

Victor N Nemykin

List of Publications by Year in descending order

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53660

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256
all docs

256
docs citations

256
times ranked

4764
citing authors

#	ARTICLE	IF	CITATIONS
1	The key role of peripheral substituents in the chemistry of phthalocyanines and their analogs. Journal of Porphyrins and Phthalocyanines, 2010, 14, 1-40.	0.4	228
2	A New Highly Fluorescent and Symmetric Pyrrole- BF_2 Chromophore: BOPHY. Journal of the American Chemical Society, 2014, 136, 5623-5626.	6.6	178
3	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 Computational Chemistry Methods Explain Experimental Controversies?. Journal of Physical Chemistry A, 2007, 111, 12901-12913.	1.1	149
4	Synthesis of substituted phthalocyanines. Arkivoc, 2010, 2010, 136-208.	0.3	147
5	Electron-Transfer Processes in Metal-Free Tetraferrocenylporphyrin. Understanding Internal Interactions To Access Mixed-Valence States Potentially Useful for Quantum Cellular Automata. Journal of the American Chemical Society, 2009, 131, 14969-14978.	6.6	144
6	Long-Range Electronic Communication in Free-Base <i>meso</i> -Poly(Ferrocenyl)-Containing Porphyrins. Inorganic Chemistry, 2010, 49, 7497-7509.	1.9	102
7	Adjacent versus Opposite Type Di-Aromatic Ring-Fused Phthalocyanine Derivatives: Synthesis, Spectroscopy, Electrochemistry, and Molecular Orbital Calculations. Journal of the American Chemical Society, 2002, 124, 8007-8020.	6.6	95
8	<i>o</i> -Alkoxyphenyliminoiodanes: Highly Efficient Reagents for the Catalytic Aziridination of Alkenes and the Metal-Free Amination of Organic Substrates. Chemistry - A European Journal, 2011, 17, 10538-10541.	1.7	86
9	Design, Preparation, X-ray Crystal Structure, and Reactivity of <i>o</i> -Alkoxyphenyliodonium Bis(methoxycarbonyl)methanide, a Highly Soluble Carbene Precursor. Organic Letters, 2012, 14, 3170-3173.	2.4	83
10	Historic overview and new developments in synthetic methods for preparation of the rare-earth tetrapyrrolic complexes. Coordination Chemistry Reviews, 2016, 319, 110-179.	9.5	78
11	Transition metal-mediated oxidations utilizing monomeric iodosyl- and iodylarene species. Tetrahedron, 2010, 66, 5745-5752.	1.0	77
12	Electrochemistry and Catalytic Properties for Dioxygen Reduction Using Ferrocene-Substituted Cobalt Porphyrins. Inorganic Chemistry, 2014, 53, 8600-8609.	1.9	75
13	Preparation, Characterization, Molecular and Electronic Structures, TDDFT, and TDDFT/PCM Study of the Solvatochromism in Cyanovinylferrocenes. Inorganic Chemistry, 2007, 46, 9591-9601.	1.9	71
14	Influence of Hartree-Fock Exchange on the Calculated Mössbauer Isomer Shifts and Quadrupole Splittings in Ferrocene Derivatives Using Density Functional Theory. Inorganic Chemistry, 2006, 45, 8297-8307.	1.9	70
15	Interpretation of the UV-vis Spectra of the <i>meso</i> -(Ferrocenyl)-Containing Porphyrins using a TDDFT Approach: Is Gouterman's Classic Four-Orbital Model Still in Play?. Journal of Physical Chemistry A, 2010, 114, 12062-12066.	1.1	69
16	Organic iodine(V) compounds as terminal oxidants in iron(III) phthalocyanine catalyzed oxidation of alcohols. Tetrahedron Letters, 2008, 49, 7410-7412.	0.7	66
17	Hypoiodite-Mediated Metal-Free Catalytic Aziridination of Alkenes. Angewandte Chemie - International Edition, 2012, 51, 8059-8062.	7.2	66
18	Metalloenes meet porphyrinoids: Consequences of a σ -fusion. Coordination Chemistry Reviews, 2015, 291, 95-171.	9.5	66

