

# GraÅ¼yna Stochel

## List of Publications by Year in descending order

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187  
papers

7,126  
citations

47006

47  
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66911

78  
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195  
all docs

195  
docs citations

195  
times ranked

8164  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relevance of the electron transfer pathway in photodynamic activity of Ru(II) polypyridyl complexes containing 4,7-diphenyl-1,10-phenanthroline ligands under normoxic and hypoxic conditions. Dalton Transactions, 2022, 51, 1888-1900.	3.3	7
2	Influence of modified nano-copper oxide particles on the reaction between nitrocobalamin and ascorbic acid. Polyhedron, 2022, 223, 115942.	2.2	1
3	Physicochemical Analysis of Water Extracts of Particulate Matter from Polluted Air in the Area of Kraków, Poland. Atmosphere, 2021, 12, 565.	2.3	4
4	Can Particulate Matter and Nano Metal Oxide Particles Affect the Redox Cycling of Nitrosylcobalamin in Weakly Acidic Aqueous Solution?. European Journal of Inorganic Chemistry, 2021, 2021, 2325-2333.	2.0	4
5	Ligand-Tuning of the Stability of Pd(II) Conjugates with Cyanocobalamin. International Journal of Molecular Sciences, 2021, 22, 7973.	4.1	4
6	Influence of Krakow Winter and Summer Dusts on the Redox Cycling of Vitamin B12a in the Presence of Ascorbic Acid. Atmosphere, 2021, 12, 1050.	2.3	2
7	High-Pressure Mechanistic Insight into Bioinorganic NO Chemistry. Molecules, 2021, 26, 4947.	3.8	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. Inorganic Chemistry, 2021, 60, 15948-15967.	4.0	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. International Journal of Molecular Sciences, 2021, 22, 10500.	4.1	2
10	Generation and photogeneration of hydroxyl radicals and singlet oxygen by particulate matter and its inorganic components. Journal of Environmental Chemical Engineering, 2021, 9, 106478.	6.7	8
11	Mechanistic Studies on the Reaction between Aquacobalamin and the HNO Donor Piloty's Acid over a Wide pH Range in Aqueous Solution. Inorganic Chemistry, 2021, 60, 2964-2975.	4.0	10
12	Chlorophyll <i>a</i> Cation Radical as Redox Mediator in Superoxide Dismutase (SOD) Mimetics. ChemPhysChem, 2021, 22, 344-348.	2.1	2
13	Enhancement of NO release from S-nitrosoalbumin by pollution derived metal ions. Dalton Transactions, 2021, 50, 9923-9933.	3.3	4
14	Evaluation of anticancer activity in vitro of a stable copper(I) complex with phosphine-peptide conjugate. Scientific Reports, 2021, 11, 23943.	3.3	11
15	Anticancer potency of novel organometallic Ir(III) complexes with phosphine derivatives of fluoroquinolones encapsulated in polymeric micelles. Inorganic Chemistry Frontiers, 2020, 7, 3386-3401.	6.0	19
16	Variations in Reactive Oxygen Species Generation by Urban Airborne Particulate Matter in Lung Epithelial Cells: Impact of Inorganic Fraction. Frontiers in Chemistry, 2020, 8, 581752.	3.6	11
17	Influence of aqueous extracts of urban airborne particulate matter on the structure and function of human serum albumin. Environmental Pollution, 2020, 263, 114667.	7.5	9
18	A Kinetic Study on the Efficient Formation of High-Valent Mn(TPPS)-oxo Complexes by Various Oxidants. Catalysts, 2020, 10, 610.	3.5	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.	4.1	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.	18.8	23
21	Nitrosyl- versus nitroxyl-cobalamin?. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 311-313.	2.6	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.	6.8	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.	2.0	6
