

Lynda Soderholm

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9305162/publications.pdf>

Version: 2024-02-01

260
papers

11,858
citations

44444

50
h-index

38517

99
g-index

310
all docs

310
docs citations

310
times ranked

6706
citing authors

#	ARTICLE	IF	CITATIONS
1	Amphiphile conformation impacts aggregate morphology and solution structure across multiple lengthscales. <i>Journal of Molecular Liquids</i> , 2022, 345, 117743.	2.3	7
2	Advancing Chemical Separations: Unraveling the Structure and Dynamics of Phase Splitting in Liquid-Liquid Extraction. <i>Journal of Physical Chemistry B</i> , 2022, 126, 2420-2429.	1.2	5
3	Molecular-scale origins of solution nanostructure and excess thermodynamic properties in a water/amphiphile mixture. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 8880-8890.	1.3	4
4	Impact of Water Extraction on Malonamide Aggregation: A Molecular Dynamics and Graph Theoretic Approach. <i>Journal of Physical Chemistry B</i> , 2021, 125, 6629-6638.	1.2	9
5	Effect of Background Electrolyte Composition on the Interfacial Formation of Th(IV) Nanoparticles on the Muscovite (001) Basal Plane. <i>Journal of Physical Chemistry C</i> , 2021, 125, 16524-16535.	1.5	7
6	Nanoscale Critical Phenomena in a Complex Fluid Studied by X-Ray Photon Correlation Spectroscopy. <i>Physical Review Letters</i> , 2020, 125, 125504.	2.9	16
7	Leveraging Actinide Hydrolysis Chemistry for Targeted Th and U Separations using Amidoxime-Functionalized Poly(HIPE)s. <i>ChemPhysChem</i> , 2020, 21, 1157-1165.	1.0	7
8	Amphiphile Organization in Organic Solutions: An Alternative Explanation for Small-Angle X-ray Scattering Features in Malonamide/Alkane Mixtures. <i>Journal of Physical Chemistry B</i> , 2020, 124, 10822-10831.	1.2	13
9	NpSe ₂ : a Binary Chalcogenide Containing Modulated Selenide Chains and Ambiguous-Valent Metal. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16130-16133.	7.2	4
10	NpSe ₂ : a Binary Chalcogenide Containing Modulated Selenide Chains and Ambiguous-Valent Metal. <i>Angewandte Chemie</i> , 2019, 131, 16276-16279.	1.6	2
11	Effect of Anions on the Changes in the Structure and Adsorption Mechanism of Zirconium Species at the Muscovite (001)-Water Interface. <i>Journal of Physical Chemistry C</i> , 2019, 123, 16699-16710.	1.5	7
12	Comparative CHARMM and AMOEBA Simulations of Lanthanide Hydration Energetics and Experimental Aqueous-Solution Structures. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 1781-1790.	2.3	28
13	Insight into selectivity: uptake studies of radionuclides ⁹⁰ Sr ²⁺ , ¹³⁷ Cs ⁺ , and ²³³ UO ₂ ²⁺ with bis-amidoxime polymers. <i>Dalton Transactions</i> , 2018, 47, 5348-5358.	1.6	5
14	Extraction Selectivity of a Quaternary Alkylammonium Salt for Trivalent Actinides over Trivalent Lanthanides: Does Extractant Aggregation Play a Role?. <i>Solvent Extraction and Ion Exchange</i> , 2017, 35, 266-279.	0.8	8
15	Subtle Effects of Aliphatic Alcohol Structure on Water Extraction and Solute Aggregation in Biphasic Water/n-Dodecane. <i>Langmuir</i> , 2017, 33, 3776-3786.	1.6	15
16	Linking Solution Structures and Energetics: Thorium Nitrate Complexes. <i>Journal of Physical Chemistry B</i> , 2017, 121, 8577-8584.	1.2	9
17	Influence of Counteraction Hydration Enthalpies on the Formation of Molecular Complexes: A Thorium-Nitrate Example. <i>Journal of the American Chemical Society</i> , 2017, 139, 18003-18008.	6.6	33
18	Perspective: Toward "synthesis by design": Exploring atomic correlations during inorganic materials synthesis. <i>APL Materials</i> , 2016, 4, 053212.	2.2	33

