

Mark R Antonio

List of Publications by Year in descending order

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4666
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#	ARTICLE	IF	CITATIONS
1	Electrochemistry of PUREX: <i>R</i> is for reduction and ion transfer. Solvent Extraction and Ion Exchange, 2022, 40, 64-85.	0.8	11
2	Advancing Chemical Separations: Unraveling the Structure and Dynamics of Phase Splitting in Liquid-Liquid Extraction. Journal of Physical Chemistry B, 2022, 126, 2420-2429.	1.2	5
3	Pentavalent Uranium Enriched Mineral Surface under Electrochemically Controlled Reducing Environments. ACS Earth and Space Chemistry, 2022, 6, 1204-1212.	1.2	5
4	Tribute to the Legacy of Renato Chiarizia (1942-2019). Solvent Extraction and Ion Exchange, 2021, 39, 123-125.	0.8	0
5	Multiscale investigations of europium(III) complexation with tetra-n-octyl diglycolamide confined in porous solid supports. CrystEngComm, 2020, 22, 6886-6899.	1.3	3
6	Nanoscale Critical Phenomena in a Complex Fluid Studied by X-Ray Photon Correlation Spectroscopy. Physical Review Letters, 2020, 125, 125504.	2.9	16
7	Electrochemical reduction of europium(III) using tetra-n-octyl diglycolamide functionalized ordered mesoporous carbon microelectrodes. Journal of Materials Chemistry C, 2020, 8, 6689-6700.	2.7	11
8	Proton Chelating Ligands Drive Improved Chemical Separations for Rhodium. Inorganic Chemistry, 2019, 58, 8720-8734.	1.9	18
9	A Telescoping View of Solute Architectures in a Complex Fluid System. ACS Central Science, 2019, 5, 85-96.	5.3	48
10	pH-Dependent Interactions between Keggin Heteropolyanions in Dilute Solutions. European Journal of Inorganic Chemistry, 2019, 2019, 367-373.	1.0	9
11	Third phase inversion, red oil formation, and multinuclear speciation of tetravalent cerium in the tri-n-butyl phosphate-n-dodecane solvent extraction system. Separation Science and Technology, 2018, 53, 1834-1847.	1.3	13
12	Structural study of complexes formed by acidic and neutral organophosphorus reagents. Dalton Transactions, 2017, 46, 1194-1206.	1.6	26
13	Structural insights into the multinuclear speciation of tetravalent cerium in the tri-n-butyl phosphate-n-dodecane solvent extraction system. Physical Chemistry Chemical Physics, 2017, 19, 21304-21316.	1.3	34
14	A Self-Limiting Electro-Ablation Technique for the Top-Down Synthesis of Large-Area Monolayer Flakes of 2D Materials. Scientific Reports, 2016, 6, 28195.	1.6	24
15	Aggregation of Heteropolyanions Implicates the Presence of Zundel Ions Near Air-Water Interfaces. ChemistrySelect, 2016, 1, 2107-2112.	0.7	7
16	Trapped in the coordination sphere: nitrate ion transfer driven by the cerium(III)/cerium(IV) redox couple. Physical Chemistry Chemical Physics, 2016, 18, 31254-31259.	1.3	8
17	Crystallization of Keggin Heteropolyanions via a Two-Step Process in Aqueous Solutions. Journal of the American Chemical Society, 2016, 138, 7282-7288.	6.6	29
18	Aggregation of Heteropolyanions in Aqueous Solutions Exhibiting Short-Range Attractions and Long-Range Repulsions. Journal of Physical Chemistry C, 2016, 120, 1317-1327.	1.5	37

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19	Tetravalent Ce in the Nitrate-Decorated Hexanuclear Cluster [Ce ₆ ($\frac{1}{4}$ -O) ₄ ($\frac{1}{4}$ -OH) ₄] ¹²⁺ : A Structural End Point for Ceria Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5810-5818.	1.5	62
20	Titelbild: Revisiting the Solution Structure of Ceric Ammonium Nitrate (<i>Angew. Chem.</i> 26/2015). <i>Angewandte Chemie</i> , 2015, 127, 7561-7561.	1.6	0
21	Polynuclear Speciation of Trivalent Cations near the Surface of an Electrolyte Solution. <i>Langmuir</i> , 2015, 31, 5432-5439.	1.6	8
