

Sankar Prasad Rath

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

116
papers

3,068
citations

35
h-index

44
g-index

126
ext. papers

3,349
ext. citations

5.5
avg, IF

5.76
L-index

#	Paper	IF	Citations
116	Ferromagnetic Coupling in Oxidovanadium(IV)-Porphyrin Radical Dimers. <i>Inorganic Chemistry</i> , 2021 , 60, 16492-16506	5.1	0
115	Fluoro-bridged dimanganese(III) porphyrin dimer: Effect of intermacrocyclic interactions in modulating metal spin state. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021 , 25, 522-532	1.8	1
114	Through Bridge Spin Coupling in Homo- and Heterobimetallic Porphyrin Dimers upon Stepwise Oxidations: A Spectroscopic and Theoretical Investigation. <i>Chemistry - A European Journal</i> , 2021 , 27, 11428-11441	4.8	11
113	Heme-Heme Interactions in Diheme Cytochromes: Effect of Mixed-Axial Ligation on the Electronic Structure and Electrochemical Properties. <i>Inorganic Chemistry</i> , 2021 , 60, 12870-12882	5.1	0
112	Complexation of Chiral Zinc(II)Porphyrin with Chiral Guests: Control, Discrimination and Rationalization of Supramolecular Chirality. <i>Inorganic Chemistry</i> , 2020 , 59, 7795-7809	5.1	4
111	Intermacrocyclic Interactions upon Stepwise Oxidations in a Monometallic Porphyrin Dimer: Ring versus Metal-Center Oxidations and Effect of Counter Anions. <i>Chemistry - A European Journal</i> , 2020 , 26, 14405-14418	4.8	4
110	Induction, control, and rationalization of supramolecular chirogenesis using metalloporphyrin tweezers: a structure-function correlation. <i>Dalton Transactions</i> , 2020 , 49, 10679-10700	4.3	9
109	Stepwise Oxidations in a Cofacial Copper(II) Porphyrin Dimer: Through-Space Spin-Coupling and Interplay between Metal and Radical Spins. <i>Chemistry - A European Journal</i> , 2020 , 26, 7869-7880	4.8	7
108	Molecule to Supramolecule: Chirality Induction, Inversion, and Amplification in a Mg(II)porphyrin Dimer Templated by Chiral Diols. <i>Inorganic Chemistry</i> , 2020 , 59, 801-809	5.1	7
107	Cyclic metalloporphyrin dimers: Conformational flexibility, applications and future prospects. <i>Coordination Chemistry Reviews</i> , 2020 , 405, 213117	23.2	17
106	Hg ^{II} Hg ^{II} Hg ^{II} Interaction Stabilizes Unusual Trinuclear Double Sandwich Structure of Mercury(II) Porphyrins. <i>Inorganic Chemistry</i> , 2020 , 59, 12988-12993	5.1	1
105	A dimanganese(III) porphyrin dication diradical and its transformation to a Ehydroxo porphyrin-oxophlorin heterodimer. <i>Chemical Communications</i> , 2019 , 55, 1588-1591	5.8	13
104	Stepwise oxidations of a nickel(II)-iron(III) heterobimetallic porphyrin dimer: structure, spectroscopic and theoretical investigation. <i>Dalton Transactions</i> , 2019 , 48, 10089-10103	4.3	4
103	A counter ion triggers stabilization of two geometrical isomers of a Ni(II) dication diradical porphyrin dimer: the role of anion-π interactions. <i>Chemical Communications</i> , 2019 , 55, 7926-7929	5.8	8
102	Axial ligand mediated switchable rotary motions in a ferrocene-bridged diiron(III) porphyrin dimer. <i>Journal of Organometallic Chemistry</i> , 2019 , 894, 28-38	2.3	9
101	Through-Space Spin Coupling in a Silver(II) Porphyrin Dimer upon Stepwise Oxidations: Ag ^{II} Ag ^{II} , Ag ^{II} Ag ^{III} , and Ag ^{III} Ag ^{III} Metallophilic Interactions. <i>Chemistry - A European Journal</i> , 2019 , 25, 10098-10110	4.8	11
100	Equatorial ligand plane perturbations lead to a spin-state change in an iron(III) porphyrin dimer. <i>Dalton Transactions</i> , 2019 , 48, 6353-6357	4.3	13

