

Sharon Ruthstein

List of Publications by Year in descending order

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129
papers

2,532
citations

201385

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43
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all docs

138
docs citations

138
times ranked

2828
citing authors

#	ARTICLE	IF	CITATIONS
1	Cu(II)-based DNA labeling identifies the structural link between transcriptional activation and termination in a metalloregulator. <i>Chemical Science</i> , 2022, 13, 1693-1697.	3.7	16
2	TGA-DSC Combined Coal Analysis as a Tool for QC (Quality Control) and Reactivity Patterns of Coals. <i>ACS Omega</i> , 2022, 7, 1893-1907.	1.6	13
3	The Advantages of EPR Spectroscopy in Exploring Diamagnetic Metal Ion Binding and Transfer Mechanisms in Biological Systems. <i>Magnetochemistry</i> , 2022, 8, 3.	1.0	5
4	Dynamical interplay between the human high-affinity copper transporter hCtr1 and its cognate metal ion. <i>Biophysical Journal</i> , 2022, 121, 1194-1204.	0.2	6
5	Allostery-driven changes in dynamics regulate the activation of bacterial copper transcription factor. <i>Protein Science</i> , 2022, 31, e4309.	3.1	9
6	The effects of thermal treatment and irradiation on the chemical properties of natural diamonds. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 11696-11703.	1.3	3
7	Inherent Minor Conformer of <i>Bordetella</i> Effector BteA Directs Chaperone-Mediated Unfolding. <i>Journal of the American Chemical Society</i> , 2022, 144, 11553-11557.	6.6	2
8	Nitrogen concentration and anisotropic effects on the EPR spectra of natural diamonds. <i>CrystEngComm</i> , 2021, 23, 3453-3459.	1.3	5
9	Redox Properties of CeIVDOTA in Carbonated Aqueous Solutions. A Radiolytic and an Electrochemical Study. <i>Journal of Physical Chemistry A</i> , 2021, 125, 1436-1446.	1.1	2
10	Advances in Understanding of the Copper Homeostasis in <i>Pseudomonas aeruginosa</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 2050.	1.8	14
11	Cellular Uptake of the ATSM ⁺ Cu(II) Complex under Hypoxic Conditions. <i>ChemistryOpen</i> , 2021, 10, 486-492.	0.9	2
12	Molecular Dynamics Simulations of the Apo and Holo States of the Copper Binding Protein CueR Reveal Principal Bending and Twisting Motions. <i>Journal of Physical Chemistry B</i> , 2021, 125, 9417-9425.	1.2	7
13	Robust Room-Temperature NO ₂ Sensors from Exfoliated 2D Few-Layered CVD-Grown Bulk Tungsten Di-selenide (2H-WSe ₂). <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 4316-4329.	4.0	45
14	Benchmark Test and Guidelines for DEER/PELDOR Experiments on Nitroxide-Labeled Biomolecules. <i>Journal of the American Chemical Society</i> , 2021, 143, 17875-17890.	6.6	124
15	Thermal Stability of Carbon-Centered Radicals Involved in Low-Temperature Oxidation of Bituminous and Lignite Coals as a Function of Temperature. <i>ACS Omega</i> , 2021, 6, 33428-33435.	1.6	0
16	Phase-Dependent Photocatalytic Activity of Bulk and Exfoliated Defect-Controlled Flakes of Layered Copper Sulfides under Simulated Solar Light. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16103-16114.	3.2	9
17	Effect of Diamond Polishing and Thermal Treatment on Carbon Paramagnetic Centers TM Nature and Structure. <i>Materials</i> , 2021, 14, 7719.	1.3	0