22	Erbium(III) Coordination at the Surface of an Aqueous Electrolyte. <i>Journal of Physical Chemistry B</i> , 2015, 119, 8734-8745.	1.2	14
23	Revisiting the Solution Structure of Ceric Ammonium Nitrate. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7534-7538.	7.2	43
24	Electrochemical and Spectroscopic Evidence on the One-Electron Reduction of U(VI) to U(V) on Magnetite. <i>Environmental Science & Technology</i> , 2015, 49, 6206-6213.	4.6	96
25	An europium(III) diglycolamide complex: insights into the coordination chemistry of lanthanides in solvent extraction. <i>Dalton Transactions</i> , 2015, 44, 515-521.	1.6	66
26	Complexation-Induced Supramolecular Assembly Drives Metal-Ion Extraction. <i>Chemistry - A European Journal</i> , 2014, 20, 12796-12807.	1.7	86
27	Redox Chemistry of Heteropolyacid Microemulsions. <i>ChemElectroChem</i> , 2014, 1, 1173-1181.	1.7	6
28	Structural aspects of heteropolyacid microemulsions. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 22566-22574.	1.3	15
29	Observation of a Rare Earth Ion-Extractant Complex Arrested at the Oil-Water Interface During Solvent Extraction. <i>Journal of Physical Chemistry B</i> , 2014, 118, 10662-10674.	1.2	64
30	Contrasting ion-association behaviour of Ta and Nb polyoxometalates. <i>Dalton Transactions</i> , 2014, 43, 15295-15299.	1.6	55
31	A SAXS Study of Aggregation in the Synergistic TBP-HDBP Solvent Extraction System. <i>Journal of Physical Chemistry B</i> , 2013, 117, 5916-5924.	1.2	54
32	Periodic Behavior of Lanthanide Coordination within Reverse Micelles. <i>Chemistry - A European Journal</i> , 2013, 19, 2663-2675.	1.7	67
33	Synergistic Extraction of Dysprosium and Aggregate Formation in Solvent Extraction Systems Combining TBP and HDBP. <i>Solvent Extraction and Ion Exchange</i> , 2013, 31, 617-633.	0.8	18
34	Mesoscopic Aspects of Phase Transitions in a Solvent Extraction System. <i>Langmuir</i> , 2012, 28, 15498-15504.	1.6	35
35	Microscopic Structures of Tri- <i>n</i> -butyl Phosphate/ <i>n</i> -Octane Mixtures by X-ray and Neutron Scattering in a Wide <i>q</i> Range. <i>Journal of Physical Chemistry B</i> , 2012, 116, 1319-1327.	1.2	40
36	Preparation, Stability, and Structural Characterization of Plutonium(VII) in Alkaline Aqueous Solution. <i>Inorganic Chemistry</i> , 2012, 51, 5274-5281.	1.9	31

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37	Coordination Structures and Supramolecular Architectures in a Cerium(III) Malonamide Solvent Extraction System. <i>Langmuir</i> , 2012, 28, 5987-5998.	1.6	55
38	A Journey inside the U ₂₈ Nanocapsule. <i>Chemistry - A European Journal</i> , 2012, 18, 8340-8346.	1.7	39
39	Redox Chemistry of Third Phases Formed in the Cerium/Nitric Acid/Malonamide Dodecane Solvent Extraction System. <i>ChemPlusChem</i> , 2012, 77, 41-47.	1.3	15
40	Solvent-Driven Association and Dissociation of the Hydrogen-Bonded Protonated Decavanadates. <i>Journal of the American Chemical Society</i> , 2011, 133, 7248-7251.	6.6	49
41	X-Ray Absorption Spectroscopy of the Actinides. , 2010, , 3086-3198.		1
42	Third-Phase Formation in the Extraction of Phosphotungstic Acid by TBP in n-Octane. <i>Separation Science and Technology</i> , 2010, 45, 1689-1698.	1.3	21
43	Selective Monovalent Cation Association and Exchange around Keplerate Polyoxometalate Macroanions in Dilute Aqueous Solutions. <i>Langmuir</i> , 2010, 26, 9449-9456.	1.6	66
44	Series behavior of lanthanoid(iii) complexes with the Î±-1-Wells-Dawson heteropolyoxoanion in acetonitrile: electrochemistry and Ln coordination. <i>Dalton Transactions</i> , 2010, 39, 7980.	1.6	16
