Sharon Ruthstein

List of Publications by Year
in descending order

129 papers	2,532 citations	201674 27 h-index	254184 43 g-index
138 all docs	138 docs citations	138 times ranked	2828 citing authors

#	Article	IF	Citations
1	Cu(<scp>ii</scp>)-based DNA labeling identifies the structural link between transcriptional activation and termination in a metalloregulator. Chemical Science, 2022, 13, 1693-1697.	7.4	16
2	TGAâ€"DSC Combined Coal Analysis as a Tool for QC (Quality Control) and Reactivity Patterns of Coals. ACS Omega, 2022, 7, 1893-1907.	3.5	13
3	The Advantages of EPR Spectroscopy in Exploring Diamagnetic Metal Ion Binding and Transfer Mechanisms in Biological Systems. Magnetochemistry, 2022, 8, 3.	2.4	5
4	Dynamical interplay between the human high-affinity copper transporter hCtr1 and its cognate metal ion. Biophysical Journal, 2022, 121, 1194-1204.	0.5	6
5	Allosteryâ€driven changes in dynamics regulate the activation of bacterial copper transcription factor. Protein Science, 2022, 31, e4309.	7.6	9
6	The effects of thermal treatment and irradiation on the chemical properties of natural diamonds. Physical Chemistry Chemical Physics, 2022, 24, 11696-11703.	2.8	3
7	Inherent Minor Conformer of Bordetella Effector BteA Directs Chaperone-Mediated Unfolding. Journal of the American Chemical Society, 2022, 144, 11553-11557.	13.7	2
8	Nitrogen concentration and anisotropic effects on the EPR spectra of natural diamonds. CrystEngComm, 2021, 23, 3453-3459.	2.6	5
9	Redox Properties of CeIVDOTA in Carbonated Aqueous Solutions. A Radiolytic and an Electrochemical Study. Journal of Physical Chemistry A, 2021, 125, 1436-1446.	2.5	2
10	Advances in Understanding of the Copper Homeostasis in Pseudomonas aeruginosa. International Journal of Molecular Sciences, 2021, 22, 2050.	4.1	14
11	Cellular Uptake of the ATSMâˆ'Cu(II) Complex under Hypoxic Conditions. ChemistryOpen, 2021, 10, 486-492.	1.9	2
12	Molecular Dynamics Simulations of the Apo and Holo States of the Copper Binding Protein CueR Reveal Principal Bending and Twisting Motions. Journal of Physical Chemistry B, 2021, 125, 9417-9425.	2.6	7
13	Robust Room-Temperature NO₂ Sensors from Exfoliated 2D Few-Layered CVD-Grown Bulk Tungsten Di-selenide (2H-WSe₂). ACS Applied Materials & Interfaces, 2021, 13, 4316-4329.	8.0	45
14	Benchmark Test and Guidelines for DEER/PELDOR Experiments on Nitroxide-Labeled Biomolecules. Journal of the American Chemical Society, 2021, 143, 17875-17890.	13.7	124
15	Thermal Stability of Carbon-Centered Radicals Involved in Low-Temperature Oxidation of Bituminous and Lignite Coals as a Function of Temperature. ACS Omega, 2021, 6, 33428-33435.	3.5	0
16	Phase-Dependent Photocatalytic Activity of Bulk and Exfoliated Defect-Controlled Flakes of Layered Copper Sulfides under Simulated Solar Light. ACS Sustainable Chemistry and Engineering, 2021, 9, 16103-16114.	6.7	9
17	Effect of Diamond Polishing and Thermal Treatment on Carbon Paramagnetic Centersâ€™ Nature and Structure. Materials, 2021, 14, 7719.	2.9	0
18	The relationship of morphology and catalytic activity: A case study of iron corrole incorporated in high surface area carbon supports. Carbon, 2020, 158, 238-243.	10.3	22

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19	Mechanism Underlying the Emission of Gases during the Low-Temperature Oxidation of Bituminous and Lignite Coal Piles: The Involvement of Radicals. ACS Omega, 2020, 5, 28500-28509.	3.5	5
20	An EPR Study on the Interaction between the Cu(I) Metal Binding Domains of ATP7B and the Atox1 Metallochaperone. International Journal of Molecular Sciences, 2020, 21, 5536.	4.1	8
21	Enantioselective Crystallization of Chiral Inorganic Crystals of Ïµâ€Zn(OH) 2 with Amino Acids. Angewandte Chemie - International Edition, 2020, 59, 20924-20929.	13.8	14
