

GraÅ¼yna Stochel

List of Publications by Year in descending order

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187
papers

7,126
citations

46918

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195
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docs citations

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times ranked

8164
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#	ARTICLE	IF	CITATIONS
1	Relevance of the electron transfer pathway in photodynamic activity of Ru(<i>tris</i>) polypyridyl complexes containing 4,7-diphenyl-1,10-phenanthroline ligands under normoxic and hypoxic conditions. <i>Dalton Transactions</i> , 2022, 51, 1888-1900.	1.6	7
2	Influence of modified nano-copper oxide particles on the reaction between nitrocobalamin and ascorbic acid. <i>Polyhedron</i> , 2022, 223, 115942.	1.0	1
3	Physicochemical Analysis of Water Extracts of Particulate Matter from Polluted Air in the Area of Kraków, Poland. <i>Atmosphere</i> , 2021, 12, 565.	1.0	4
4	Can Particulate Matter and Nano Metal Oxide Particles Affect the Redox Cycling of Nitrosylcobalamin in Weakly Acidic Aqueous Solution?. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2325-2333.	1.0	4
5	Ligand-Tuning of the Stability of Pd(II) Conjugates with Cyanocobalamin. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7973.	1.8	4
6	Influence of Krakow Winter and Summer Dusts on the Redox Cycling of Vitamin B12a in the Presence of Ascorbic Acid. <i>Atmosphere</i> , 2021, 12, 1050.	1.0	2
7	High-Pressure Mechanistic Insight into Bioinorganic NO Chemistry. <i>Molecules</i> , 2021, 26, 4947.	1.7	1
8	Experimental and Computational Insight into the Mechanism of NO Binding to Ferric Microperoxidase. The Likely Role of Tautomerization to Account for the pH Dependence. <i>Inorganic Chemistry</i> , 2021, 60, 15948-15967.	1.9	4
9	Blood Plasma's Protective Ability against the Degradation of S-Nitrosoglutathione under the Influence of Air-Pollution-Derived Metal Ions in Patients with Exacerbation of Heart Failure and Coronary Artery Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10500.	1.8	2
10	Generation and photogeneration of hydroxyl radicals and singlet oxygen by particulate matter and its inorganic components. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106478.	3.3	8
11	Mechanistic Studies on the Reaction between Aquacobalamin and the HNO Donor Protonic Acid over a Wide pH Range in Aqueous Solution. <i>Inorganic Chemistry</i> , 2021, 60, 2964-2975.	1.9	10
12	Chlorophyll <i>a</i> Cation Radical as Redox Mediator in Superoxide Dismutase (SOD) Mimetics. <i>ChemPhysChem</i> , 2021, 22, 344-348.	1.0	2
13	Enhancement of NO release from S-nitrosoalbumin by pollution derived metal ions. <i>Dalton Transactions</i> , 2021, 50, 9923-9933.	1.6	4
14	Evaluation of anticancer activity in vitro of a stable copper(I) complex with phosphine-peptide conjugate. <i>Scientific Reports</i> , 2021, 11, 23943.	1.6	11
15	Anticancer potency of novel organometallic Ir(<i>tris</i>) complexes with phosphine derivatives of fluoroquinolones encapsulated in polymeric micelles. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3386-3401.	3.0	19
16	Variations in Reactive Oxygen Species Generation by Urban Airborne Particulate Matter in Lung Epithelial Cells: Impact of Inorganic Fraction. <i>Frontiers in Chemistry</i> , 2020, 8, 581752.	1.8	11
17	Influence of aqueous extracts of urban airborne particulate matter on the structure and function of human serum albumin. <i>Environmental Pollution</i> , 2020, 263, 114667.	3.7	9
18	A Kinetic Study on the Efficient Formation of High-Valent Mn(TPPS)-oxo Complexes by Various Oxidants. <i>Catalysts</i> , 2020, 10, 610.	1.6	2