45	Direct Observation of Contact Ion Pair Formation in Aqueous Solution. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6136-6140.	7.2	121
46	Counterion Distribution around Hydrophilic Molecular Macroanions: The Source of the Attractive Force in Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6538-6542.	7.2	70
47	In situ measurement of the Preyssler polyoxometalate morphology upon electrochemical reduction: A redox system with Born electrostatic ion solvation behavior. <i>Journal of Electroanalytical Chemistry</i> , 2009, 626, 103-110.	1.9	16
48	Evidence of Trivalent Europium Incorporated in Anatase TiO ₂ Nanocrystals with Multiple Sites. <i>Journal of Physical Chemistry C</i> , 2008, 112, 10370-10377.	1.5	119
49	Europium(III) Reduction and Speciation within a Wells-Dawson Heteropolytungstate. <i>Inorganic Chemistry</i> , 2008, 47, 6889-6899.	1.9	30
50	A Comparison of Neptunyl(V) and Neptunyl(VI) Solution Coordination: The Stability of Cation-Cation Interactions. <i>Inorganic Chemistry</i> , 2008, 47, 4591-4595.	1.9	67
51	Optical Spectroscopy of Eu ³⁺ Doped ZnO Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2008, 112, 686-694.	1.5	219
52	Stabilization of Plutonium(III) in the Preyssler Polyoxometalate. <i>Inorganic Chemistry</i> , 2008, 47, 8278-8285.	1.9	43
53	X-ray Absorption Spectroscopy of the Actinides. , 2008, , 3086-3198.		17
54	Extraction of Lanthanides(III) and Am(III) by Mixtures of Malonamide and Dialkylphosphoric Acid. <i>Solvent Extraction and Ion Exchange</i> , 2007, 25, 313-337.	0.8	83

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55	Tetraalkylphosphonium polyoxometalates: electroactive, task-specific ionic liquids. Dalton Transactions, 2007, , 529-531.	1.6	74
56	Tetraalkylphosphonium Polyoxometalate Ionic Liquids: A Novel, Organic-Inorganic Hybrid Materials. Journal of Physical Chemistry B, 2007, 111, 4685-4692.	1.2	154
57	The Curium Aqua Ion. Inorganic Chemistry, 2007, 46, 3485-3491.	1.9	136
58	Structural study of trivalent lanthanide and actinide complexes formed upon solvent extraction. Dalton Transactions, 2006, , 4553.	1.6	57
59	Actinyl Peroxide Nanospheres. Angewandte Chemie - International Edition, 2005, 44, 2135-2139.	7.2	255
60	Cover Picture: Actinyl Peroxide Nanospheres (Angew. Chem. Int. Ed. 14/2005). Angewandte Chemie - International Edition, 2005, 44, 2039-2039.	7.2	3
61	Presence and Persistence of Uranyl Peroxide Nanoclusters in Contact with Geological Media. Materials Research Society Symposia Proceedings, 2005, 893, 1.	0.1	0
62	Redox chemistry of the Keggin heteropolyoxotungstate anion in ionic liquids. Journal of Electroanalytical Chemistry, 2004, 567, 77-84.	1.9	64
63	Energetics of the Preyssler anion's molecular orbitals: quantifying the effect of the encapsulated-cation's charge. Dalton Transactions, 2004, , 3562.	1.6	24
64	A unique coordination environment for an ion: EXAFS studies and bond valence model approach of the encapsulated cation in the Preyssler anion. Dalton Transactions, 2004, , 801.	1.6	23
65	Coordination of Actinide Ions in Wells Dawson Heteropolyoxoanion Complexes. European Journal of Inorganic Chemistry, 2003, 2003, 2663-2669.	1.0	31
66	Redox Chemistry of Actinide Ions in Wells Dawson Heteropolyoxoanion Complexes. European Journal of Inorganic Chemistry, 2003, 2003, 2929-2936.	1.0	28
67	In Situ Actinide X-ray Absorption Spectroelectrochemistry. Materials Research Society Symposia Proceedings, 2003, 802, 146.	0.1	0
68	Correlated Electrons in the Eu-Exchanged Preyssler Anion [EuP5W30O110]n-. Journal of the American Chemical Society, 2002, 124, 7290-7291.	6.6	22
