochlorous acid and its bioimaging application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 206, 190-196	4.4	15
102	Binding and photodynamic action of the cationic zinc phthalocyanines with different types of DNA toward understanding of their cancer therapy activity. <i>Journal of Inorganic Biochemistry</i> , 2019 , 199, 1107-13	4.3	15
101	Development of Imino- β -iodanes with Improved Reactivity for Metal-Free [2+2+1] Cycloaddition-Type Reactions. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 3860-3864	5.6	15
100	OFF-ON-OFF Red-Emitting Fluorescent Indicators for a Narrow pH Window. <i>Chemistry - A European Journal</i> , 2017 , 23, 1795-1804	4.8	15
99	Tuning the near-IR band energy and redox potentials of magnesium tetra(ferrocenyl)tetraazaporphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014 , 18, 792-803	1.8	15
98	Comparative calculation of EPR spectral parameters in [Mo(V)OX ₄]-, [Mo(V)OX ₅] ²⁻ , and [Mo(V)OX ₄ (H ₂ O)]- complexes. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 10377-84	3.6	15
97	Diels-Alder Reaction of Tribenzo[b,g,l]thiopheno[3,4-q]porphyrazine as a New Path for Porphyrazine Core Modification. <i>Chemistry Letters</i> , 2000 , 29, 1236-1237	1.7	15

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95	Tuning Electron-Transfer Properties in 5,10,15,20-Tetra(1'-hexanoylferrocenyl)porphyrins as Prospective Systems for Quantum Cellular Automata and Platforms for Four-Bit Information Storage. <i>Inorganic Chemistry</i> , 2017 , 56, 4717-4728	5.1	14
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