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19	Enhanced Cellular Uptake and Photodynamic Effect with Amphiphilic Fluorinated Porphyrins: The Role of Sulfoester Groups and the Nature of Reactive Oxygen Species. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2786.	1.8	27
20	Perspectives of molecular and nanostructured systems with d- and f-block metals in photogeneration of reactive oxygen species for medical strategies. <i>Coordination Chemistry Reviews</i> , 2019, 398, 113012.	9.5	23
21	Nitrosyl- versus nitroxyl-cobalamin?. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 311-313.	1.1	4
22	Urban Particulate Matter-Induced Decomposition of <i>S</i> -Nitrosoglutathione Relevant to Aberrant Nitric Oxide Biological Signaling. <i>ChemSusChem</i> , 2019, 12, 661-671.	3.6	7
23	The Influence of Redox-Active Transition Metal Containing Micro- and Nanoparticles on the Properties of Representative Bioinorganic Reaction Systems. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1229-1235.	1.0	6
24	Generation of hydroxyl radicals and singlet oxygen by particulate matter and its inorganic components. <i>Environmental Pollution</i> , 2018, 238, 638-646.	3.7	40
25	Can nitrocobalamin be reduced by ascorbic acid to nitroxylcobalamin? Some surprising mechanistic findings. <i>Journal of Biological Inorganic Chemistry</i> , 2018, 23, 377-383.	1.1	7
26	Activation volumes for <i>cis</i> -to- <i>trans</i> isomerisation reactions of azophenols: a clear mechanistic indicator?. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 1286-1292.	1.3	15
27	Catalytic Degradation of Orange II by Mn(III)(TPPS) in Basic Hydrogen Peroxide Medium: A Detailed Kinetic Analysis. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3462-3471.	1.0	9
28	Have photosynthetic pigments been formulated for chemical stability? A cursory insight into the reactivity of magnesium porphyrinoids. <i>Journal of Coordination Chemistry</i> , 2018, 71, 1837-1851.	0.8	2
29	Nitroimidazole derivatives of polypyridyl ruthenium complexes: Towards understanding their anticancer activity and mode of action. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 101, 43-55.	1.9	7
30	Bactericidal Effect of Gold-Chitosan Nanocomposites in Coculture Models of Pathogenic Bacteria and Human Macrophages. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 17693-17701.	4.0	51
31	Bioinorganic antimicrobial strategies in the resistance era. <i>Coordination Chemistry Reviews</i> , 2017, 351, 76-117.	9.5	124
32	Chemical composition of submicron and fine particulate matter collected in Krakow, Poland. Consequences for the APARIC project. <i>Chemosphere</i> , 2017, 187, 430-439.	4.2	42
33	New ruthenium compounds bearing semicarbazone 2-formylpyridine moiety: Playing with auxiliary ligands for tuning the mechanism of biological activity. <i>Journal of Inorganic Biochemistry</i> , 2017, 175, 80-91.	1.5	20
34	Development of noncytotoxic silver-chitosan nanocomposites for efficient control of biofilm forming microbes. <i>RSC Advances</i> , 2017, 7, 52398-52413.	1.7	87
35	Chitosan-based nanocomposites for the repair of bone defects. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2231-2240.	1.7	42
36	Factors controlling the reactivity of divalent metal ions towards pheophytin a. <i>Journal of Biological Inorganic Chemistry</i> , 2017, 22, 941-952.	1.1	9