69	In Situ Ru LII and LIII Edge X-ray Absorption Near Edge Structure of Electrodeposited Ruthenium Dioxide Films. Journal of Physical Chemistry B, 2002, 106, 12373-12375.	1.2	25
70	In situ sulfur K-edge X-ray absorption near edge structure of an embedded pyrite particle electrode in a non-aqueous Li+-based electrolyte solution. Electrochimica Acta, 2002, 47, 3195-3200.	2.6	19
71	The Coordination Geometry of Np(VII) in Alkaline Solution. Journal of the American Chemical Society, 2001, 123, 4346-4347.	6.6	67
72	Coordination of Rare-Earth Elements in Complexes with Monovacant Wells Dawson Polyoxoanions. Inorganic Chemistry, 2001, 40, 1894-1901.	1.9	109

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73	In Situ Co K-Edge X-Ray Absorption Fine Structure of Cobalt Hydroxide Film Electrodes in Alkaline Solutions. <i>Journal of the Electrochemical Society</i> , 2000, 147, 4594.	1.3	39
74	The formation and stability of $[\text{EuP}_5\text{W}_3\text{O}_{110}]^{12-}$ and $[\text{AmP}_5\text{W}_3\text{O}_{110}]^{12-}$. <i>Journal of Alloys and Compounds</i> , 2000, 303-304, 509-513.	2.8	18
75	In Situ Ru K-Edge X-Ray Absorption Fine Structure Studies of Electroprecipitated Ruthenium Dioxide Films with Relevance to Supercapacitor Applications. <i>Journal of Physical Chemistry B</i> , 2000, 104, 9777-9779.	1.2	62
76	Redox behavior of cerium in heteropolyoxotungstate complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 3825-3830.	1.1	31
77	XANES Spectroelectrochemistry: A New Method for Determining Formal Potentials. <i>Analytical Chemistry</i> , 1999, 71, 4622-4628.	3.2	59
78	The Influence of <i>Desulfovibrio Desulfuricans</i> on Neptunium Chemistry. <i>Materials Research Society Symposia Proceedings</i> , 1999, 590, 27.	0.1	4
79	Extracellular Iron-Sulfur Precipitates From Growth of <i>Desulfovibrio desulfuricans</i> . <i>Materials Research Society Symposia Proceedings</i> , 1999, 590, 33.	0.1	0
80	Synthesis and characterization of actinide-exchanged Preyssler heteropolyanions $[\text{AnP}_5\text{W}_3\text{O}_{110}]^{n-}$ (An = Th, Am, Cm). <i>Journal of Alloys and Compounds</i> , 1998, 271-273, 846-849.	2.8	18
81	Coordination and valence of europium in $[\text{Eu}(\pm\text{-2-As}_2\text{W}_{17}\text{O}_{61})_2]^{17-}$ and $[\text{Eu}(\text{W}_5\text{O}_{18})_2]^{9-}$. <i>Journal of Alloys and Compounds</i> , 1998, 275-277, 827-830.	2.8	14
82	X-ray excited optical luminescence (XEOL) detection of x-ray absorption fine structure (XAFS). <i>Journal of Chemical Physics</i> , 1998, 109, 6745-6752.	1.2	52
83	In Situ X-Ray Absorption Fine Structure Studies of a Manganese Dioxide Electrode in a Rechargeable MnO_2/Zn Alkaline Battery Environment. <i>Journal of the Electrochemical Society</i> , 1997, 144, 1598-1603.	1.3	12
84	In situ X-ray absorption fine structure and optical reflectance studies of electrodeposited nickel hydrous oxide films in alkaline electrolytes. <i>Canadian Journal of Chemistry</i> , 1997, 75, 1721-1729.	0.6	25
85	The effect of f-ion valence on superconductivity in the series $\text{Pb}_2\text{Sr}_2\text{RCu}_3\text{O}_8$ (R=Ce, Pr, Tb and Am). <i>Journal of Alloys and Compounds</i> , 1997, 250, 623-626.	2.8	19
86	Local environments of erbium and lutetium in sodium silicate glasses. <i>Journal of Alloys and Compounds</i> , 1997, 250, 536-540.	2.8	22
87	Implications of the unusual redox behavior exhibited by the heteropolyanion $[\text{EuP}_5\text{W}_3\text{O}_{110}]^{12-}$. <i>Journal of Alloys and Compounds</i> , 1997, 250, 541-543.	2.8	28
88	In Situ Fe K-Edge X-ray Absorption Fine Structure of a Pyrite Electrode in a Li/Polyethylene Oxide(LiClO ₄)/FeS ₂ Battery Environment. <i>Journal of Physical Chemistry B</i> , 1997, 101, 9751-9756.	1.2	37