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19	Synthesis, Structure, and Chemoselective Reactivity of N-(2-Iodophenyl)acylamides: Hypervalent Iodine Reagents Bearing a Pseudo-Six-Membered Ring Scaffold. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7127-7131.	7.2	64
20	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, 4167-4174.	1.9	63
21	Photoinduced Charge Transfer in Short-Distance Ferrocenylsubphthalocyanine Dyads. <i>Inorganic Chemistry</i> , 2012, 51, 6537-6547.	1.9	62
22	Tuning Electronic Structure, Redox, and Photophysical Properties in Asymmetric NIR-Absorbing Organometallic BODIPYs. <i>Inorganic Chemistry</i> , 2015, 54, 7915-7928.	1.9	62
23	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, 4751-4755.	1.9	59
24	Preparation, structure, and versatile reactivity of pseudocyclic benziodoxole triflate, new hypervalent iodine reagent. <i>Chemical Communications</i> , 2015, 51, 7835-7838.	2.2	59
25	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) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 497 Td7=N,Nâ€¦		
26	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.	1.6	56
27	Long-range metal–metal coupling in transition-metal 5,10,15,20-tetraferrocenylporphyrins. <i>New Journal of Chemistry</i> , 2011, 35, 1440.	1.4	56
28	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, 3255-3267.	1.7	55
29	Synthetic approaches to asymmetric phthalocyanines and their analogues. <i>Arkivoc</i> , 2014, 2014, 142-204.	0.3	55
30	Electronic Communications in (Z)-Bis(ferrocenyl)ethylenes with Electron-Withdrawing Substituents. <i>Organometallics</i> , 2011, 30, 3037-3046.	1.1	54
31	Probing the Electronic Properties of a Trinuclear Molecular Wire Involving Isocyanoferrocene and Iron(II) Phthalocyanine Motifs. <i>Inorganic Chemistry</i> , 2013, 52, 11004-11012.	1.9	54
32	Synthesis, Characterization, and Electron-Transfer Processes in Indium Ferrocenyl-Containing Porphyrins and Their Fullerene Adducts. <i>Inorganic Chemistry</i> , 2013, 52, 9496-9510.	1.9	54
33	A Novel Hemiporphyrazine Comprising Three Isoindoleimine and Three Thiazazole Units. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2710-2712.	7.2	52
34	Comparative Reactivity of Hypervalent Iodine Oxidants in Metalloporphyrin–Catalyzed Oxygenation of Hydrocarbons: Iodosylbenzene Sulfate and 2-Iodosylbenzoic Acid Ester as Safe and Convenient Alternatives to Iodosylbenzene. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 733-737.	2.1	52
35	Unexpected fluorescence properties in an axially σ -bonded ferrocenyl-containing porphyrin. <i>Chemical Communications</i> , 2010, 46, 6581.	2.2	52
36	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, 8604-8605.	6.6	51

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37	Mercury-Free Preparation, Characterization, and Molecular Structure of Tricyanovinylferrocene Using an Unusual Reaction between Ferrocene and Tetracyanoethylene. <i>Organometallics</i> , 2007, 26, 3138-3148.	1.1	51
38	Tetraferrocenylporphyrins as active components of self-assembled monolayers on gold surface. <i>Chemical Communications</i> , 2012, 48, 5145.	2.2	51
39	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.	2.2	51
40	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, 18043-18046.	1.7	51
41	A tetraazaporphyrin with an intense, broad near-IR band. <i>Chemical Communications</i> , 2001, , 165-166.	2.2	50
42	Binuclear Iron(III) Phthalocyanine($\frac{1}{4}$ -Oxodimer)-Catalyzed Oxygenation of Aromatic Hydrocarbons with Iodosylbenzene Sulfate and Iodosylbenzene as the Oxidants. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 3168-3174.	2.1	50
43	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, 4046-4056.	1.9	49
44	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, 7494-7502.	1.9	48
45	2-Iodolphenol Ethers: Preparation, X-ray Crystal Structure, and Reactivity of New Hypervalent Iodine(V) Oxidizing Reagents. <i>Journal of Organic Chemistry</i> , 2006, 71, 8452-8458.	1.7	48
46	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.	2.2	48
47	Evaluation of the Intramolecular Charge-Transfer Properties in Solvatochromic and Electrochromic Zinc Octa(carbazolyl)phthalocyanines. <i>Inorganic Chemistry</i> , 2017, 56, 11640-11653.	1.9	48
48	New developments in chemistry of organometallic porphyrins and their analogs. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013, 17, 165-196.	0.4	46
49	Preparation and X-ray Structural Study of Dibenziodolium Derivatives. <i>Journal of Organic Chemistry</i> , 2015, 80, 5783-5788.	1.7	44
50	Binuclear iron(III) phthalocyanine($\frac{1}{4}$ -oxodimer)/tetrabutylammonium oxone: a powerful catalytic system for oxidation of hydrocarbons in organic solution. <i>Tetrahedron Letters</i> , 2010, 51, 6545-6548.	0.7	42
51	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.	0.7	42
52	Further Studies on the Oxidation State of Iron in $\frac{1}{4}$ -Oxo Dimeric Phthalocyanine Complexes. <i>Journal of Porphyrins and Phthalocyanines</i> , 1999, 03, 87-98.	0.4	41
53	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, 756-757.	6.6	41
54	Synthesis pathways for the preparation of the BODIPY analogues: aza-BODIPYs, BOPHYs and some other pyrrole-based acyclic chromophores. <i>Dalton Transactions</i> , 2021, 50, 1569-1593.	1.6	41