22	Enantioselective Crystallization of Chiral Inorganic Crystals of Ïµâ€Zn(OH) 2 with Amino Acids. Angewandte Chemie, 2020, 132, 21110-21115.	2.0	3
23	Cu(I) Controls Conformational States in Human Atox1 Metallochaperone: An EPR and Multiscale Simulation Study. Journal of Physical Chemistry B, 2020, 124, 4399-4411.	2.6	10
24	Stabilized Behavior of LiNi_{0.85}Co_{0.10}Mn_{0.05}O₂ Cathode Materials Induced by Their Treatment with SO₂. ACS Applied Energy Materials, 2020, 3, 3609-3618.	5.1	25
25	Treated Oil Shale Ashes as a Substitute for Natural Aggregates, Sand, and Cement in Concrete. Israel Journal of Chemistry, 2020, 60, 638-643.	2.3	6
26	Does the ATSM-Cu(II) Biomarker Integrate into the Human Cellular Copper Cycle?. ACS Omega, 2019, 4, 12278-12285.	3.5	10
27	Unraveling the Impact of Cysteine-to-Serine Mutations on the Structural and Functional Properties of Cu(I)-Binding Proteins. International Journal of Molecular Sciences, 2019, 20, 3462.	4.1	16
28	EPR Distance Measurements as a Tool to Characterize Proteinâ€DNA Interactions. Israel Journal of Chemistry, 2019, 59, 980-989.	2.3	9
29	Neuroligin-2-derived peptide-covered polyamidoamine-based (PAMAM) dendrimers enhance pancreatic Î²-cells' proliferation and functions. MedChemComm, 2019, 10, 280-293.	3.4	4
30	The pivotal role of MBD4â€"ATP7B in the human Cu(<scp>i</scp>) excretion path as revealed by EPR experiments and all-atom simulations. Metallomics, 2019, 11, 1288-1297.	2.4	15
31	Copper trafficking in eukaryotic systems: current knowledge from experimental and computational efforts. Current Opinion in Structural Biology, 2019, 58, 26-33.	5.7	39
32	Innentitelbild: EPR Spectroscopy Detects Various Active State Conformations of the Transcriptional Regulator CueR (Angew. Chem. 10/2019). Angewandte Chemie, 2019, 131, 2934-2934.	2.0	0
33	Exploring the role of the various methionine residues in the Escherichia coli CusB adapter protein. PLoS ONE, 2019, 14, e0219337.	2.5	8
34	On the reactions of methyl radicals with nitrilotris(methylenephosphonic-acid) complexes in aqueous solutions. Journal of Coordination Chemistry, 2019, 72, 3445-3457.	2.2	3
35	Inhibiting the copper efflux system in microbes as a novel approach for developing antibiotics. PLoS ONE, 2019, 14, e0227070.	2.5	9
36	Investigation of a KcsA Cytoplasmic pH Gate in Lipoprotein Nanodiscs. ChemBioChem, 2019, 20, 813-821.	2.6	8

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37	EPR Spectroscopy Detects Various Active State Conformations of the Transcriptional Regulator CueR. Angewandte Chemie, 2019, 131, 3085-3088.	2.0	9
38	EPR Spectroscopy Detects Various Active State Conformations of the Transcriptional Regulator CueR. Angewandte Chemie - International Edition, 2019, 58, 3053-3056.	13.8	48
39	Imidazole decorated reduced graphene oxide: A biomimetic ligand for selective oxygen reduction electrocatalysis with Metalloporphyrins. Carbon, 2019, 143, 223-229.	10.3	35
40	Exploring the role of the various methionine residues in the Escherichia coli CusB adapter protein. , 2019, 14, e0219337.		0
41	Exploring the role of the various methionine residues in the Escherichia coli CusB adapter protein. , 2019, 14, e0219337.		0
42	Exploring the role of the various methionine residues in the Escherichia coli CusB adapter protein. , 2019, 14, e0219337.		0
43	Exploring the role of the various methionine residues in the Escherichia coli CusB adapter protein. , 2019, 14, e0219337.		0
44	Inhibiting the copper efflux system in microbes as a novel approach for developing antibiotics. , 2019, 14, e0227070.		0
45	Inhibiting the copper efflux system in microbes as a novel approach for developing antibiotics. , 2019, 14, e0227070.		0