89	Comparison of the Cation Valence and Coordination in Ce_2UO_6 and Ce_2MoO_6 . <i>Chemistry of Materials</i> , 1996, 8, 2673-2680.	3.2	30
90	The synthesis and characterization of the superconductor-related compound $\text{Pb}_2\text{Sr}_2\text{AmCu}_3\text{O}_8$. <i>Zeitschrift für Physik B-Condensed Matter</i> , 1996, 101, 539-545.	1.1	28

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91	Redox behavior of europium in the preyssler heteropolyanion [EuP5W30O110]12-. Journal of Cluster Science, 1996, 7, 585-591.	1.7	22
92	In situ total-electron-yield sulfur K-edge XAFS measurements during exposure of copper to an SO2-containing humid atmosphere. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 634-641.	0.7	22
93	Oxidation state and magnetic properties of Pb2Sr2Tb1-xYxCu3O8. Physical Review B, 1995, 52, 9736-9745.	1.1	21
94	In Situ X-ray Absorption Fine Structure Measurements of LaNi5 Electrodes in Alkaline Electrolytes. Journal of the Electrochemical Society, 1995, 142, 824-828.	1.3	19
95	In Situ La, Ce, and Nd L-Edge X-ray Absorption Fine Structure Study of an Intermetallic Metal Hydride Electrode in an Operating Alkaline Battery. Journal of the Electrochemical Society, 1995, 142, L76-L78.	1.3	6
96	An Iron K-Edge XANES Study of Iron and Iron Oxides for the Cathodic Disbonding of Fusion Bonded Epoxy in Alkaline Aqueous Solution. Journal of the Electrochemical Society, 1995, 142, 2219-2224.	1.3	8
97	In Situ Extended X-ray Absorption Fine Structure of an Iron Porphyrin Irreversibly Adsorbed on an Electrode Surface. The Journal of Physical Chemistry, 1995, 99, 10359-10364.	2.9	20
98	Coordination and Valence of Europium in the Heteropolyanion [EuP5W30O110]12-. The Journal of Physical Chemistry, 1995, 99, 9611-9616.	2.9	28
99	Polymorphs of Ln2MoO6: A Neutron Diffraction Investigation of the Crystal Structures of La2MoO6 and Tb2MoO6. Chemistry of Materials, 1995, 7, 333-340.	3.2	94
100	Electrochemical Insertion of Lithium into Pyrite from Nonaqueous Electrolytes at Room Temperature: An in Situ Fe K-Edge X-ray Absorption Fine Structure Study. The Journal of Physical Chemistry, 1995, 99, 3732-3735.	2.9	24
101	Tb oxidation state and hybridization in Y0.9Tb0.1Ba2Cu3O7- δ ($\delta=0.02, 0.84$): A magnetic-susceptibility and x-ray-absorption study. Physical Review B, 1994, 50, 7085-7091.	1.1	31
102	The oxidation state of cerium in Ce2MoO6. Journal of Alloys and Compounds, 1994, 207-208, 444-448.	2.8	12
103	The electronic properties of Ce in CeFe4P12. Journal of Alloys and Compounds, 1994, 207-208, 161-164.	2.8	27
104	Cerium Valence in Cerium-Exchanged Preyssler's Heteropolyanion through X-ray Absorption Near-Edge Structure. Inorganic Chemistry, 1994, 33, 5988-5993.	1.9	59
105	Synthesis and Properties of Lanthanide-Exchanged Preyssler's Heteropolyanions. Materials Research Society Symposia Proceedings, 1994, 368, 223.	0.1	7
106	In situ x-ray absorption fine structure studies of foreign metal ions in nickel hydrous oxide electrodes in alkaline electrolytes. The Journal of Physical Chemistry, 1994, 98, 10269-10276.	2.9	55
107	Synthesis, structure and characterization of Ce1-xAxTiO3 (0.0 x \leq 0.8; A = strontium,) Tj ETQq1 1 0.784314 rgBJ /Overlocl	3.2	26
108	Silver ion coordination in membranes for facilitated olefin transport. Industrial & Engineering Chemistry Research, 1993, 32, 273-278.	1.8	38

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109	The oxidation state and coordination environment of chromium in a sealed anodic aluminum oxide film by x-ray absorption spectroscopy. <i>Corrosion Science</i> , 1992, 33, 281-293.	3.0	29