99	Complexation of Chiral Zinc(II) Porphyrin Tweezer with Achiral Aliphatic Diamines : Molecular Dynamics, Electronic CD, and H NMR Analysis. <i>Inorganic Chemistry</i> , 2019 , 58, 11420-11438	5.1	16
98	Through-Space Spin Coupling in a Silver(II) Porphyrin Dimer upon Stepwise Oxidations: AgII ²⁺ AgII, AgII ²⁺ AgIII, and AgIII ³⁺ AgIII Metallophilic Interactions. <i>Chemistry - A European Journal</i> , 2019 , 25, 10025-10025	4.8	5
97	Controlling the Photophysics of Aromatic Guests Using a Cyclic Porphyrin Dimer: Synthesis, Structure, and Encapsulation-Mediated ON-OFF Switch. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 3629-3637	2.3	5
96	Stabilizing intermediate-spin state in iron(III) porphyrins. <i>Polyhedron</i> , 2019 , 172, 8-14	2.7	2
95	Ethene-bridged diiron porphyrin dimer as models of diheme cytochrome c: Structure-function correlation and modulation of heme redox potential. <i>Inorganica Chimica Acta</i> , 2019 , 484, 503-512	2.7	13
94	Multiheme proteins: effect of heme-heme interactions. <i>Dalton Transactions</i> , 2018 , 47, 14388-14401	4.3	27
93	Modulation of iron spin in ethane-bridged diiron(III) porphyrin dimer: anion dependent spin state switching. <i>Journal of Chemical Sciences</i> , 2018 , 130, 1	1.8	14
92	Unusual Stabilization of Dication Diradical Intermediate of Dizinc(II) Porphyrin Dimer. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018 , 644, 856-863	1.3	14
91	Diheme Cytochrome c: Structure-Function Correlation and Effect of Heme-Heme Interactions. <i>Inorganic Chemistry</i> , 2018 , 57, 11498-11510	5.1	15
90	Complexation of Chiral Zinc-Porphyrin Tweezer with Achiral Diamines: Induction and Two-Step Inversion of Interporphyrin Helicity Monitored by ECD. <i>Inorganic Chemistry</i> , 2017 , 56, 3849-3860	5.1	20
89	Oxo- and hydroxo-bridged diiron(III) porphyrin dimers: Inorganic and bio-inorganic perspectives and effects of intermacrocylic interactions. <i>Coordination Chemistry Reviews</i> , 2017 , 337, 112-144	23.2	42
88	A Tunable Cyclic Container: Guest-Induced Conformational Switching, Efficient Guest Exchange, and Selective Isolation of C from a Fullerene Mixture. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 1824-1835	4.5	18
87	Hydroxo-bridged diiron(III) and dimanganese(III) bisporphyrins: modulation of metal spins by counter anions. <i>Dalton Transactions</i> , 2017 , 46, 1012-1037	4.3	30
86	Probing Bis-Fe MauG: Isolation of Highly Reactive Radical Intermediates. <i>Chemistry - A European Journal</i> , 2017 , 23, 10270-10275	4.8	20
85	Silver(III) ²⁺ Silver(III) Interactions that Stabilize the syn Form in a Porphyrin Dimer Upon Oxidation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8849-8854	16.4	26
84	Silver(III) ²⁺ Silver(III) Interactions that Stabilize the syn Form in a Porphyrin Dimer Upon Oxidation. <i>Angewandte Chemie</i> , 2017 , 129, 8975-8980	3.6	8
83	Cyclic Bis-porphyrin-Based Flexible Molecular Containers: Controlling Guest Arrangements and Supramolecular Catalysis by Tuning Cavity Size. <i>Chemistry - A European Journal</i> , 2017 , 23, 7093-7103	4.8	23
82	Intermacrocylic Interaction Triggers Facile One-Pot Synthesis of a Chlorin-Porphyrin Heterodimer. <i>Chemistry - A European Journal</i> , 2017 , 23, 13415-13422	4.8	18