46	Inhibiting the copper efflux system in microbes as a novel approach for developing antibiotics. , 2019, 14, e0227070.		0
47	Inhibiting the copper efflux system in microbes as a novel approach for developing antibiotics. , 2019, 14, e0227070.		0
48	Mechanistic Studies on the Role of [Cu^{II}(CO₃)_n]^{2â˜2n} as a Water Oxidation Catalyst: Carbonate as a Nonâ€Innocent Ligand. Chemistry - A European Journal, 2018, 24, 1088-1096.	3.3	21
49	Environmental impact and potential use of coal fly ash and sub-economical quarry fine aggregates in concrete. Journal of Hazardous Materials, 2018, 344, 1043-1056.	12.4	34
50	The involvement of carbon-centered radicals in the aging process of coals under atmospheric conditions: an EPR study. Physical Chemistry Chemical Physics, 2018, 20, 27025-27035.	2.8	16
51	Peptide-based development of PKA activators. New Journal of Chemistry, 2018, 42, 18585-18597.	2.8	2
52	Insights into the N-terminal Cu(II) and Cu(I) binding sites of the human copper transporter CTR1. Journal of Coordination Chemistry, 2018, 71, 1985-2002.	2.2	19
53	Reactions of carbonate radical anion with amino-carboxylate complexes of manganese(II) and iron(III). Journal of Coordination Chemistry, 2018, 71, 1749-1760.	2.2	2
54	The structural flexibility of the human copper chaperone Atox1: Insights from combined pulsed EPR studies and computations. Protein Science, 2017, 26, 1609-1618.	7.6	14

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55	Structural and Dynamics Characterization of the MerR Family Metalloregulator CueR in its Repression and Activation States. Structure, 2017, 25, 988-996.e3.	3.3	38
56	EPR Spectroscopy Targets Structural Changes in the E.Âcoli Membrane Fusion CusB upon Cu(I) Binding. Biophysical Journal, 2017, 112, 2494-2502.	0.5	14
57	Correction: Gd(iii)â€"Gd(iii) EPR distance measurements â€" the range of accessible distances and the impact of zero field splitting. Physical Chemistry Chemical Physics, 2016, 18, 18614-18614.	2.8	0
58	Ctr1 Intracellular Loop Is Involved in the Copper Transfer Mechanism to the Atox1 Metallochaperone. Journal of Physical Chemistry B, 2016, 120, 12334-12345.	2.6	12
59	Combined Electron Paramagnetic Resonance and Atomic Absorption Spectroscopy/Inductively Coupled Plasma Analysis As Diagnostics for Soluble Manganese Species from Mn-Based Positive Electrode Materials in Li-ion Cells. Analytical Chemistry, 2016, 88, 4440-4447.	6.5	43
60	Preparation and Properties of Metal Organic Framework/Activated Carbon Composite Materials. Langmuir, 2016, 32, 4935-4944.	3.5	97
61	A New Oxopiperazinâ€Based Peptidomimetic Molecule Inhibits Prostatic Acid Phosphatase Secretion and Induces Prostate Cancer Cell Apoptosis. ChemistrySelect, 2016, 1, 4658-4667.	1.5	7
62	Modulation of Oxygen Content in Graphene Surfaces Using Temperature-Programmed Reductive Annealing: Electron Paramagnetic Resonance and Electrochemical Study. Langmuir, 2016, 32, 11672-11680.	3.5	24
63	Different oxidation mechanisms of Mn^{II}(polyphosphate)_n by the radicals and. Journal of Coordination Chemistry, 2016, 69, 1709-1721.	2.2	6
64	A simple double quantum coherence ESR sequence that minimizes nuclear modulations in Cu2+-ion based distance measurements. Journal of Magnetic Resonance, 2015, 257, 45-50.	2.1	14
65	Histidine residues are important for preserving the structure and heme binding to the C. elegans HRG-3 heme-trafficking protein. Journal of Biological Inorganic Chemistry, 2015, 20, 1253-1261.	2.6	8
66	Gd(<scp>iii</scp>)â€"Gd(<scp>iii</scp>) EPR distance measurements â€" the range of accessible distances and the impact of zero field splitting. Physical Chemistry Chemical Physics, 2015, 17, 18464-18476.	2.8	71