24	Generation of hydroxyl radicals and singlet oxygen by particulate matter and its inorganic components. <i>Environmental Pollution</i> , 2018, 238, 638-646.	7.5	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.	2.6	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.	2.8	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.	2.0	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.	2.2	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.	4.0	7
30	Bactericidal Effect of Gold-Chitosan Nanocomposites in Coculture Models of Pathogenic Bacteria and Human Macrophages. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 17693-17701.	8.0	51
31	Bioinorganic antimicrobial strategies in the resistance era. <i>Coordination Chemistry Reviews</i> , 2017, 351, 76-117.	18.8	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.	8.2	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.	3.5	20
34	Development of noncytotoxic silver-chitosan nanocomposites for efficient control of biofilm forming microbes. <i>RSC Advances</i> , 2017, 7, 52398-52413.	3.6	87
35	Chitosan-based nanocomposites for the repair of bone defects. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2231-2240.	3.3	42
36	Factors controlling the reactivity of divalent metal ions towards pheophytin a. <i>Journal of Biological Inorganic Chemistry</i> , 2017, 22, 941-952.	2.6	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.	2.0	6
38	Design of Pluronic-Based Formulation for Enhanced Redaporfin-Photodynamic Therapy against Pigmented Melanoma. ACS Applied Materials & Interfaces, 2016, 8, 22039-22055.	8.0	80
39	Hypoxia-selective inhibition of angiogenesis development by NAMI-A analogues. BioMetals, 2016, 29, 1035-1046.	4.1	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.	18.8	57
41	Engineering of relevant photodynamic processes through structural modifications of metallotetrapyrrolic photosensitizers. Coordination Chemistry Reviews, 2016, 325, 67-101.	18.8	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.	18.8	63
43	Spectroscopic and kinetic evidence for redox cycling, catalase and degradation activities of Mn <sup>III</sup> (TPPS) in a basic aqueous peroxide medium. Chemical Communications, 2016, 52, 5297-5300.	4.1	8
44	Anticancer activity of ruthenium(II) polypyridine complexes bearing pyrrolidine substituents. Inorganica Chimica Acta, 2016, 443, 86-90.	2.4	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.	3.3	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.	2.2	7
47	Fine tuning of copper(II) "chlorophyll interactions in organic media. Metalation versus oxidation of the macrocycle. Dalton Transactions, 2015, 44, 6012-6022.	3.3	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.	2.4	39
49	Towards tuning PDT relevant photosensitizer properties: comparative study for the free and Zn <sup>2+</sup> coordinated <i>meso</i> -tetrakis[2,6-difluoro-5-( <i>N</i> -methylsulfamoyl)phenyl]porphyrin. Journal of Coordination Chemistry, 2015, 68, 3116-3134.	2.2	37
50	New hybrid materials based on halogenated metalloporphyrins for enhanced visible light photocatalysis. RSC Advances, 2015, 5, 93252-93261.	3.6	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.	2.6	11
52	The quenching effect of chitosan crosslinking on ZnO nanoparticles photocatalytic activity. RSC Advances, 2015, 5, 80089-80097.	3.6	22
53	Metal-Assisted Activation of Nitric Oxide "Mechanistic Aspects of Complex Nitrosylation Processes. Advances in Inorganic Chemistry, 2015, 67, 171-241.	1.0	7
54	Development of Noncytotoxic Chitosan "Gold Nanocomposites as Efficient Antibacterial Materials. ACS Applied Materials & Interfaces, 2015, 7, 1087-1099.	8.0	258