18	The relationship of morphology and catalytic activity: A case study of iron corrole incorporated in high surface area carbon supports. <i>Carbon</i> , 2020, 158, 238-243.	5.4	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. <i>ACS Omega</i> , 2020, 5, 28500-28509.	1.6	5
20	An EPR Study on the Interaction between the Cu(I) Metal Binding Domains of ATP7B and the Atox1 Metallochaperone. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5536.	1.8	8
21	Enantioselective Crystallization of Chiral Inorganic Crystals of $\mu\text{-Zn}(\text{OH})_2$ with Amino Acids. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20924-20929.	7.2	14
22	Enantioselective Crystallization of Chiral Inorganic Crystals of $\mu\text{-Zn}(\text{OH})_2$ with Amino Acids. <i>Angewandte Chemie</i> , 2020, 132, 21110-21115.	1.6	3
23	Cu(I) Controls Conformational States in Human Atox1 Metallochaperone: An EPR and Multiscale Simulation Study. <i>Journal of Physical Chemistry B</i> , 2020, 124, 4399-4411.	1.2	10
24	Stabilized Behavior of $\text{LiNi}_{0.85}\text{Co}_{0.10}\text{Mn}_{0.05}\text{O}_2$ Cathode Materials Induced by Their Treatment with SO_2 . <i>ACS Applied Energy Materials</i> , 2020, 3, 3609-3618.	2.5	25
25	Treated Oil Shale Ashes as a Substitute for Natural Aggregates, Sand, and Cement in Concrete. <i>Israel Journal of Chemistry</i> , 2020, 60, 638-643.	1.0	6
26	Does the ATSM-Cu(II) Biomarker Integrate into the Human Cellular Copper Cycle?. <i>ACS Omega</i> , 2019, 4, 12278-12285.	1.6	10
27	Unraveling the Impact of Cysteine-to-Serine Mutations on the Structural and Functional Properties of Cu(I)-Binding Proteins. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3462.	1.8	16
28	EPR Distance Measurements as a Tool to Characterize Protein-DNA Interactions. <i>Israel Journal of Chemistry</i> , 2019, 59, 980-989.	1.0	9
29	Neuroigin-2-derived peptide-covered polyamidoamine-based (PAMAM) dendrimers enhance pancreatic β -cells' proliferation and functions. <i>MedChemComm</i> , 2019, 10, 280-293.	3.5	4
30	The pivotal role of MBD4-ATP7B in the human Cu excretion path as revealed by EPR experiments and all-atom simulations. <i>Metallomics</i> , 2019, 11, 1288-1297.	1.0	15
31	Copper trafficking in eukaryotic systems: current knowledge from experimental and computational efforts. <i>Current Opinion in Structural Biology</i> , 2019, 58, 26-33.	2.6	39
32	Innentitelbild: EPR Spectroscopy Detects Various Active State Conformations of the Transcriptional Regulator CueR (Angew. Chem. 10/2019). <i>Angewandte Chemie</i> , 2019, 131, 2934-2934.	1.6	0
33	Exploring the role of the various methionine residues in the Escherichia coli CusB adapter protein. <i>PLoS ONE</i> , 2019, 14, e0219337.	1.1	8
34	On the reactions of methyl radicals with nitrilotris(methylenephosphonic-acid) complexes in aqueous solutions. <i>Journal of Coordination Chemistry</i> , 2019, 72, 3445-3457.	0.8	3
35	Inhibiting the copper efflux system in microbes as a novel approach for developing antibiotics. <i>PLoS ONE</i> , 2019, 14, e0227070.	1.1	9
36	Investigation of a KcsA Cytoplasmic pH Gate in Lipoprotein Nanodiscs. <i>ChemBioChem</i> , 2019, 20, 813-821.	1.3	8