#	ARTICLE	IF	CITATIONS
19	Th ₃ [Th ₆ (OH) ₄ O ₄ (H ₂ O) ₆](SO ₄) ₁₂ A Self-Assembled Microporous Open-Framework Thorium Sulfate. <i>Inorganic Chemistry</i> , 2016, 55, 10098-10101.	1.9	26
20	A Comparison of Adsorption, Reduction, and Polymerization of the Plutonyl(VI) and Uranyl(VI) Ions from Solution onto the Muscovite Basal Plane. <i>Langmuir</i> , 2016, 32, 10473-10482.	1.6	8
21	Tetravalent Ce in the Nitrate-Decorated Hexanuclear Cluster [Ce ₆ (^{1/4} Th ₃ -O) ₄ (^{1/4} Th ₃ -OH) ₄] ¹²⁺ : A Structural End Point for Ceria Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5810-5818.	1.5	62
22	Effects of the background electrolyte on Th(IV) sorption to muscovite mica. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 165, 280-293.	1.6	11
23	Erbium(III) Coordination at the Surface of an Aqueous Electrolyte. <i>Journal of Physical Chemistry B</i> , 2015, 119, 8734-8745.	1.2	14
24	Two Dihydroxo-Bridged Plutonium(IV) Nitrate Dimers and Their Relevance to Trends in Tetravalent Ion Hydrolysis and Condensation. <i>Inorganic Chemistry</i> , 2015, 54, 10192-10196.	1.9	18
25	Solid-state syntheses and single-crystal characterizations of three tetravalent thorium and uranium silicates. <i>Journal of Solid State Chemistry</i> , 2015, 221, 405-410.	1.4	11
26	In situ studies of a platform for metastable inorganic crystal growth and materials discovery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10922-10927.	3.3	118
27	PDF analysis of ferrihydrite: Critical assessment of the under-constrained akdalaite model. <i>American Mineralogist</i> , 2014, 99, 102-108.	0.9	27
28	Unusual structure, bonding and properties in a californium borate. <i>Nature Chemistry</i> , 2014, 6, 387-392.	6.6	110
29	X-ray Studies of Interfacial Strontium Extractant Complexes in a Model Solvent Extraction System. <i>Journal of Physical Chemistry B</i> , 2014, 118, 12486-12500.	1.2	47
30	A novel nonanuclear hafnium oxide hydroxide sulphate cluster crystallised from aqueous solution. <i>Chemical Communications</i> , 2014, 50, 997-999.	2.2	25
31	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
32	Aqueous Hafnium Sulfate Chemistry: Structures of Crystalline Precipitates. <i>Inorganic Chemistry</i> , 2014, 53, 11252-11260.	1.9	34
33	Changing Hafnium Speciation in Aqueous Sulfate Solutions: A High-Energy X-ray Scattering Study. <i>Inorganic Chemistry</i> , 2014, 53, 6321-6328.	1.9	38
34	Understanding the Ligand-Directed Assembly of a Hexanuclear Th(IV) Molecular Cluster in Aqueous Solution. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4159-4163.	1.0	50
35	X-ray Reflectivity Reveals a Nonmonotonic Ion-Density Profile Perpendicular to the Surface of ErCl ₃ Aqueous Solutions. <i>Journal of Physical Chemistry C</i> , 2013, 117, 19082-19090.	1.5	25
36	Reinvestigation of Np ₂ Se ₅ : A Clear Divergence from Th ₂ S ₅ and Th ₂ Se ₅ in Chalcogen-Chalcogen and Metal-Chalcogen Interactions. <i>Inorganic Chemistry</i> , 2013, 52, 9111-9118.	1.9	13