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37	Effects of the Selected Iminosugar Derivatives on <i>Pseudomonas aeruginosa</i> Biofilm Formation. Microbial Drug Resistance, 2016, 22, 638-645.	0.9	6
38	Design of Pluronic-Based Formulation for Enhanced Redaporfin-Photodynamic Therapy against Pigmented Melanoma. ACS Applied Materials & Interfaces, 2016, 8, 22039-22055.	4.0	80
39	Hypoxia-selective inhibition of angiogenesis development by NAMI-A analogues. BioMetals, 2016, 29, 1035-1046.	1.8	8
40	Mechanistic studies on versatile metal-assisted hydrogen peroxide activation processes for biomedical and environmental incentives. Coordination Chemistry Reviews, 2016, 327-328, 143-165.	9.5	57
41	Engineering of relevant photodynamic processes through structural modifications of metallotetrapyrrolic photosensitizers. Coordination Chemistry Reviews, 2016, 325, 67-101.	9.5	222
42	Redox cycling in the activation of peroxides by iron porphyrin and manganese complexes. "Catching" catalytic active intermediates. Coordination Chemistry Reviews, 2016, 306, 483-509.	9.5	63
43	Spectroscopic and kinetic evidence for redox cycling, catalase and degradation activities of Mn ^{III} (TPPS) in a basic aqueous peroxide medium. Chemical Communications, 2016, 52, 5297-5300.	2.2	8
44	Anticancer activity of ruthenium(II) polypyridine complexes bearing pyrrolidine substituents. Inorganica Chimica Acta, 2016, 443, 86-90.	1.2	13
45	New ruthenium(II) coordination compounds possessing bidentate aminomethylphosphane ligands: synthesis, characterization and preliminary biological study in vitro. Dalton Transactions, 2015, 44, 13969-13978.	1.6	14
46	Influence of redox activation of NAMI-A on affinity to serum proteins: transferrin and albumin. Journal of Coordination Chemistry, 2015, 68, 3181-3192.	0.8	7
47	Fine tuning of copper(II) "chlorophyll interactions in organic media. Metalation versus oxidation of the macrocycle. Dalton Transactions, 2015, 44, 6012-6022.	1.6	9
48	Study on inhibitory activity of chitosan-based materials against biofilm producing <i>Pseudomonas aeruginosa</i> strains. Journal of Biomaterials Applications, 2015, 30, 269-278.	1.2	39
49	Towards tuning PDT relevant photosensitizer properties: comparative study for the free and Zn ²⁺ coordinated <i>meso</i> -tetrakis[2,6-difluoro-5-(<i>N</i> -methylsulfamoyl)phenyl]porphyrin. Journal of Coordination Chemistry, 2015, 68, 3116-3134.	0.8	37
50	New hybrid materials based on halogenated metalloporphyrins for enhanced visible light photocatalysis. RSC Advances, 2015, 5, 93252-93261.	1.7	30
51	Mechanistic information on the nitrite-controlled reduction of aquacob(III)alamin by ascorbate at physiological pH. Journal of Biological Inorganic Chemistry, 2015, 20, 1069-1078.	1.1	11
52	The quenching effect of chitosan crosslinking on ZnO nanoparticles photocatalytic activity. RSC Advances, 2015, 5, 80089-80097.	1.7	22
53	Metal-Assisted Activation of Nitric Oxide "Mechanistic Aspects of Complex Nitrosylation Processes. Advances in Inorganic Chemistry, 2015, 67, 171-241.	0.4	7
54	Development of Noncytotoxic Chitosan "Gold Nanocomposites as Efficient Antibacterial Materials. ACS Applied Materials & Interfaces, 2015, 7, 1087-1099.	4.0	258