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55	Unexpected formation of [Ru( <sup>5</sup> I-C <sup>5</sup> H <sup>5</sup> )(PH{CH <sub>2</sub> N(CH <sub>2</sub> CH <sub>2</sub> ) <sub>2</sub> O}) <sub>2</sub> ] the first "piano-stool" ruthenium complex bearing a secondary aminomethylphosphane ligand. RSC Advances, 2015, 5, 2952-2955.	3.6	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.	3.7	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.	2.2	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.	2.9	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.	3.3	105
60	2-Nitroimidazole-ruthenium polypyridyl complex as a new conjugate for cancer treatment and visualization. Journal of Inorganic Biochemistry, 2014, 134, 83-91.	3.5	34
61	Base-Catalyzed Hydrolysis of a Ru <sup>II</sup> -"Chloro" dmsO Complex and Its Reactivity towards L-Methionine. European Journal of Inorganic Chemistry, 2014, 2014, 1333-1344.	2.0	4
62	Interaction of the NAMI-A complex with nitric oxide under physiological conditions. New Journal of Chemistry, 2014, 38, 3386-3394.	2.8	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.	4.0	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.	4.0	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.	3.3	17
66	A high-throughput method for the quantification of iron saturation in lactoferrin preparations. Analytical and Bioanalytical Chemistry, 2013, 405, 5191-5200.	3.7	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.	2.6	3
68	Green Synthesis of Chitosan-Stabilized Copper Nanoparticles. European Journal of Inorganic Chemistry, 2013, 2013, 4940-4947.	2.0	72
69	Photoinduced hole injection in semiconductor-coordination compound systems. Coordination Chemistry Reviews, 2013, 257, 767-775.	18.8	48
70	Benzothiophen-pyrazine scaffold as a potential membrane targeting drug carrier. Journal of Luminescence, 2013, 140, 51-56.	3.1	9
71	Visible light photoactive titanium dioxide aqueous colloids and coatings. Chemical Engineering Journal, 2013, 230, 188-194.	12.7	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.	1.0	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.	3.7	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.	2.6	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.	3.5	46
76	Improved biodistribution, pharmacokinetics and photodynamic efficacy using a new photostable sulfonamide bacteriochlorin. <i>MedChemComm</i> , 2012, 3, 502.	3.4	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.	1.9	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.	2.9	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.	4.0	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.	4.0	25
81	Biodistribution and Photodynamic Efficacy of a Waterâ€•Soluble, Stable, Halogenated Bacteriochlorin against Melanoma. <i>ChemMedChem</i> , 2011, 6, 465-475.	3.2	63
82	Tissue Uptake Study and Photodynamic Therapy of Melanomaâ€•Bearing Mice with a Nontoxic, Effective Chlorin. <i>ChemMedChem</i> , 2011, 6, 1715-1726.	3.2	47
83	Visible light driven photocatalysis in chromate(VI)/TiO <sub>2</sub> systemsâ€”Improving stability of the photocatalyst. <i>Catalysis Today</i> , 2011, 161, 78-83.	4.4	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.	3.2	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.	3.3	156
86	Titanium(IV) complexes as direct TiO <sub>2</sub> photosensitizers. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2687-2701.	18.8	171
87	Structural and Electronic Effects in the Metalation of Porphyrinoids. <i>Theory and Experiment. Inorganic Chemistry</i> , 2010, 49, 7362-7371.	4.0	30
88	New trends in the application of laser flash photolysis â€” case studies. <i>Journal of Coordination Chemistry</i> , 2010, 63, 2695-2714.	2.2	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.	2.2	5
90	Mechanistic Information on Cu <sup>II</sup> Metalation and Transmetalation of Chlorophylls. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2393-2406.	2.0	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.	2.6	19
92	Ligand binding properties of cobalamins. <i>Theoretical Chemistry Accounts</i> , 2008, 120, 411-419.	1.4	5
93	The reduction of (ImH) [trans-RuIII Cl <sub>4</sub> (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.	2.6	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.	3.3	24
95	Photocytotoxicity of platinum(IV)-chloride surface modified TiO <sub>2</sub> irradiated with visible light against murine macrophages. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2008, 92, 54-58.	3.8	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.	2.3	15
97	Photodynamic activity of platinum(IV) chloride surface-modified TiO <sub>2</sub> irradiated with visible light. <i>Free Radical Biology and Medicine</i> , 2008, 44, 1120-1130.	2.9	48
98	Central Metal Determines Pharmacokinetics of Chlorophyll-Derived Xenobiotics. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4412-4418.	6.4	34
99	Understanding chlorophylls: Central magnesium ion and phytyl as structural determinants. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, 1491-1500.	1.0	117