81	Metal-Center-Driven Supramolecular Chirogenesis in Tweezer Amino Alcohol Complexes: Structural, Spectroscopic, and Theoretical Investigations. <i>Inorganic Chemistry</i> , 2017 , 56, 15203-15215	5.1	14
80	Effect of Inter-Porphyrin Distance on Spin-State in Diiron(III) μ -Hydroxo Bisporphyrins. <i>Chemistry - A European Journal</i> , 2016 , 22, 14585-97	4.8	30
79	A Highly Oxidized Cobalt Porphyrin Dimer: Spin Coupling and Stabilization of the Four-Electron Oxidation Product. <i>Angewandte Chemie</i> , 2016 , 128, 1008-1012	3.6	14
78	A Highly Oxidized Cobalt Porphyrin Dimer: Spin Coupling and Stabilization of the Four-Electron Oxidation Product. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 996-1000	16.4	40
77	A Nonempirical Approach for Direct Determination of the Absolute Configuration of 1,2-Diols and Amino Alcohols Using Mg(II)bisporphyrin. <i>Journal of Organic Chemistry</i> , 2016 , 81, 5440-9	4.2	28
76	Effect of Two Interacting Rings in Metalloporphyrin Dimers upon Stepwise Oxidations. <i>Inorganic Chemistry</i> , 2016 , 55, 3229-38	5.1	36
75	Experimental and Theoretical Investigation of a Series of Novel Dimanganese(III) μ -Hydroxo Bisporphyrins: Magneto-Structural Correlation and Effect of Metal Spin on Porphyrin Core Deformation. <i>Inorganic Chemistry</i> , 2016 , 55, 3239-51	5.1	27
74	Oxidation triggers extensive conjugation and unusual stabilization of two di-heme dication diradical intermediates: role of bridging group for electronic communication. <i>Chemical Science</i> , 2016 , 7, 1212-1223	9.4	37
73	Spin Modulation in Highly Distorted Fe(III) Porphyrinates by Using Axial Coordination and Their μ -Cation Radicals. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 3441-3453	2.3	23
72	Diiron(III)- μ -Fluoro Bisporphyrins: Effect of Bridging Ligand on the Metal Spin State. <i>Chemistry - A European Journal</i> , 2016 , 22, 11214-23	4.8	35
71	Cyclic Zinc(II) Bisporphyrin-Based Molecular Switches: Supramolecular Control of Complexation-Mediated Conformational Switching and Photoinduced Electron Transfer. <i>Chemistry - A European Journal</i> , 2016 , 22, 5607-19	4.8	27
70	Efficient Host-Guest Complexation of a Bisporphyrin Host with Electron Deficient Guests: Synthesis, Structure, and Photoinduced Electron Transfer. <i>Israel Journal of Chemistry</i> , 2016 , 56, 144-155	3.4	15
69	Binuclear Highly Distorted Iron(III) Porphyrins Bridged by the Dianions of Hydroquinones: Role of the Bridge in Electronic Communication. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 3305-3313	2.3	13
68	Induction and Rationalization of Supramolecular Chirality in the Tweezer-Diamine Complexes: Insights from Experimental and DFT Studies. <i>Inorganic Chemistry</i> , 2016 , 55, 13014-13026	5.1	16
67	Remarkable Anion-Dependent Spin-State Switching in Diiron(III) μ -Hydroxo Bisporphyrins: What Role do Counterions Play?. <i>Chemistry - A European Journal</i> , 2016 , 22, 16124-16137	4.8	25
66	Step-wise induction, amplification and inversion of molecular chirality through the coordination of chiral diamines with Zn(II) bisporphyrin. <i>Chemical Communications</i> , 2015 , 51, 895-8	5.8	26
65	Metal-coordination-driven mixed ligand binding in supramolecular bisporphyrin tweezers. <i>Chemical Communications</i> , 2015 , 51, 14107-10	5.8	25
64	An ethane-bridged porphyrin dimer as a model of di-heme proteins: inorganic and bioinorganic perspectives and consequences of heme-heme interactions. <i>Dalton Transactions</i> , 2015 , 44, 16195-211	4.3	54