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37	EPR Spectroscopy Detects Various Active State Conformations of the Transcriptional Regulator CueR. <i>Angewandte Chemie</i> , 2019, 131, 3085-3088.	1.6	9
38	EPR Spectroscopy Detects Various Active State Conformations of the Transcriptional Regulator CueR. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3053-3056.	7.2	48
39	Imidazole decorated reduced graphene oxide: A biomimetic ligand for selective oxygen reduction electrocatalysis with Metalloporphyrins. <i>Carbon</i> , 2019, 143, 223-229.	5.4	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 $[\text{Cu}^{\text{II}}(\text{CO}_3)_2]^{2-}$ as a Water Oxidation Catalyst: Carbonate as a Non-Innocent Ligand. <i>Chemistry - A European Journal</i> , 2018, 24, 1088-1096.	1.7	21
49	Environmental impact and potential use of coal fly ash and sub-economical quarry fine aggregates in concrete. <i>Journal of Hazardous Materials</i> , 2018, 344, 1043-1056.	6.5	34
50	The involvement of carbon-centered radicals in the aging process of coals under atmospheric conditions: an EPR study. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 27025-27035.	1.3	16
51	Peptide-based development of PKA activators. <i>New Journal of Chemistry</i> , 2018, 42, 18585-18597.	1.4	2
52	Insights into the N-terminal Cu(II) and Cu(I) binding sites of the human copper transporter CTR1. <i>Journal of Coordination Chemistry</i> , 2018, 71, 1985-2002.	0.8	19
53	Reactions of carbonate radical anion with amino-carboxylate complexes of manganese(II) and iron(III). <i>Journal of Coordination Chemistry</i> , 2018, 71, 1749-1760.	0.8	2
54	The structural flexibility of the human copper chaperone Atox1: Insights from combined pulsed EPR studies and computations. <i>Protein Science</i> , 2017, 26, 1609-1618.	3.1	14