100	Photosensitization and Photocurrent Switching in Carminic Acid/Titanium Dioxide Hybrid Material. <i>Journal of Physical Chemistry C</i> , 2008, 112, 19131-19141.	3.1	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.	3.3	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.	3.3	11
103	Photochemistry of trans- and cis-[RuCl <sub>2</sub> (dmsO) <sub>4</sub> ] in Aqueous and Nonaqueous Solutions. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2353-2359.	2.0	17
104	Synthesis, Photophysical Studies and Anticancer Activity of a New Halogenated Water-Soluble Porphyrin. <i>Photochemistry and Photobiology</i> , 2007, 83, 897-903.	2.5	73
105	Bioinspired Nanodevice Based on the Folic Acid/Titanium Dioxide System. <i>Chemistry - an Asian Journal</i> , 2007, 2, 580-590.	3.3	30
106	Visible light inactivation of bacteria and fungi by modified titanium dioxide. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 642-648.	2.9	207
107	Kinetics and mechanism of the reduction of (ImH) [trans-RuCl <sub>4</sub> (dmsO)(Im)] by ascorbic acid in acidic aqueous solution. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 809-818.	2.6	36
108	Synthesis, structure and photoelectrochemical properties of the TiO <sub>2</sub> -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.	2.6	63
110	Light-Driven OR and XOR Programmable Chemical Logic Gates. <i>Journal of the American Chemical Society</i> , 2006, 128, 4550-4551.	13.7	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.	13.7	39
112	Singlet Oxygen Photogeneration at Surface Modified Titanium Dioxide. <i>Journal of the American Chemical Society</i> , 2006, 128, 15574-15575.	13.7	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.	2.1	54
114	Reactivity of Aquacobalamin and Reduced Cobalamin toward S-Nitrosoglutathione and S-Nitroso-N-acetylpenicillamine. <i>Inorganic Chemistry</i> , 2006, 45, 1367-1379.	4.0	25
115	Redox-Controlled Photosensitization of Nanocrystalline Titanium Dioxide. <i>ChemPhysChem</i> , 2006, 7, 2384-2391.	2.1	44
116	Metal compounds and small molecules activation " case studies. <i>Coordination Chemistry Reviews</i> , 2005, 249, 2437-2457.	18.8	42
117	Bioinorganic Photochemistry: Frontiers and Mechanisms. <i>Chemical Reviews</i> , 2005, 105, 2647-2694.	47.7	671
118	Bioinorganic Photochemistry: Frontiers and Mechanisms. <i>ChemInform</i> , 2005, 36, no.	0.0	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.	2.6	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.	4.0	46
121	Mechanistic Studies on the Binding of Nitric Oxide to a Synthetic Heme <sup>~</sup> Thiolate Complex Relevant to Cytochrome P450. <i>Journal of the American Chemical Society</i> , 2005, 127, 5360-5375.	13.7	57
122	Light-Induced Anticancer Activity of [RuCl <sub>2</sub> (DMSO) <sub>4</sub> ] Complexes. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 7298-7304.	6.4	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.	3.3	16
124	Mechanistic information on the reaction of cis- and trans-[RuCl <sub>2</sub> (DMSO) <sub>4</sub> ] with d(T <sub>2</sub> GGT <sub>2</sub> ) derived from MALDI-TOF and HPLC studies <sup>†</sup> . <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 1367-1377.	3.5	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 <a href="http://www.rsc.org/suppdata/dt/b3/b311053b/">http://www.rsc.org/suppdata/dt/b3/b311053b/</a> . <i>Dalton Transactions</i> , 2004, , 292.	3.3	19
126	Substrate Binding Favors Enhanced NO Binding to P450cam. <i>Journal of the American Chemical Society</i> , 2004, 126, 4181-4191.	13.7	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.	2.7	50
128	Mechanistic Studies on the Interaction of Reduced Cobalamin (Vitamin B12r) with Nitroprusside. Journal of the American Chemical Society, 2003, 125, 1334-1351.	13.7	34
129	Mechanistic Information on the Reversible Binding of NO to Selected Iron(II) Chelates from Activation Parameters. Inorganic Chemistry, 2002, 41, 2565-2573.	4.0	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.	4.0	146
131	Reactions of the $[Fe(CN)_5NO]^{2-}$ complex with biologically relevant thiols. New Journal of Chemistry, 2002, 26, 1495-1502.	2.8	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.	2.6	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.	18.8	45
135	Indocyanine green as a prospective sensitizer for photodynamic therapy of melanomas.. Acta Biochimica Polonica, 2002, 49, 387-391.	0.5	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.	13.7	131
137	Mechanistic Studies on the Reversible Binding of Nitric Oxide to Metmyoglobin. Journal of the American Chemical Society, 2001, 123, 285-293.	13.7	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.	2.0	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.	18.8	53
140	Aquacobalamin (Vitamin B12a) Does Not Bind NO in Aqueous Solution. Nitrite Impurities Account for Observed Reaction. Inorganic Chemistry, 2000, 39, 2018-2019.	4.0	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.	2.6	10
142	Elucidation of inorganic reaction mechanisms through volume profile analysis. Coordination Chemistry Reviews, 1999, 187, 329-374.	18.8	44
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