63	Iron(III) and copper(II) complexes of trans-bis(ferrocenyl)porphyrin: Effect of metal ions on long-range electronic communication. <i>Journal of Chemical Sciences</i> , 2015 , 127, 327-335	1.8	10
62	Aggregation-controlled excimer emission in an axial anthraceneBn(IV)porphyrinBnanthracene triad in the solid and solution phases. <i>New Journal of Chemistry</i> , 2015 , 39, 4100-4108	3.6	14
61	Controlled generation of highly saddled (porphyrinato)iron(III) iodide, tri-iodide and one-electron oxidized complexes. <i>Chemical Communications</i> , 2015 , 51, 16790-3	5.8	29
60	Hydrogen-bonding interactions trigger a spin-flip in iron(III) porphyrin complexes. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4796-800	16.4	66
59	Highly Selective and Sensitive Detection of Picric Acid Explosive by a Bisporphyrin Cleft: Synergistic Effects of Encapsulation, Efficient Electron Transfer, and Hydrogen Bonding. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4956-4964	2.3	23
58	Spin-state ordering in hydroxo-bridged diiron(III)bisporphyrin complexes. <i>Inorganic Chemistry</i> , 2015 , 54, 1919-30	5.1	45
57	Hydrogen-Bonding Interactions Trigger a Spin-Flip in Iron(III) Porphyrin Complexes. <i>Angewandte Chemie</i> , 2015 , 127, 4878-4882	3.6	21
56	Transfer and control of molecular chirality in the 1 : 2 host-guest supramolecular complex consisting of Mg(II)bisporphyrin and chiral diols: the effect of H-bonding on the rationalization of chirality. <i>Chemical Communications</i> , 2014 , 50, 14037-40	5.8	27
55	Self-assembly of cobalt(II) and zinc(II) tetranitrooctaethylporphyrin via bidentate axial ligands: synthesis, structure, surface morphology and effect of axial coordination. <i>New Journal of Chemistry</i> , 2014 , 38, 1458	3.6	11
54	Syn-anti conformational switching in an ethane-bridged Co(II)bisporphyrin induced by external stimuli: effects of inter-macrocyclic interactions, axial ligation and chemical and electrochemical oxidations. <i>Dalton Transactions</i> , 2014 , 43, 2301-14	4.3	42
53	Synthesis, structure, and properties of a series of chiral tweezer-diamine complexes consisting of an achiral zinc(II) bisporphyrin host and chiral diamine guest: induction and rationalization of supramolecular chirality. <i>Inorganic Chemistry</i> , 2014 , 53, 49-62	5.1	41
52	Highly enhanced bisignate circular dichroism of ferrocene-bridged Zn(II) bisporphyrin tweezer with extended chiral substrates due to well-matched host-guest system. <i>Inorganic Chemistry</i> , 2014 , 53, 2381-95 ¹	5.1	44
51	Axial thiophenolate coordination on diiron(III)bisporphyrin: influence of heme-heme interactions on structure, function and electrochemical properties of the individual heme center. <i>Inorganic Chemistry</i> , 2014 , 53, 11925-36	5.1	42
50	Building-up novel coordination polymer with Zn(II) porphyrin dimer: Synthesis, structures, surface morphology and effect of axial ligands. <i>Journal of Chemical Sciences</i> , 2014 , 126, 1451-1461	1.8	13
49	Supramolecular BODIPY-Zn(II)-bisporphyrin dyad and trinitrofluorenone encapsulated triad as models of antenna-reaction center: synthesis, structure and photophysical properties. <i>Dalton Transactions</i> , 2013 , 42, 12381-94	4.3	35
48	Formation of exoBxo, exoBndo and tweezer conformation induced by axial ligand in a Zn(II) bisporphyrin: Synthesis, structure and properties. <i>Polyhedron</i> , 2013 , 52, 761-769	2.7	31
47	Unusual stabilization of an intermediate spin state of iron upon the axial phenoxide coordination of a diiron(III)-bisporphyrin: effect of heme-heme interactions. <i>Chemistry - A European Journal</i> , 2013 , 19, 13732-44	4.8	49
46	Effect of heme-heme interactions and modulation of metal spins by counter anions in a series of diiron(III)-hydroxo bisporphyrins: unusual stabilization of two different spins in a single molecular framework. <i>Chemistry - A European Journal</i> , 2013 , 19, 17846-59	4.8	45