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55	Structural and Dynamics Characterization of the MerR Family Metalloregulator CueR in its Repression and Activation States. <i>Structure</i> , 2017, 25, 988-996.e3.	1.6	38
56	EPR Spectroscopy Targets Structural Changes in the E.Âcoli Membrane Fusion CusB upon Cu(I) Binding. <i>Biophysical Journal</i> , 2017, 112, 2494-2502.	0.2	14
57	Correction: Gd(III)â€Gd(III) EPR distance measurements â€ the range of accessible distances and the impact of zero field splitting. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 18614-18614.	1.3	0
58	Ctr1 Intracellular Loop Is Involved in the Copper Transfer Mechanism to the Atox1 Metallochaperone. <i>Journal of Physical Chemistry B</i> , 2016, 120, 12334-12345.	1.2	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. <i>Analytical Chemistry</i> , 2016, 88, 4440-4447.	3.2	43
60	Preparation and Properties of Metal Organic Framework/Activated Carbon Composite Materials. <i>Langmuir</i> , 2016, 32, 4935-4944.	1.6	97
61	A New Oxopiperazinâ€Based Peptidomimetic Molecule Inhibits Prostatic Acid Phosphatase Secretion and Induces Prostate Cancer Cell Apoptosis. <i>ChemistrySelect</i> , 2016, 1, 4658-4667.	0.7	7
62	Modulation of Oxygen Content in Graphene Surfaces Using Temperature-Programmed Reductive Annealing: Electron Paramagnetic Resonance and Electrochemical Study. <i>Langmuir</i> , 2016, 32, 11672-11680.	1.6	24
63	Different oxidation mechanisms of Mn^{II}(polyphosphate)_n by the radicals and. <i>Journal of Coordination Chemistry</i> , 2016, 69, 1709-1721.	0.8	6
64	A simple double quantum coherence ESR sequence that minimizes nuclear modulations in Cu ²⁺ -ion based distance measurements. <i>Journal of Magnetic Resonance</i> , 2015, 257, 45-50.	1.2	14
65	Histidine residues are important for preserving the structure and heme binding to the <i>C. elegans</i> HRG-3 heme-trafficking protein. <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 1253-1261.	1.1	8
66	Gd(III)â€Gd(III) EPR distance measurements â€ the range of accessible distances and the impact of zero field splitting. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 18464-18476.	1.3	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. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4824-4830.	1.2	32
68	EPR spectroscopy identifies Met and Lys residues that are essential for the interaction between the CusB N-terminal domain and metallochaperone CusF. <i>Metallomics</i> , 2015, 7, 1163-1172.	1.0	12
69	EPR and NMR spectroscopies provide input on the coordination of Cu(I) and Ag(I) to a disordered methionine segment. <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 719-727.	1.1	13
70	Potential of Hazardous Waste Encapsulation in Concrete Compound Combination with Coal Ash and Quarry Fine Additives. <i>Environmental Science & Technology</i> , 2015, 49, 14146-14155.	4.6	10
71	SOD mimetic activity and antiproliferative properties of a novel tetra nuclear copper (II) complex. <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 1287-1298.	1.1	9
72	The Arabidopsis Cysteine-Rich GAS5 Is a Redox-Active Metalloprotein that Suppresses Gibberellin Responses. <i>Molecular Plant</i> , 2014, 7, 244-247.	3.9	34