67	EPR Spectroscopy Shows that the Blood Carrier Protein, Human Serum Albumin, Closely Interacts with the N-Terminal Domain of the Copper Transporter, Ctr1. Journal of Physical Chemistry B, 2015, 119, 4824-4830.	2.6	32
68	EPR spectroscopy identifies Met and Lys residues that are essential for the interaction between the CusB N-terminal domain and metallochaperone CusF. Metallomics, 2015, 7, 1163-1172.	2.4	12
69	EPR and NMR spectroscopies provide input on the coordination of Cu(I) and Ag(I) to a disordered methionine segment. Journal of Biological Inorganic Chemistry, 2015, 20, 719-727.	2.6	13
70	Potential of Hazardous Waste Encapsulation in Concrete Compound Combination with Coal Ash and Quarry Fine Additives. Environmental Science & Technology, 2015, 49, 14146-14155.	10.0	10
71	SOD mimetic activity and antiproliferative properties of a novel tetra nuclear copper (II) complex. Journal of Biological Inorganic Chemistry, 2015, 20, 1287-1298.	2.6	9
72	The Arabidopsis Cysteine-Rich GASA5 Is a Redox-Active Metalloprotein that Suppresses Gibberellin Responses. Molecular Plant, 2014, 7, 244-247.	8.3	34

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73	On the Mechanism of Reduction of Maleate Ions by NiIComplexes with Tetraazamacrocyclic Ligands in Aqueous Solutions. European Journal of Inorganic Chemistry, 2014, 2014, 932-940.	2.0	2
74	Paramagnetic Metal Ions in Pulsed ESR Distance Distribution Measurements. Accounts of Chemical Research, 2014, 47, 688-695.	15.6	59
75	Chemical and Surface Transformations of Bituminous Coal Fly Ash Used in Israel Following Treatments with Acidic and Neutral Aqueous Solutions. Energy & Fuels, 2014, 28, 4657-4665.	5.1	16
76	Elucidating the role of stable carbon radicals in the low temperature oxidation of coals by coupled EPRâ€“NMR spectroscopy â€“ a method to characterize surfaces of porous carbon materials. Physical Chemistry Chemical Physics, 2014, 16, 9364.	2.8	27
77	Probing the Structural Flexibility of the Human Copper Metallochaperone Atox1 Dimer and Its Interaction with the CTR1 C-Terminal Domain. Journal of Physical Chemistry B, 2014, 118, 5832-5842.	2.6	20
78	Exploring the Radical Nature of a Carbon Surface by Electron Paramagnetic Resonance and a Calibrated Gas Flow. Journal of Visualized Experiments, 2014, , .	0.3	2
79	Sensitive Cu²⁺â€“Cu²⁺ Distance Measurements in a Proteinâ€“DNA Complex by Double-Quantum Coherence ESR. Journal of Physical Chemistry B, 2013, 117, 6227-6230.	2.6	28
80	Reducing the spinâ€“spin interaction of stable carbon radicals. Physical Chemistry Chemical Physics, 2013, 15, 6182.	2.8	28
81	Exploring the interaction between the human copper transporter, CTR1, c-terminal domain and a methionine motif in the presence of Cu(I) and Ag(I) ions, using EPR spectroscopy. Molecular Physics, 2013, 111, 2980-2991.	1.7	10
82	Field and Laboratory Simulation Study of Hot Spots in Stockpiled Bituminous Coal. Energy & Fuels, 2012, 26, 7230-7235.	5.1	32
83	Stable radicals formation in coals undergoing weathering: effect of coal rank. Physical Chemistry Chemical Physics, 2012, 14, 13046.	2.8	47
84	CO₂ Adsorption Inside the Pore Structure of Different Rank Coals during Low Temperature Oxidation of Open Air Coal Stockpiles. Energy & Fuels, 2011, 25, 4211-4215.	5.1	26
85	Modes of Formation of Carbon Oxides [CO_x (x = 1 or 2)] from Coals during Atmospheric Storage. Part 2: Effect of Coal Rank on the Kinetics. Energy & Fuels, 2011, 25, 5626-5631.	5.1	13
86	The Effect of an Electrical Bias on the Mechanism of Decomposition of Transients with Metalâ€“Carbon Ïƒ Bonds. European Journal of Inorganic Chemistry, 2010, 2010, 3252-3255.	2.0	5
87	Pulsed Electron Spin Resonance Resolves the Coordination Site of Cu2+ Ions in Î±1-Glycine Receptor. Biophysical Journal, 2010, 99, 2497-2506.	0.5	16