45	Induction of supramolecular chirality in di-zinc(II) bisporphyrin via tweezer formation: synthesis, structure and rationalization of chirality. <i>Chemical Communications</i> , 2012 , 48, 4070-2	5.8	38
44	Switching orientation of two axial imidazole ligands between parallel and perpendicular in low-spin Fe(III) and Fe(II) nonplanar porphyrinates. <i>Inorganic Chemistry</i> , 2012 , 51, 11294-305	5.1	33
43	Building-up remarkably stable magnesium porphyrin polymers self-assembled via bidentate axial ligands: synthesis, structure, surface morphology, and effect of bridging ligands. <i>Inorganic Chemistry</i> , 2012 , 51, 9666-76	5.1	34
42	Protonation of an oxo-bridged diiron unit gives two different iron centers: synthesis and structure of a new class of diiron(III)-hydroxo bisporphyrins and the control of spin states by using counterions. <i>Chemistry - A European Journal</i> , 2012 , 18, 13025-37	4.8	48
41	Encapsulation of TCNQ and the acridinium ion within a bisporphyrin cavity: synthesis, structure, and photophysical and HOMO-LUMO-gap-mediated electron-transfer properties. <i>Chemistry - A European Journal</i> , 2012 , 18, 7404-17	4.8	51
40	Control of spins by ring deformation in a diiron(III)bisporphyrin: reversal of ClO ₄ ⁻ and CF ₃ SO ₃ ⁻ ligand field strength in the magnetochemical series. <i>Chemical Communications</i> , 2011 , 47, 4790-2	5.8	53
39	Axial phenoxide coordination on di-iron(III) bisporphyrin: Insights from experimental and DFT studies. <i>Journal of Chemical Sciences</i> , 2011 , 123, 827-837	1.8	32
38	Syn ^{anti} conformational switching: Synthesis and X-ray structures of tweezer and anti form in a zinc porphyrin dimer induced by axial ligands. <i>Inorganica Chimica Acta</i> , 2011 , 372, 62-70	2.7	37
37	Efficient complexation of pyrrole-bridged dizinc(II) bisporphyrin with fluorescent probe pyrene: synthesis, structure, and photoinduced singlet-singlet energy transfer. <i>Chemistry - A European Journal</i> , 2011 , 17, 11478-87	4.8	40
36	Effects of axial pyridine coordination on a saddle-distorted porphyrin macrocycle: stabilization of hexa-coordinated high-spin Fe(III) and air-stable low-spin iron(II) porphyrinates. <i>Dalton Transactions</i> , 2010 , 39, 5795-806	4.3	41
35	A remarkably bent diiron(III)-hydroxo bisporphyrin: unusual stabilization of two spin states of iron in a single molecular framework. <i>Journal of the American Chemical Society</i> , 2010 , 132, 17983-5	16.4	71
34	Synthesis and characterization of anti-bisFe(III) porphyrins, syn-bisFe(III)-mu-oxo porphyrin, and syn-bisFe(III)-mu-oxo porphyrin cation radical. <i>Inorganic Chemistry</i> , 2010 , 49, 3449-60	5.1	76
33	Axial ligand orientations in a distorted porphyrin macrocycle: synthesis, structure, and properties of low-spin bis(imidazole)iron(III) and iron(II) porphyrinates. <i>Inorganic Chemistry</i> , 2010 , 49, 2057-67	5.1	46
32	Binding of Catechols to Iron(III) Octaethylporphyrin: An Experimental and DFT Investigation. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 5211-5221	2.3	24
31	Synthesis, structure and photocatalytic activity of a remarkably bent, cofacial ethene-linked diiron(III) bisporphyrin. <i>Inorganica Chimica Acta</i> , 2010 , 363, 2791-2799	2.7	58
30	The Effect of Steric Crowding on Porphyrin Conformation and Ring Orientations in a Series of Iron(III) Oxo Dimers Containing meso-Nitrooctaethylporphyrins. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 654-665	2.3	22
29	Cyanide binding to iron in a highly distorted porphyrin macrocycle: Synthesis and structure of low-spin Fe(II) dicyano porphyrin. <i>Inorganic Chemistry Communication</i> , 2009 , 12, 515-519	3.1	38
28	Axial ligand coordination in sterically strained vanadyl porphyrins: synthesis, structure, and properties. <i>Inorganic Chemistry</i> , 2008 , 47, 9848-56	5.1	38