#	ARTICLE	IF	CITATIONS
37	Surface-Mediated Formation of Pu(IV) Nanoparticles at the Muscovite-Electrolyte Interface. <i>Environmental Science & Technology</i> , 2013, 47, 14178-14184.	4.6	27
38	Solution and Solid-State Structural Chemistry of Actinide Hydrates and Their Hydrolysis and Condensation Products. <i>Chemical Reviews</i> , 2013, 113, 944-994.	23.0	310
39	Short-range and long-range order of phyllosilicate nanoparticles determined using high-energy X-ray scattering. <i>Journal of Applied Crystallography</i> , 2013, 46, 193-209.	1.9	70
40	Plutonium(IV) Cluster with a Hexanuclear [Pu ₆ (OH) ₄ O ₄] ₁₂₊ Core. <i>Inorganic Chemistry</i> , 2013, 52, 6770-6772.	1.9	74
41	Understanding the Role of Aqueous Solution Speciation and Its Application to the Directed Syntheses of Complex Oxidic Zr Chlorides and Sulfates. <i>Journal of the American Chemical Society</i> , 2013, 135, 14240-14248.	6.6	54
42	Adsorption of Plutonium Oxide Nanoparticles. <i>Langmuir</i> , 2012, 28, 2620-2627.	1.6	27
43	Three New Sodium Neptunyl(V) Selenate Hydrates: Structures, Raman Spectroscopy, and Magnetism. <i>Inorganic Chemistry</i> , 2012, 51, 3220-3230.	1.9	31
44	Oxidation State of Uranium in A ₆ Cu ₁₂ U ₂ S ₁₅ (A = K, Rb). <i>Journal of the American Chemical Society</i> , 2012, 134, 9456-9463.	1.9	28
45	Thorium(IV) Selenate Clusters Containing an Octanuclear Th(IV) Hydroxide/Oxide Core. <i>Inorganic Chemistry</i> , 2012, 51, 4239-4249.	1.9	63
46	Spectroscopic and Energetic Properties of Thorium(IV) Molecular Clusters with a Hexanuclear Core. <i>Journal of Physical Chemistry A</i> , 2012, 116, 6917-6926.	1.1	43
47	Sorption of tetravalent thorium on muscovite. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 88, 66-76.	1.6	28
48	Preparation, Stability, and Structural Characterization of Plutonium(VII) in Alkaline Aqueous Solution. <i>Inorganic Chemistry</i> , 2012, 51, 5274-5281.	1.9	31
49	Tetraalkylammonium Uranyl Isothiocyanates. <i>Inorganic Chemistry</i> , 2012, 51, 11798-11804.	1.9	36
50	Understanding Fluxes as Media for Directed Synthesis: <i>In Situ</i> Local Structure of Molten Potassium Polysulfides. <i>Journal of the American Chemical Society</i> , 2012, 134, 9456-9463.	6.6	53
51	Synthesis and Characterization of Thorium(IV) Sulfates. <i>Inorganic Chemistry</i> , 2011, 50, 8621-8629.	1.9	31
52	Cation-Cation Interactions: Crystal Structures of Neptunyl(V) Selenate Hydrates, (NpO ₂) ₂ (SeO ₄)(H ₂ O) _n (n = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100). <i>Journal of the American Chemical Society</i> , 2011, 133, 12100-12108.	1.9	31
53	Structural Correspondence between Uranyl Chloride Complexes in Solution and Their Stability Constants. <i>Journal of Physical Chemistry A</i> , 2011, 115, 4959-4967.	1.1	51
54	Syntheses, Structures, and Magnetic Properties of Np ₃ S ₅ and Np ₃ Se ₅ . <i>Inorganic Chemistry</i> , 2011, 50, 1084-1088.	1.9	14