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55	Unexpected formation of [Ru(⁵ I-C ⁵ H ⁵)(PH{CH ₂ N(CH ₂ CH ₂) ₂ O}) ₂] the first "piano-stool" ruthenium complex bearing a secondary aminomethylphosphane ligand. RSC Advances, 2015, 5, 2952-2955.	1.7	10
56	Selective separation of ferric and non-ferric forms of human transferrin by capillary micellar electrokinetic chromatography. Journal of Chromatography A, 2014, 1341, 73-78.	1.8	9
57	Synthesis and characterization of copper(I) coordination compounds with (1-(2-pyridylazo)-2-naphthol) and (4-(2-pyridylazo)resorcinol). Polyhedron, 2014, 68, 357-364.	1.0	17
58	The role of strong hypoxia in tumors after treatment in the outcome of bacteriochlorin-based photodynamic therapy. Free Radical Biology and Medicine, 2014, 73, 239-251.	1.3	69
59	Photodynamic Therapy Efficacy Enhanced by Dynamics: The Role of Charge Transfer and Photostability in the Selection of Photosensitizers. Chemistry - A European Journal, 2014, 20, 5346-5357.	1.7	105
60	2-Nitroimidazole-ruthenium polypyridyl complex as a new conjugate for cancer treatment and visualization. Journal of Inorganic Biochemistry, 2014, 134, 83-91.	1.5	34
61	Base-Catalyzed Hydrolysis of a Ru ^{II} -"Chloro" dmsO Complex and Its Reactivity towards L-Methionine. European Journal of Inorganic Chemistry, 2014, 2014, 1333-1344.	1.0	4
62	Interaction of the NAMI-A complex with nitric oxide under physiological conditions. New Journal of Chemistry, 2014, 38, 3386-3394.	1.4	17
63	High-Pressure and Theoretical Studies Reveal Significant Differences in the Electronic Structure and Bonding of Magnesium, Zinc, and Nickel Ions in Metalloporphyrinoids. Inorganic Chemistry, 2014, 53, 8473-8484.	1.9	12
64	Temperature and Pressure Effects on C-H Abstraction Reactions Involving Compound I and II Mimics in Aqueous Solution. Inorganic Chemistry, 2014, 53, 2848-2857.	1.9	22
65	Mechanistic Insight into Peroxo-Shunt Formation of Biomimetic Models for Compound...II, Their Reactivity toward Organic Substrates, and the Influence of N-Methylimidazole Axial Ligation. Chemistry - A European Journal, 2014, 20, 2328-2343.	1.7	17
66	A high-throughput method for the quantification of iron saturation in lactoferrin preparations. Analytical and Bioanalytical Chemistry, 2013, 405, 5191-5200.	1.9	56
67	Exploring Novel Modified Vitamin B12 as a Drug Carrier: Forecast from Density Functional Theory Modeling. Journal of Physical Chemistry B, 2013, 117, 9655-9661.	1.2	3
68	Green Synthesis of Chitosan-Stabilized Copper Nanoparticles. European Journal of Inorganic Chemistry, 2013, 2013, 4940-4947.	1.0	72
69	Photoinduced hole injection in semiconductor-coordination compound systems. Coordination Chemistry Reviews, 2013, 257, 767-775.	9.5	48
70	Benzothiophen-pyrazine scaffold as a potential membrane targeting drug carrier. Journal of Luminescence, 2013, 140, 51-56.	1.5	9
71	Visible light photoactive titanium dioxide aqueous colloids and coatings. Chemical Engineering Journal, 2013, 230, 188-194.	6.6	25
72	Molecular symmetry determines the mechanism of a very efficient ultrafast excitation-to-heat conversion in Ni-substituted chlorophylls. Biochimica Et Biophysica Acta - Bioenergetics, 2013, 1827, 30-37.	0.5	17