27	Electronic structure of the glyoxalbis(2-hydroxyanil) (gha) ligand in [Co(III)(gha)(PPh ₃) ₂] ⁺ : radical vs. non-radical states. <i>Dalton Transactions</i> , 2008 , 3438-46	4.3	11
26	Remarkably bent, ethane-linked, diiron(III) mu-oxobisporphyrin: synthesis, structure, conformational switching, and photocatalytic oxidation. <i>Inorganic Chemistry</i> , 2008 , 47, 10196-8	5.1	62
25	Modulation of metal displacements in a saddle distorted macrocycle: synthesis, structure, and properties of high-spin Fe(III) porphyrins and implications for the hemoproteins. <i>Inorganic Chemistry</i> , 2008 , 47, 8324-35	5.1	55
24	First ruthenium complex of glyoxalbis(N-phenyl)osazone (L(NHPh)H(2)): synthesis, x-ray structure, spectra, and density functional theory calculations of (L(NHPh)H(2))Ru(PPh(3))(2)Cl(2). <i>Inorganic Chemistry</i> , 2007 , 46, 5942-8	5.1	18
23	Dioxygen reactivity of meso-hydroxylated hemes: Intermediates in heme degradation process catalyzed by heme oxygenase. <i>Journal of Chemical Sciences</i> , 2006 , 118, 463-474	1.8	5
22	Electron distribution in iron octaethylxophlorin complexes. Importance of the Fe(III) oxophlorin trianion form in the bis-pyridine and bis-imidazole complexes. <i>Inorganic Chemistry</i> , 2006 , 45, 6083-93	5.1	27
21	Metal complexes of meso-amino-octaethylporphyrin and the oxidation of Ni(II)(meso-amino-octaethylporphyrin). <i>Inorganic Chemistry</i> , 2005 , 44, 1452-9	5.1	14
20	A Novel Pentacoordinated Dioxovanadium(V) Salicylaldiminate: Solvent Specific Crystallization of Dimorphs with Contrasting Coordination Geometries, Ligand Conformations and Supramolecular Architectures. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 1873-1878	2.3	15
19	Pyramidalization of Gd ₃ N inside a C ₈₀ cage. The synthesis and structure of Gd ₃ N@C ₈₀ . <i>Chemical Communications</i> , 2004 , 2814-5	5.8	118
18	Reactions of meso-hydroxyhemes with carbon monoxide and reducing agents in search of the elusive species responsible for the g = 2.006 resonance of carbon monoxide-treated heme oxygenase. Isolation of diamagnetic iron(II) complexes of octaethyl-meso-hydroxyporphyrin. <i>Inorganic Chemistry</i> , 2004 , 43, 6357-65	5.1	18
17	Formation of a highly oxidized iron biliverdin complex upon treatment of a five-coordinate verdoheme with dioxygen. <i>Journal of the American Chemical Society</i> , 2004 , 126, 6210-1	16.4	35
16	Oxidative verdoheme formation and stabilization by axial isocyanide ligation. <i>Inorganic Chemistry</i> , 2004 , 43, 7648-55	5.1	21
15	Facile ring opening of iron(III) and iron(II) complexes of meso-amino-octaethylporphyrin by dioxygen. <i>Journal of the American Chemical Society</i> , 2004 , 126, 646-54	16.4	30
14	The effects of axial ligands on electron distribution and spin states in iron complexes of octaethylxophlorin, intermediates in heme degradation. <i>Journal of the American Chemical Society</i> , 2004 , 126, 6379-86	16.4	31
13	Reversible binding of nitric oxide and carbon-carbon bond formation in a meso-hydroxylated heme. <i>Journal of the American Chemical Society</i> , 2003 , 125, 11798-9	16.4	15
12	Heme cleavage with remarkable ease: paramagnetic intermediates formed by aerobic oxidation of a meso-amino-substituted iron porphyrin. <i>Journal of the American Chemical Society</i> , 2003 , 125, 4674-5	16.4	24
11	Formation and isolation of an iron-tripyrrole complex from heme degradation. <i>Journal of the American Chemical Society</i> , 2003 , 125, 12678-9	16.4	36
10	Ruthenium dithiophosphates: synthesis, X-ray crystal structure, spectroscopic and electrochemical properties. <i>Polyhedron</i> , 2000 , 19, 801-808	2.7	13