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73	On the Mechanism of Reduction of Maleate Ions by NiII Complexes with Tetraazamacrocyclic Ligands in Aqueous Solutions. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 932-940.	1.0	2
74	Paramagnetic Metal Ions in Pulsed ESR Distance Distribution Measurements. <i>Accounts of Chemical Research</i> , 2014, 47, 688-695.	7.6	59
75	Chemical and Surface Transformations of Bituminous Coal Fly Ash Used in Israel Following Treatments with Acidic and Neutral Aqueous Solutions. <i>Energy & Fuels</i> , 2014, 28, 4657-4665.	2.5	16
76	Elucidating the role of stable carbon radicals in the low temperature oxidation of coals by coupled EPR-NMR spectroscopy – a method to characterize surfaces of porous carbon materials. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 9364.	1.3	27
77	Probing the Structural Flexibility of the Human Copper Metallochaperone Atox1 Dimer and Its Interaction with the CTR1 C-Terminal Domain. <i>Journal of Physical Chemistry B</i> , 2014, 118, 5832-5842.	1.2	20
78	Exploring the Radical Nature of a Carbon Surface by Electron Paramagnetic Resonance and a Calibrated Gas Flow. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	2
79	Sensitive Cu ²⁺ Distance Measurements in a Protein-DNA Complex by Double-Quantum Coherence ESR. <i>Journal of Physical Chemistry B</i> , 2013, 117, 6227-6230.	1.2	28
80	Reducing the spin-spin interaction of stable carbon radicals. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 6182.	1.3	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. <i>Molecular Physics</i> , 2013, 111, 2980-2991.	0.8	10
82	Field and Laboratory Simulation Study of Hot Spots in Stockpiled Bituminous Coal. <i>Energy & Fuels</i> , 2012, 26, 7230-7235.	2.5	32
83	Stable radicals formation in coals undergoing weathering: effect of coal rank. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 13046.	1.3	47
84	CO ₂ Adsorption Inside the Pore Structure of Different Rank Coals during Low Temperature Oxidation of Open Air Coal Stockpiles. <i>Energy & Fuels</i> , 2011, 25, 4211-4215.	2.5	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. <i>Energy & Fuels</i> , 2011, 25, 5626-5631.	2.5	13
86	The Effect of an Electrical Bias on the Mechanism of Decomposition of Transients with Metal-Carbon σ Bonds. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3252-3255.	1.0	5
87	Pulsed Electron Spin Resonance Resolves the Coordination Site of Cu ²⁺ Ions in α -1-Glycine Receptor. <i>Biophysical Journal</i> , 2010, 99, 2497-2506.	0.2	16
88	On the mechanism of reduction of maleate by a Co(I) complex with a macrocyclic ligand in aqueous solutions. <i>Journal of Coordination Chemistry</i> , 2010, 63, 2528-2541.	0.8	3
89	Modes of Formation of Carbon Oxides (CO _x (x = 1,2)) From Coals During Atmospheric Storage: Part I Effect of Coal Rank. <i>Energy & Fuels</i> , 2010, 24, 6366-6374.	2.5	11
90	A novel Cell-cyclam type complex and its redox chemistry in aqueous solutions. <i>Research on Chemical Intermediates</i> , 2009, 35, 543-554.	1.3	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. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 148-160.	1.3	28
92	High-Resolution Cryogenic-Electron Microscopy Reveals Details of a Hexagonal-to-Bicontinuous Cubic Phase Transition in Mesoporous Silica Synthesis. <i>Journal of the American Chemical Society</i> , 2009, 131, 12466-12473.	6.6	34
93	Molecular Level Processes and Nanostructure Evolution During the Formation of the Cubic Mesoporous Material KIT-6. <i>Chemistry of Materials</i> , 2008, 20, 2779-2792.	3.2	56
94	Evolution of Solution Structures during the Formation of the Cubic Mesoporous Material, KIT-6, Determined by Double Electron Electron Resonance. <i>Journal of Physical Chemistry C</i> , 2008, 112, 7102-7109.	1.5	20
95	Effect of Silica-Supported Silver Nanoparticles on the Dihydrogen Yields from Irradiated Aqueous Solutions. <i>Journal of Physical Chemistry C</i> , 2007, 111, 10461-10466.	1.5	23
96	Ligand Effects on the Chemical Activity of Copper(I) Complexes: Outer- and Inner-Sphere Oxidation of Cu(I). <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 530-536.	1.0	11
97	Resolving Intermediate Solution Structures during the Formation of Mesoporous SBA-15. <i>Journal of the American Chemical Society</i> , 2006, 128, 3366-3374.	6.6	138
98	Pyrophosphate and ATP as Stabilizing Ligands for High-Valent Nickel Complexes. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 523-525.	1.0	2
99	Reduction of CCl ₄ by Iron Powder in Aqueous Solution. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 1227-1229.	1.0	7
100	The Redox Chemistry of (N1-[3-(2-aminoethylimino)-1,1-dimethylbutyl]ethane-1,2-diamine)nickel(II) Perchlorate, Ni(II)(ClO ₄) ₂ , in Aqueous Solutions -A Pulse Radiolytic and an Electrochemical Study. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4335-4340.	1.0	0
101	Mechanism of Isomerization of Ni(cyclam) in Aqueous Solutions. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4997-5004.	1.0	5
102	Double Electron Electron Resonance as a Method for Characterization of Micelles. <i>Journal of Physical Chemistry B</i> , 2005, 109, 22843-22851.	1.2	35
103	Redox Chemistry of Nickel Complexes in Aqueous Solutions. <i>Chemical Reviews</i> , 2005, 105, 2609-2626.	23.0	93
104	EPR studies on the organization of self-assembled spin-labeled organic monolayers adsorbed on GaAs. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 524.	1.3	20
105	Mechanism of Reduction of the Nitrite Ion by Cu(I) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 3675.	1.0	15
106	Study of the Initial Formation Stages of the Mesoporous Material SBA-15 Using Spin-Labeled Block Co-polymer Templates. <i>Journal of Physical Chemistry B</i> , 2004, 108, 9016-9022.	1.2	95
107	Mechanism of Reduction of 2,2-Dibromomethyl-1,3-propanediol by Ni(II)-Tetraazamacrocyclic Complexes in Aqueous Solution - A Pulse Radiolysis and Electrochemical Study. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 4105-4109.	1.0	8
108	Reaction of Methyl Radicals with Metal Powders Immersed in Aqueous Solutions. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 4227-4233.	1.0	35