110	In situ XANES of an iron porphyrin irreversibly adsorbed on an electrode surface. <i>Journal of the American Chemical Society</i> , 1991, 113, 9063-9066.	6.6	38
111	Coordination and valence of niobium in TiO ₂ NbO ₂ solid solutions through X-ray absorption spectroscopy. <i>Journal of Solid State Chemistry</i> , 1991, 93, 183-192.	1.4	26
112	Structural analysis of metastable pseudobrookite ferrous titanium oxides with neutron diffraction and Mossbauer spectroscopy. <i>Journal of Solid State Chemistry</i> , 1990, 88, 334-350.	1.4	24
113	The chemistry of the thermal decomposition of pseudobrookite ferrous titanium oxides. <i>Journal of Solid State Chemistry</i> , 1990, 88, 351-367.	1.4	12
114	Structural characterization of bismuth molybdates by x-ray absorption spectroscopy and powder neutron diffraction profile analysis. <i>The Journal of Physical Chemistry</i> , 1988, 92, 2939-2944.	2.9	42
115	Structural environments and oxidation states of metal cations in bismuth cerium molybdate solid solutions by x-ray absorption spectroscopy. <i>The Journal of Physical Chemistry</i> , 1988, 92, 2338-2345.	2.9	14
116	Interlayer coordination environments of iron, cobalt, and nickel in vanadyl phosphate dihydrate, VOPO ₄ ·2H ₂ O, intercalation compounds. <i>Inorganic Chemistry</i> , 1987, 26, 1235-1243.	1.9	70
117	New materials synthesis: Characterization of some metal-doped antimony oxides. <i>Journal of Solid State Chemistry</i> , 1986, 64, 249-260.	1.4	39
118	Tungsten as a weak backscatter: an example of information loss in extended x-ray absorption fine structure (EXAFS) spectroscopy. Tungsten and iron EXAFS studies of tungsten-iron-sulfur clusters containing the WS ₂ Fe unit. <i>Journal of the American Chemical Society</i> , 1985, 107, 3583-3590.	6.6	8
119	Stabilization of high-temperature antimony oxide with molybdenum incorporation. Structure of molybdenum-doped antimony oxide (Sb ₂ O ₄) by powder neutron diffraction and extended x-ray absorption fine structure spectroscopy. <i>Inorganic Chemistry</i> , 1985, 24, 3370-3375.	1.9	25
120	EXAFS model for the iron-molybdenum cofactor of nitrogenase: molybdenum, tungsten, and iron EXAFS of the [Cl ₂ FeS ₂ MS ₂ FeCl ₂] ²⁻ (M = molybdenum or tungsten) dianions. A comparison with the Mo EXAFS of nitrogenase. <i>Journal of the American Chemical Society</i> , 1983, 105, 5767-5770.	6.6	4
121	Iron and molybdenum extended x-ray absorption fine structure studies of double-cubane clusters containing molybdenum iron sulfide (MoFe ₃ S ₄) cores. <i>Journal of the American Chemical Society</i> , 1983, 105, 3477-3484.	6.6	12
122	Molybdenum K-edge extended x-ray absorption fine structure studies of synthetic molybdenum-iron-sulfur clusters containing the MoS ₄ unit: development of a fine adjustment technique based on models. <i>Journal of the American Chemical Society</i> , 1983, 105, 3751-3762.	6.6	52
123	EXAFS of glassy metallic alloys: Amorphous and crystalline MoNi. <i>Journal of Non-Crystalline Solids</i> , 1983, 58, 249-274.	1.5	26
124	Iron EXAFS of the iron-molybdenum cofactor of nitrogenase. <i>Journal of the American Chemical Society</i> , 1982, 104, 4703-4705.	6.6	58
125	New EXAFS models for the iron sites of the iron-molybdenum cofactor in nitrogenase: the [(p-CH ₃ C ₆ H ₄ S) ₂ FeS ₂ FeS ₂ MoS ₂] ³⁻ trianion and the [(C ₆ H ₅ O) ₂ FeS ₂ MoS ₂] ²⁻ dianion. <i>Journal of the American Chemical Society</i> , 1982, 104, 6126-6129.	6.6	24
126	Intercalation of tetrathiafulvalene into iron oxychloride. <i>Journal of the Chemical Society Chemical Communications</i> , 1981, , 382.	2.0	9