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55	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, 269-279.	1.7	40
56	Substituent Effect on Oxygen Atom Transfer Reactivity from Oxomolybdenum Centers: Synthesis, Structure, Electrochemistry, and Mechanism. <i>Inorganic Chemistry</i> , 2009, 48, 6303-6313.	1.9	39
57	Saccharin-Based π -Oxo Imidoiodane: A Readily Available and Highly Reactive Reagent for Electrophilic Amination. <i>Chemistry - A European Journal</i> , 2015, 21, 5328-5331.	1.7	39
58	Pseudocyclic Arylbenziodoxaboroles: Efficient Benzyne Precursors Triggered by Water at Room Temperature. <i>Chemistry - A European Journal</i> , 2017, 23, 16738-16742.	1.7	39
59	Syntheses, Spectroscopy, and Redox Chemistry of Encapsulated Oxo \sim Mo(V) Centers: Implications for Pyranopterin-Containing Molybdoenzymes. <i>Inorganic Chemistry</i> , 2003, 42, 7489-7501.	1.9	38
60	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, 4908-4917.	1.9	38
61	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. Electronic supplementary information (ESI) available: all characterization data are tabulated in Table S1. A figure showing the dependence of the natural charge of the C1 atom of the disulfides on the ^{13}C NMR chemical shift is also provided. See http://www.rsc.org/suppdata/ni/b3/b300048f/ . <i>New Journal of Chemistry</i> , 2003, 27, 1115.	1.4	37
62	Benz(2-heteroaryl)cyanoximes and their Tl(I) complexes: new room temperature blue emitters. <i>Dalton Transactions</i> , 2008, , 5715.	1.6	37
63	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, 8362-8372.	1.9	37
64	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.	1.1	37
65	Systematic investigation of phthalocyanines, naphthalocyanines, and their aza-analogues. Effect of the isosteric aza-replacement in the core. <i>Dalton Transactions</i> , 2015, 44, 13220-13233.	1.6	36
66	Tuning Up an Electronic Structure of the Subphthalocyanine Derivatives toward Electron-Transfer Process in Noncovalent Complexes with C_{60} and C_{70} Fullerenes: Experimental and Theoretical Studies. <i>Inorganic Chemistry</i> , 2016, 55, 9549-9563.	1.9	36
67	Testing the Limits of the BOPHY Platform: Preparation, Characterization, and Theoretical Modeling of BOPHYs and Organometallic BOPHYs with Electron-Withdrawing Groups at π -Pyrrolic and Bridging Positions. <i>Chemistry - A European Journal</i> , 2017, 23, 14786-14796.	1.7	36
68	Preparation of Viscosity-Sensitive Isoxazoline/Isoxazolyl-Based Molecular Rotors and Directly Linked BODIPY-Fulleroisoxazoline from the Stable meso-(Nitrile Oxide)-Substituted BODIPY. <i>Organic Letters</i> , 2019, 21, 5713-5718.	2.4	36
69	Preparation, X-ray Structure, and Reactivity of 2-Iodylpyridines: Recyclable Hypervalent Iodine(V) Reagents. <i>Journal of Organic Chemistry</i> , 2011, 76, 3812-3819.	1.7	35
70	Preparation and X-ray Structural Study of 1-Arylbenziodoxolones. <i>Journal of Organic Chemistry</i> , 2013, 78, 3767-3773.	1.7	35
71	Synthesis, Characterization, Electrochemistry, Electronic Structure, and Isomerization of Mononuclear Oxo \sim Molybdenum(V) Complexes: The Serine Gate Hypothesis in the Function of DMSO Reductases. <i>Inorganic Chemistry</i> , 2002, 41, 1281-1291.	1.9	34
72	Preparation and Structure of Oligomeric Iodosylbenzene Sulfate $(\text{PhIO})_3\cdot\text{SO}_3$: Stable and Water-Soluble Analog of Iodosylbenzene. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4475-4478.	1.2	34