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73	Separation of iron-free and iron-saturated forms of transferrin and lactoferrin via capillary electrophoresis performed in fused-silica and neutral capillaries. <i>Journal of Chromatography A</i> , 2013, 1321, 127-132.	1.8	10
74	Zinc-pheophorbide aâ€”Highly efficient low-cost photosensitizer against human adenocarcinoma in cellular and animal models. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013, 10, 266-277.	1.3	22
75	Interaction of apo-transferrin with anticancer ruthenium complexes NAMI-A and its reduced form. <i>Journal of Inorganic Biochemistry</i> , 2012, 116, 11-18.	1.5	46
76	Improved biodistribution, pharmacokinetics and photodynamic efficacy using a new photostable sulfonamide bacteriochlorin. <i>MedChemComm</i> , 2012, 3, 502.	3.5	38
77	Amphiphilic meso(sulfonate ester fluoroaryl)porphyrins: refining the substituents of porphyrin derivatives for phototherapy and diagnostics. <i>Tetrahedron</i> , 2012, 68, 8767-8772.	1.0	44
78	Combined effects of singlet oxygen and hydroxyl radical in photodynamic therapy with photostable bacteriochlorins: Evidence from intracellular fluorescence and increased photodynamic efficacy in vitro. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1188-1200.	1.3	80
79	Mechanistic Studies on the Reactions of Cyanide with a Water-Soluble Fe(III) Porphyrin and Their Effect on the Binding of NO. <i>Inorganic Chemistry</i> , 2011, 50, 3413-3424.	1.9	8
80	The Classic â€œBrown-Ringâ€•Reaction in a New Medium: Kinetics, Mechanism, and Spectroscopy of the Reversible Binding of Nitric Oxide to Iron(II) in an Ionic Liquid. <i>Inorganic Chemistry</i> , 2011, 50, 3946-3958.	1.9	25
81	Biodistribution and Photodynamic Efficacy of a Waterâ€•Soluble, Stable, Halogenated Bacteriochlorin against Melanoma. <i>ChemMedChem</i> , 2011, 6, 465-475.	1.6	63
82	Tissue Uptake Study and Photodynamic Therapy of Melanomaâ€•Bearing Mice with a Nontoxic, Effective Chlorin. <i>ChemMedChem</i> , 2011, 6, 1715-1726.	1.6	47
83	Visible light driven photocatalysis in chromate(VI)/TiO ₂ systemsâ€”Improving stability of the photocatalyst. <i>Catalysis Today</i> , 2011, 161, 78-83.	2.2	24
84	New Halogenated Waterâ€•Soluble Chlorin and Bacteriochlorin as Photostable PDT Sensitizers: Synthesis, Spectroscopy, Photophysics, and inâ€•vitro Photosensitizing Efficacy. <i>ChemMedChem</i> , 2010, 5, 1770-1780.	1.6	98
85	Mechanisms of Singletâ€•Oxygen and Superoxideâ€•Ion Generation by Porphyrins and Bacteriochlorins and their Implications in Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2010, 16, 9273-9286.	1.7	156
86	Titanium(IV) complexes as direct TiO ₂ photosensitizers. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2687-2701.	9.5	171
87	Structural and Electronic Effects in the Metalation of Porphyrinoids. <i>Theory and Experiment. Inorganic Chemistry</i> , 2010, 49, 7362-7371.	1.9	30
88	New trends in the application of laser flash photolysis â€” case studies. <i>Journal of Coordination Chemistry</i> , 2010, 63, 2695-2714.	0.8	4
89	Mechanistic studies of the hydrolysis of <i>p</i> -nitrophenyl sulfate catalyzed by arylsulfatase from <i>Helix pomatia</i> . <i>Journal of Coordination Chemistry</i> , 2010, 63, 2472-2487.	0.8	5
90	Mechanistic Information on Cu ^{II} Metalation and Transmetalation of Chlorophylls. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2393-2406.	1.0	12

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91	Interaction of selected divalent metal ions with human ataxin-3 Q36. <i>Journal of Biological Inorganic Chemistry</i> , 2009, 14, 1175-1185.	1.1	19
92	Ligand binding properties of cobalamins. <i>Theoretical Chemistry Accounts</i> , 2008, 120, 411-419.	0.5	5
93	The reduction of (ImH)[trans-RuIII Cl ₄ (dmsO)(Im)] under physiological conditions: preferential reaction of the reduced complex with human serum albumin. <i>Journal of Biological Inorganic Chemistry</i> , 2008, 13, 909-918.	1.1	52
94	Interplay between Acetate Ions, Peripheral Groups, and Reactivity of the Core Nitrogens in Transmetalation of Tetrapyrroles. <i>Chemistry - A European Journal</i> , 2008, 14, 9419-9430.	1.7	24
95	Photocytotoxicity of platinum(IV)-chloride surface modified TiO ₂ irradiated with visible light against murine macrophages. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2008, 92, 54-58.	1.7	14
96	Application of high pressure laser flash photolysis in studies on selected hemoprotein reactions. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 1481-1492.	1.1	15
97	Photodynamic activity of platinum(IV) chloride surface-modified TiO ₂ irradiated with visible light. <i>Free Radical Biology and Medicine</i> , 2008, 44, 1120-1130.	1.3	48
98	Central Metal Determines Pharmacokinetics of Chlorophyll-Derived Xenobiotics. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4412-4418.	2.9	34
99	Understanding chlorophylls: Central magnesium ion and phytyl as structural determinants. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, 1491-1500.	0.5	117
100	Photosensitization and Photocurrent Switching in Carminic Acid/Titanium Dioxide Hybrid Material. <i>Journal of Physical Chemistry C</i> , 2008, 112, 19131-19141.	1.5	38
101	Photosensitization and the Photocurrent Switching Effect in Nanocrystalline Titanium Dioxide Functionalized with Iron(II) Complexes: A Comparative Study. <i>Chemistry - A European Journal</i> , 2007, 13, 5676-5687.	1.7	55
102	Theoretical density functional theory studies on interactions of small biologically active molecules with isolated heme group. <i>Journal of Computational Chemistry</i> , 2007, 28, 825-831.	1.5	11
103	Photochemistry of trans- and cis-[RuCl ₂ (dmsO) ₄] in Aqueous and Nonaqueous Solutions. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2353-2359.	1.0	17
104	Synthesis, Photophysical Studies and Anticancer Activity of a New Halogenated Water-Soluble Porphyrin. <i>Photochemistry and Photobiology</i> , 2007, 83, 897-903.	1.3	73
105	Bioinspired Nanodevice Based on the Folic Acid/Titanium Dioxide System. <i>Chemistry - an Asian Journal</i> , 2007, 2, 580-590.	1.7	30
106	Visible light inactivation of bacteria and fungi by modified titanium dioxide. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 642-648.	1.6	207
107	Kinetics and mechanism of the reduction of (ImH)[trans-RuCl ₄ (dmsO)(Im)] by ascorbic acid in acidic aqueous solution. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 809-818.	1.1	36
108	Synthesis, structure and photoelectrochemical properties of the TiO ₂ -Prussian blue nanocomposite. <i>Journal of Materials Chemistry</i> , 2006, 16, 4603-4611.	6.7	54