88	On the mechanism of reduction of maleate by a Co(I) complex with a macrocylic ligand in aqueous solutions. Journal of Coordination Chemistry, 2010, 63, 2528-2541.	2.2	3
89	Modes of Formation of Carbon Oxides (CO_x(x= 1,2)) From Coals During Atmospheric Storage: Part I Effect of Coal Rank. Energy & Fuels, 2010, 24, 6366-6374.	5.1	11
90	A novel CeIII-cyclam type complex and its redox chemistry in aqueous solutions. Research on Chemical Intermediates, 2009, 35, 543-554.	2.7	0

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91	Distribution of guest molecules in Pluronic micelles studied by double electron electron spin resonance and small angle X-ray scattering. Physical Chemistry Chemical Physics, 2009, 11, 148-160.	2.8	28
92	High-Resolution Cryogenic-Electron Microscopy Reveals Details of a Hexagonal-to-Bicontinuous Cubic Phase Transition in Mesoporous Silica Synthesis. Journal of the American Chemical Society, 2009, 131, 12466-12473.	13.7	34
93	Molecular Level Processes and Nanostructure Evolution During the Formation of the Cubic Mesoporous Material KIT-6. Chemistry of Materials, 2008, 20, 2779-2792.	6.7	56
94	Evolution of Solution Structures during the Formation of the Cubic Mesoporous Material, KIT-6, Determined by Double Electronâ^'Electron Resonance. Journal of Physical Chemistry C, 2008, 112, 7102-7109.	3.1	20
95	Effect of Silica-Supported Silver Nanoparticles on the Dihydrogen Yields from Irradiated Aqueous Solutions. Journal of Physical Chemistry C, 2007, 111, 10461-10466.	3.1	23
96	Ligand Effects on the Chemical Activity of Copper(I) Complexes: Outer- and Inner-Sphere Oxidation of CuIL. European Journal of Inorganic Chemistry, 2007, 2007, 530-536.	2.0	11
97	Resolving Intermediate Solution Structures during the Formation of Mesoporous SBA-15. Journal of the American Chemical Society, 2006, 128, 3366-3374.	13.7	138
98	Pyrophosphate and ATP as Stabilizing Ligands for High-Valent Nickel Complexes. European Journal of Inorganic Chemistry, 2006, 2006, 523-525.	2.0	2
99	Reduction of CCl4 by Iron Powder in Aqueous Solution. European Journal of Inorganic Chemistry, 2005, 2005, 1227-1229.	2.0	7
100	The Redox Chemistry of (N1-[3-(2-aminoethylimino)-1,1-dimethylbutyl]ethane-1,2-diamine)nickel(II) Perchlorate, NiIIL1(ClO4)2, in Aqueous Solutions -A Pulse Radiolytic and an Electrochemical Study. European Journal of Inorganic Chemistry, 2005, 2005, 4335-4340.	2.0	0
101	Mechanism of Isomerization of Ni(cyclam) in Aqueous Solutions. European Journal of Inorganic Chemistry, 2005, 2005, 4997-5004.	2.0	5
102	Double Electron Electron Resonance as a Method for Characterization of Micelles. Journal of Physical Chemistry B, 2005, 109, 22843-22851.	2.6	35
103	Redox Chemistry of Nickel Complexes in Aqueous Solutions. Chemical Reviews, 2005, 105, 2609-2626.	47.7	93
104	EPR studies on the organization of self-assembled spin-labeled organic monolayers adsorbed on GaAs. Physical Chemistry Chemical Physics, 2005, 7, 524.	2.8	20
105	Mechanism of Reduction of the Nitrite Ion by CuI Complexes. European Journal of Inorganic Chemistry, 2004, 2004, 3675.	2.0	15
106	Study of the Initial Formation Stages of the Mesoporous Material SBA-15 Using Spin-Labeled Block Co-polymer Templates. Journal of Physical Chemistry B, 2004, 108, 9016-9022.	2.6	95
107	Mechanism of Reduction of 2,2-Dibromomethyl-1,3-propanediol by NiI-Tetraazamacrocyclic Complexes in Aqueous Solutionâ^' A Pulse Radiolysis and Electrochemical Study. European Journal of Inorganic Chemistry, 2003, 2003, 4105-4109.	2.0	8
108	Reaction of Methyl Radicals with Metal Powders Immersed in Aqueous Solutions. European Journal of Inorganic Chemistry, 2003, 2003, 4227-4233.	2.0	35