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73	Preparation, X-ray Structure, and Oxidative Reactivity of <i>N</i> -(2-Iodophenyl)tosylamides and 2-Iodophenyl Tosylate: Iodylarenes Stabilized by Ortho-Substitution with a Sulfonyl Group. <i>Journal of Organic Chemistry</i> , 2009, 74, 8444-8447.	1.7	34
74	Observation of the Strong Electronic Coupling in Near-Infrared-Absorbing Tetraferrocene aza-Dipyrromethene and aza-BODIPY with Direct Ferrocene ^{1±} - and Ferrocene ² -Pyrrole Bonds: Toward Molecular Machinery with Four-Bit Information Storage Capacity. <i>Inorganic Chemistry</i> , 2017, 56, 991-1000.	1.9	33
75	The first phthalocyanine-based dimer formed by two pyridine-Pd-pyridine bridges. <i>Tetrahedron Letters</i> , 2001, 42, 913-915.	0.7	32
76	Magnetic Circular Dichroism Spectroscopy of <i>N</i> -Confused Porphyrin and Its Ionized Forms. <i>Journal of Physical Chemistry A</i> , 2013, 117, 11499-11508.	1.1	32
77	Redox and Photoinduced Electron-Transfer Properties in Short Distance Organoboryl Ferrocene-Subphthalocyanine Dyads. <i>Inorganic Chemistry</i> , 2014, 53, 9336-9347.	1.9	31
78	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.	4.0	31
79	Controllable and Reversible Inversion of the Electronic Structure in Nickel <i>N</i> -Confused Porphyrin: A Case When MCD Matters. <i>Inorganic Chemistry</i> , 2011, 50, 6902-6909.	1.9	30
80	Chloride Ion-Aided Self-Assembly of Pseudoclathrochelate Metal Tris-pyrazoloximates. <i>Inorganic Chemistry</i> , 2014, 53, 3062-3071.	1.9	30
81	A σ -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.	2.0	29
82	Donor Atom Dependent Geometric Isomers in Mononuclear Oxo ² Molybdenum(V) Complexes: Δ Implications for Coordinated Endogenous Ligation in Molybdoenzymes. <i>Inorganic Chemistry</i> , 2003, 42, 5999-6007.	1.9	28
83	The Pyroglutamate Hydantoin Rearrangement. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2649-2660.	1.2	28
84	Exploring the Ground and Excited State Potential Energy Landscapes of the Mixed-Valence Biferrocenium Complex. <i>Inorganic Chemistry</i> , 2009, 48, 3982-3992.	1.9	28
85	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.	1.2	27
86	Systematic color tuning of a family of luminescent azole-based organoboron compounds suitable for OLED applications. <i>Dalton Transactions</i> , 2013, 42, 15120.	1.6	26
87	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, 11563-11566.	2.2	26
88	Probing Electronic Communications in Heterotrinary Fe ²⁺ -Ru ²⁺ -Fe Molecular Wires Formed by Ruthenium(II) Tetraphenylporphyrin and Isocyanoferrrocene or 1,1 [±] -Diisocyanoferrrocene Ligands. <i>Inorganic Chemistry</i> , 2015, 54, 10711-10724.	1.9	25
89	Hypervalent Iodine-Catalyzed Synthesis of 1,2,4-Oxadiazoles from Aldoximes and Nitriles. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 1128-1133.	1.3	25
90	Preparation, Structure, and Reactivity of Pseudocyclic Benziodoxole Tosylates: New Hypervalent Iodine Oxidants and Electrophiles. <i>Chemistry - A European Journal</i> , 2017, 23, 691-695.	1.7	25