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109	Optoelectronic Switches Based on Wide Band Gap Semiconductors. <i>Journal of Physical Chemistry B</i> , 2006, 110, 15275-15283.	1.2	63
110	Light-Driven OR and XOR Programmable Chemical Logic Gates. <i>Journal of the American Chemical Society</i> , 2006, 128, 4550-4551.	6.6	149
111	Thermodynamic and Kinetic Studies on the Binding of Nitric Oxide to a New Enzyme Mimic of Cytochrome P450. <i>Journal of the American Chemical Society</i> , 2006, 128, 13611-13624.	6.6	39
112	Singlet Oxygen Photogeneration at Surface Modified Titanium Dioxide. <i>Journal of the American Chemical Society</i> , 2006, 128, 15574-15575.	6.6	194
113	Verteporfin, photofrin II, and merocyanine 540 as PDT photosensitizers against melanoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 549-555.	1.0	54
114	Reactivity of Aquacobalamin and Reduced Cobalamin toward S-Nitrosoglutathione and S-Nitroso-N-acetylpenicillamine. <i>Inorganic Chemistry</i> , 2006, 45, 1367-1379.	1.9	25
115	Redox-Controlled Photosensitization of Nanocrystalline Titanium Dioxide. <i>ChemPhysChem</i> , 2006, 7, 2384-2391.	1.0	44
116	Metal compounds and small molecules activation " case studies. <i>Coordination Chemistry Reviews</i> , 2005, 249, 2437-2457.	9.5	42
117	Bioinorganic Photochemistry: Frontiers and Mechanisms. <i>Chemical Reviews</i> , 2005, 105, 2647-2694.	23.0	671
118	Bioinorganic Photochemistry: Frontiers and Mechanisms. <i>ChemInform</i> , 2005, 36, no.	0.1	2
119	Effects of heavy central metal on the ground and excited states of chlorophyll. <i>Journal of Biological Inorganic Chemistry</i> , 2005, 10, 453-462.	1.1	78
120	Kinetic and Mechanistic Studies on the Reaction of Nitric Oxide with a Water-Soluble Octa-anionic Iron(III) Porphyrin Complex. <i>Inorganic Chemistry</i> , 2005, 44, 7717-7731.	1.9	46
121	Mechanistic Studies on the Binding of Nitric Oxide to a Synthetic Heme Thiolate Complex Relevant to Cytochrome P450. <i>Journal of the American Chemical Society</i> , 2005, 127, 5360-5375.	6.6	57
122	Light-Induced Anticancer Activity of [RuCl ₂ (DMSO) ₄] Complexes. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 7298-7304.	2.9	58
123	A combination of access to preassociation sites and local accumulation tendency in the direct vicinity of G-N7 controls the rate of platination of single-stranded DNA. <i>Dalton Transactions</i> , 2005, , 1221.	1.6	16
124	Mechanistic information on the reaction of cis- and trans-[RuCl ₂ (DMSO) ₄] with d(T ₂ GGT ₂) derived from MALDI-TOF and HPLC studies†. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 1367-1377.	1.5	11
125	Mechanistic information on the copper-catalysed autoxidation of mercaptosuccinic acid in aqueous solution Electronic supplementary information (ESI) available: Spectral changes during reaction. See http://www.rsc.org/suppdata/dt/b3/b311053b/ . <i>Dalton Transactions</i> , 2004, , 292.	1.6	19
126	Substrate Binding Favors Enhanced NO Binding to P450cam. <i>Journal of the American Chemical Society</i> , 2004, 126, 4181-4191.	6.6	58