9	Synthesis, structure and properties of mononuclear oxovanadium(V) alkoxides incorporating chelated ethane-1,2-diol and propane-1,3-diol. <i>Polyhedron</i> , 2000 , 19, 931-936	2.7	23
8	Sugar binding to VO ₃ ⁺ . Synthesis and structure of a new mannopyranoside vanadate. <i>Inorganic Chemistry</i> , 2000 , 39, 1598-601	5.1	18
7	Carbohydrate Binding to VO(3+). Sugar Vanadate Esters Incorporating L-Amino Acid Schiff Bases as Coligands. <i>Inorganic Chemistry</i> , 1999 , 38, 3283-3289	5.1	27
6	Sugar vanadates: synthesis and characterisation of mannopyranoside and ribofuranside esters incorporating VO ₃ ⁺ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 2537-2540		12
5	Synthesis, Structure, and Catecholase Reaction of a Vanadate Ester System Incorporating Monoionized Catechol Chelation. <i>Inorganic Chemistry</i> , 1999 , 38, 4376-4377	5.1	24
4	Synthesis and structure of vanadate esters of glycerol and propane-1,3-diol. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998 , 2097-2102		29
3	A Family of (N-Salicylidene- β -amino acidato)vanadate Esters Incorporating Chelated Propane-1,3-diol and Glycerol: Synthesis, Structure, and Reaction. <i>Inorganic Chemistry</i> , 1998 , 37, 1713-1719	5.1	39
2	Chemistry of hydrazonato oxovanadium(V) alkoxides derived from dihydric/monohydric alcohols. <i>Inorganica Chimica Acta</i> , 1997 , 263, 247-253	2.7	42
1	Chemistry of oxovanadium(V) alkoxides: synthesis and structure of mononuclear complexes incorporating ethane-1,2-diol. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996 , 99		31