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91	Synthesis and characterization of new mixed-ligand lanthanide π -phthalocyanine cation radical complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 2995-3000.	1.1	24
92	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 π . <i>Dalton Transactions RSC</i> , 2000, , 1019-1025.	2.3	24
93	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.	1.4	24
94	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, 748-756.	1.5	24
95	Synthesis, characterization, spectroscopy, electronic and redox properties of a new nickel dithiolene system. <i>Inorganica Chimica Acta</i> , 2010, 363, 2857-2864.	1.2	24
96	Combined MCD/DFT/TDDFT Study of the Electronic Structure of Axially Pyridine Coordinated Metallocorroles. <i>Inorganic Chemistry</i> , 2015, 54, 4652-4662.	1.9	24
97	Preparation, X-ray Structures, Spectroscopic, and Redox Properties of Di- and Trinuclear Iron π -Zirconium and Iron π -Hafnium Porphyrinocyclorhelates. <i>Inorganic Chemistry</i> , 2016, 55, 11867-11882.	1.9	24
98	Metalloporphyrin/Iodine(III) π -Cocatalyzed Oxygenation of Aromatic Hydrocarbons. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1455-1460.	2.1	23
99	Synthesis, Characterization, and Studies of Coordination-Polymeres With Isomeric Pyridylcyanoximes: Route to Metal Ribbons With Very Short TI π -TI Separations. <i>Crystal Growth and Design</i> , 2012, 12, 2877-2889.	1.4	23
100	2-Iodoxybenzoic acid ditriflate: the most powerful hypervalent iodine(V) oxidant. <i>Chemical Communications</i> , 2019, 55, 7760-7763.	2.2	23
101	Preparation and X-ray crystal structure of 2-iodyl-N,N-dialkylaniline oxides: first entry into the heterocyclic system of benziodoxazole. <i>Chemical Communications</i> , 2008, , 6131.	2.2	22
102	Preparation and X-ray Crystal Study of Benziodoxaborole Derivatives: New Hypervalent Iodine Heterocycles. <i>Inorganic Chemistry</i> , 2011, 50, 11263-11272.	1.9	22
103	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, 110793.	1.5	22
104	Simultaneous Prediction of the Energies of Q_x and Q_y Bands and Intramolecular Charge-Transfer Transitions in Benzoannulated and Non-Peripherally Substituted Metal-Free Phthalocyanines and Their Analogues: No Standard TDDFT Silver Bullet Yet. <i>Journal of Physical Chemistry A</i> , 2019, 123, 132-152.	1.1	22
105	A copper-catalyzed domino radical cyclization route to benzospiro-indolizidinepyrrolidinones. <i>Tetrahedron Letters</i> , 2007, 48, 7108-7111.	0.7	21
106	Metal atom dynamics in organometallics: Cyano ferrocenes. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1850-1856.	0.8	21
107	2-Iodoxybenzoic acid organosulfonates: preparation, X-ray structure and reactivity of new, powerful hypervalent iodine(V) oxidants. <i>Chemical Communications</i> , 2013, 49, 11269.	2.2	21
108	Quantitation of the ligand effect in oxo-transfer reactions of dioxo-Mo(VI) trispyrazolyl borate complexes. <i>Dalton Transactions</i> , 2013, 42, 3071-3081.	1.6	21

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109	Binuclear iron(III) octakis(perfluorophenyl)tetraazaporphyrin ¼-oxodimer: a highly efficient catalyst for biomimetic oxygenation reactions. <i>Tetrahedron Letters</i> , 2014, 55, 5687-5690.	0.7	21
110	Preparation, Characterization, Redox, and Photoinduced Electron Transfer Properties of the NIR-Absorbing Ferrocenyl Pyridone BODIPYs. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 318-324.	1.0	21
111	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.	0.7	20
112	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.	4.8	20
113	Profiling Energetics and Spectroscopic Signatures in Prototropic Tautomers of Asymmetric Phthalocyanine Analogues. <i>Journal of Physical Chemistry A</i> , 2012, 116, 7364-7371.	1.1	20
114	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.	1.5	20
115	Tuning Electron-Transfer Properties in 5,10,15,20-Tetra(2-hexanoylferrocenyl)porphyrins as Prospective Systems for Quantum Cellular Automata and Platforms for Four-Bit Information Storage. <i>Inorganic Chemistry</i> , 2017, 56, 4716-4727.	1.9	20
116	1,7-Dipyrene-Containing Aza-BODIPYs: Are Pyrene Groups Effective as Ligands To Promote and Direct Complex Formation with Common Nanocarbon Materials?. <i>Journal of Physical Chemistry C</i> , 2018, 122, 27893-27916.	1.5	20
117	Solution, Solid, and Gas Phase Studies on a Nickel Dithiolene System: Spectator Metal and Reactor Ligand. <i>Inorganic Chemistry</i> , 2015, 54, 7703-7716.	1.9	19
118	Development of Iminoiodanes with Improved Reactivity for Metal-Free [2+2+1] Cycloaddition Type Reactions. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3860-3864.	2.1	19
119	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.	0.7	18
120	Preparation and characterization of first optically active rigid phthalocyanine dimers. <i>Tetrahedron Letters</i> , 2007, 48, 5425-5428.	0.7	18
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228	Cover Feature: Radical Complexes of Nickel(II)/Copper(II) and Redox Nonâ€‰innocent MBâ€‰DIPY Ligands: Unusual Stability and Strong Nearâ€‰Infrared Absorption at $\lambda_{\text{max}} \approx 1300 \text{ nm}$ (Chem. Eur. J.)	1.7	0