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109	Study of the Formation of the Mesoporous Material SBA-15 by EPR Spectroscopy. Journal of Physical Chemistry B, 2003, 107, 1739-1748.	2.6	127
110	Cu(i)(2,5,8,11-tetramethyl-2,5,8,11-tetraazadodecane)+as a catalyst for Ullmann's reaction. Dalton Transactions, 2003, , 2024-2028.	3.3	16
111	Catalyzed Autoxidation of Hydrogensulfite by Cobalt(II) (2,3,9,10-tetramethyl-1,4,8,11-tetraaza-cyclotetradeca-1,3,8,10-tetraene) (H 2 O) 2 2+. Supramolecular Chemistry, 2002, 14, 221-229.	1.2	1
112	Kinetics and Reaction Mechanisms of Complexes with Cobaltâˆ'Carbon Ïƒ Bonds of the Type {(NH3)5Coâˆ'R}n+ in Aqueous Solutions, a Pulse Radiolysis Study. European Journal of Inorganic Chemistry, 2002, 2002, 87-92.	2.0	20
113	Ligand Effects on the Reactivity of CuIL Complexes Towards Cl3CCO2âˆ'. European Journal of Inorganic Chemistry, 2002, 2002, 423-429.	2.0	18
114	Neutralization of acid mine drainage by Turkish lignitic fly ashes; role of organic additives in the fixation of toxic elements. Journal of Chemical Technology and Biotechnology, 2002, 77, 372-376.	3.2	23
115	Chemical neutralization of acidic wastes using fly ash in Israel. Journal of Chemical Technology and Biotechnology, 2002, 77, 377-381.	3.2	16
116	Chemical neutralization of acidic wastes using fly ash in Israel Paper presented at the PROGRES Workshop: Novel Products from Combustion Residues, 6â€“8 June 2001, Morella, Spain. Journal of Chemical Technology and Biotechnology, 2002, 77, 377.	3.2	1
117	High-Pressure Pulse-Radiolysis Study of the Formation and Decomposition of Complexes with Ironâˆ'Carbon Ïƒ Bonds:Â Mechanistic Comparison for Different Metal Centers. Inorganic Chemistry, 2001, 40, 4966-4970.	4.0	8
118	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 41, 179-184.	1.6	4
119	Oxidation of Ascorbate by Ni(III) Complexes with Tetraaza-macrocyclic Ligands in Neutral Aqueous Solutions. A Pulse-Radiolysis Study. Supramolecular Chemistry, 2001, 13, 325-332.	1.2	6
120	Syntheses, Structures and Properties of Copper(I) and Copper(II) Complexes of the LigandN,Nâ€²-Bis[2â€²-(dimethylamino)ethyl]-N,Nâ€²-dimethylethane1,2-diamine (Me6trien). European Journal of Inorganic Chemistry, 2000, 2000, 719-726.	2.0	22
121	EPR Measurements corroborate information concerning the nature of (H2O)5CrIIIâ€“alkyl complexes. Dalton Transactions RSC, 2000, , 3082-3085.	2.3	18
122	Syntheses, Structures and Properties of Copper(I) and Copper(II) Complexes of the Ligand N,Nâ€²-Bis[2â€²-(dimethylamino)ethyl]-N,Nâ€²-dimethylethane1,2-diamine (Me6trien). European Journal of Inorganic Chemistry, 2000, 2000, 719-726.	2.0	1
123	Properties of the Nickel(III) Complex with 1,4,8,11-Tetraazacyclotetradecane-1,4,8,11-tetraacetate in Aqueous Solution. Inorganic Chemistry, 1996, 35, 5127-5131.	4.0	18
124	Tertiary-poly-amine ligands as stabilisers of transition metal complexes with uncommon oxidation states. Supramolecular Chemistry, 1996, 6, 275-279.	1.2	27
125	Organic volatiles emissions accompanying the low-temperature atmospheric storage of bituminous coals. Fuel, 1995, 74, 1357-1362.	6.4	22
126	Reactions of Low Valent Transition Metal Complexes with Hydrogen Peroxide. Are they â€œFenton-Likeâ€• or not? 4. The Case of Fe(II)L, L = Edta; Hedta and Tcma. Free Radical Research, 1995, 23, 453-463.	3.3	43

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127	Emission of toxic and fire hazardous gases from open air coal stockpiles. Fuel, 1994, 73, 1184-1188.	6.4	26
128	Evolution of molecular hydrogen during the atmospheric oxidation of coal. Fuel, 1991, 70, 897-898.	6.4	19
129	Effect of pressure on an intramolecular electron-transfer reaction induced by pulse-radiolysis. High Pressure Research, 1991, 6, 287-290.	1.2	1