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127	NO-dependent phototoxicity of Roussin's black salt against cancer cells. Nitric Oxide - Biology and Chemistry, 2004, 10, 42-50.	1.2	50
128	Mechanistic Studies on the Interaction of Reduced Cobalamin (Vitamin B12r) with Nitroprusside. Journal of the American Chemical Society, 2003, 125, 1334-1351.	6.6	34
129	Mechanistic Information on the Reversible Binding of NO to Selected Iron(II) Chelates from Activation Parameters. Inorganic Chemistry, 2002, 41, 2565-2573.	1.9	60
130	Kinetics, Mechanism, and Spectroscopy of the Reversible Binding of Nitric Oxide to Aqueated Iron(II). An Undergraduate Text Book Reaction Revisited. Inorganic Chemistry, 2002, 41, 4-10.	1.9	146
131	Reactions of the $[\text{Fe}(\text{CN})_5\text{NO}]^{2-}$ complex with biologically relevant thiols. New Journal of Chemistry, 2002, 26, 1495-1502.	1.4	42
132	Thermodynamics and kinetics of Ru(III)(edta) as an efficient scavenger for nitric oxide in aqueous solution. Dalton Transactions RSC, 2002, , 941-950.	2.3	50
133	Nitrite binding to metmyoglobin and methemoglobin in comparison to nitric oxide binding. Journal of Biological Inorganic Chemistry, 2002, 7, 165-176.	1.1	49
134	Laser flash photolysis as tool in the elucidation of the nitric oxide binding mechanism to metalloproteins. Coordination Chemistry Reviews, 2002, 229, 37-49.	9.5	45
135	Indocyanine green as a prospective sensitizer for photodynamic therapy of melanomas.. Acta Biochimica Polonica, 2002, 49, 387-391.	0.3	133
136	Kinetics and Mechanism of the Reversible Binding of Nitric Oxide to Reduced Cobalamin B12r(Cob(II)alamin). Journal of the American Chemical Society, 2001, 123, 9780-9791.	6.6	131
137	Mechanistic Studies on the Reversible Binding of Nitric Oxide to Metmyoglobin. Journal of the American Chemical Society, 2001, 123, 285-293.	6.6	137
138	Ligand Effects on the Kinetics of the Reversible Binding of NO to Selected Aminocarboxylato Complexes of Iron(II) in Aqueous Solution. European Journal of Inorganic Chemistry, 2001, 2001, 2317-2325.	1.0	53
139	Ligand and medium controlled photochemistry of iron and ruthenium mixed-ligand complexes: prospecting for versatile systems. Coordination Chemistry Reviews, 2000, 208, 277-297.	9.5	53
140	Aquacobalamin (Vitamin B12a) Does Not Bind NO in Aqueous Solution. Nitrite Impurities Account for Observed Reaction. Inorganic Chemistry, 2000, 39, 2018-2019.	1.9	71
141	Kinetic, structural and electrostatic aspects of the reduction of pentacyanoferrate(III) complexes by myoglobin. Journal of Biological Inorganic Chemistry, 1999, 4, 302-310.	1.1	10
142	Elucidation of inorganic reaction mechanisms through volume profile analysis. Coordination Chemistry Reviews, 1999, 187, 329-374.	9.5	44
143	Kinetic and mechanistic analysis of the reactions in the aqueous system pentacyanoferrate(II) + ammonia + nitrite. Journal of the Chemical Society Dalton Transactions, 1999, , 3643-3649.	1.1	22
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