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109	Study of the Formation of the Mesoporous Material SBA-15 by EPR Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2003, 107, 1739-1748.	1.2	127
110	Cu(i)(2,5,8,11-tetramethyl-2,5,8,11-tetraazadodecane)+as a catalyst for Ullmann's reaction. <i>Dalton Transactions</i> , 2003, , 2024-2028.	1.6	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⁺ . <i>Supramolecular Chemistry</i> , 2002, 14, 221-229.	1.5	1
112	Kinetics and Reaction Mechanisms of Complexes with Cobalt ^{II} -Carbon σ Bonds of the Type $\{(NH_3)_5Co^{\sigma}R\}^{n+}$ in Aqueous Solutions, a Pulse Radiolysis Study. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 87-92.	1.0	20
113	Ligand Effects on the Reactivity of CuL Complexes Towards Cl ₃ CCO ₂ ⁻ . <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 423-429.	1.0	18
114	Neutralization of acid mine drainage by Turkish lignitic fly ashes; role of organic additives in the fixation of toxic elements. <i>Journal of Chemical Technology and Biotechnology</i> , 2002, 77, 372-376.	1.6	23
115	Chemical neutralization of acidic wastes using fly ash in Israel. <i>Journal of Chemical Technology and Biotechnology</i> , 2002, 77, 377-381.	1.6	16
116	Chemical neutralization of acidic wastes using fly ash in Israel Paper presented at the PROGRES Workshop: Novel Products from Combustion Residues, 6 th -8 June 2001, Morella, Spain. <i>Journal of Chemical Technology and Biotechnology</i> , 2002, 77, 377.	1.6	1
117	High-Pressure Pulse-Radiolysis Study of the Formation and Decomposition of Complexes with Iron ^{II} -Carbon σ Bonds: A Mechanistic Comparison for Different Metal Centers. <i>Inorganic Chemistry</i> , 2001, 40, 4966-4970.	1.9	8
118	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 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. <i>Supramolecular Chemistry</i> , 2001, 13, 325-332.	1.5	6
120	Syntheses, Structures and Properties of Copper(I) and Copper(II) Complexes of the Ligand N,N'-Bis[2-(dimethylamino)ethyl]-N,N'-dimethylethane-1,2-diamine (Me6trien). <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 719-726.	1.0	22
121	EPR Measurements corroborate information concerning the nature of (H ₂ O) ₅ Cr(III)-alkyl complexes. <i>Dalton Transactions RSC</i> , 2000, , 3082-3085.	2.3	18
122	Syntheses, Structures and Properties of Copper(I) and Copper(II) Complexes of the Ligand N,N'-Bis[2-(dimethylamino)ethyl]-N,N'-dimethylethane-1,2-diamine (Me6trien). <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 719-726.	1.0	1
123	Properties of the Nickel(III) Complex with 1,4,8,11-Tetraazacyclotetradecane-1,4,8,11-tetraacetate in Aqueous Solution. <i>Inorganic Chemistry</i> , 1996, 35, 5127-5131.	1.9	18
124	Tertiary-poly-amine ligands as stabilisers of transition metal complexes with uncommon oxidation states. <i>Supramolecular Chemistry</i> , 1996, 6, 275-279.	1.5	27
125	Organic volatiles emissions accompanying the low-temperature atmospheric storage of bituminous coals. <i>Fuel</i> , 1995, 74, 1357-1362.	3.4	22
126	Reactions of Low Valent Transition Metal Complexes with Hydrogen Peroxide. Are they α -Fenton-Like or not? 4. The Case of Fe(II)L, L = Edta; Hedta and Tcma. <i>Free Radical Research</i> , 1995, 23, 453-463.	1.5	43

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127	Emission of toxic and fire hazardous gases from open air coal stockpiles. Fuel, 1994, 73, 1184-1188.	3.4	26
128	Evolution of molecular hydrogen during the atmospheric oxidation of coal. Fuel, 1991, 70, 897-898.	3.4	19
129	Effect of pressure on an intramolecular electron-transfer reaction induced by pulse-radiolysis. High Pressure Research, 1991, 6, 287-290.	0.4	1