#	ARTICLE	IF	CITATIONS
55	Two New Neptunyl(V) Selenites: A Novel Cation–Cation Interaction Framework in $(\text{NpO}_2)_3(\text{OH})(\text{SeO}_3)(\text{H}_2\text{O})_2 \cdot \text{H}_2\text{O}$ and a Uranophane-Type Sheet in $\text{Na}(\text{NpO}_2)(\text{SeO}_3)(\text{H}_2\text{O})$. <i>Inorganic Chemistry</i> , 2011, 50, 6297-6303.	1.9	30
56	X-ray fluorescence from a model liquid/liquid solvent extraction system. <i>Journal of Applied Physics</i> , 2011, 110, .	1.1	15
57	Neptunium Thiophosphate Chemistry: Intermediate Behavior between Uranium and Plutonium. <i>Inorganic Chemistry</i> , 2011, 50, 9688-9695.	1.9	9
58	Thorium(IV) Molecular Clusters with a Hexanuclear Th Core. <i>Inorganic Chemistry</i> , 2011, 50, 9696-9704.	1.9	127
59	Structural Studies Coupling X-ray Diffraction and High-Energy X-ray Scattering in the $\text{UO}_2 \cdot \text{H}_2\text{O}$ System. <i>Inorganic Chemistry</i> , 2011, 50, 10748-10754.	1.9	21
60	Syntheses and single-crystal structures of $\text{CsTh}(\text{MoO}_4)_2\text{Cl}$ and $\text{Na}_4\text{Th}(\text{WO}_4)_4$. <i>Journal of Solid State Chemistry</i> , 2011, 184, 337-342.	1.4	9
61	Separation of Plutonium Oxide Nanoparticles and Colloids. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11234-11237.	7.2	73
62	A new x-ray interface and surface scattering environmental cell design for <i>in situ</i> studies of radioactive and atmosphere-sensitive samples. <i>Review of Scientific Instruments</i> , 2011, 82, 075105.	0.6	10
63	An iron-dependent and transferrin-mediated cellular uptake pathway for plutonium. <i>Nature Chemical Biology</i> , 2011, 7, 560-565.	3.9	76
64	Neptunium Diverges Sharply from Uranium and Plutonium in Crystalline Borate Matrixes: Insights into the Complex Behavior of the Early Actinides Relevant to Nuclear Waste Storage. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1263-1266.	7.2	67
65	Single-crystal structures of uranium and neptunium oxychalcogenides AnOQ (An=U, Np; Q=S, Se). <i>Journal of Solid State Chemistry</i> , 2010, 183, 547-550.	1.4	20
66	Double photoexcitation of 2p and 4f electrons in curium. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2010, 180, 17-20.	0.8	5
67	Exploitation of the sorptive properties of mica for the preparation of higher-resolution alpha-spectroscopy samples. <i>Radiochimica Acta</i> , 2010, 98, 431-436.	0.5	11
68	Environmental Research at the Advanced Photon Source. <i>Synchrotron Radiation News</i> , 2010, 23, 20-27.	0.2	1
69	X-Ray Absorption Spectroscopy of the Actinides. , 2010, , 3086-3198.		1
70	Dichalcogenide Bonding in Seven Alkali-Metal Actinide Chalcogenides of the KTh_2Se_6 Structure Type. <i>Inorganic Chemistry</i> , 2010, 49, 8381-8388.	1.9	23
71	Interaction of muscovite (001) with Pu^{3+} bearing solutions at pH 3 through <i>ex-situ</i> observations. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 6984-6995.	1.6	15
72	Uranium(VI) Adopts a Tetraoxido Core. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4039-4042.	1.0	22

#	ARTICLE	IF	CITATIONS
73	Quaternary Neptunium Compounds: Syntheses and Characterization of KCuNpS_3 , RbCuNpS_3 , CsCuNpS_3 , KAgNpS_3 , and CsAgNpS_3 . <i>Inorganic Chemistry</i> , 2009, 48, 11513-11517.	1.9	22
74	Structures and Energetics of Erbium Chloride Complexes in Aqueous Solution. <i>Journal of Physical Chemistry A</i> , 2009, 113, 6391-6397.	1.1	46
75	Neptunium(III) copper(I) diselenide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, i14-i14.	0.2	8
76	The Structure of the Plutonium Oxide Nanocluster $[\text{Pu}_{38}\text{O}_{56}\text{Cl}_{54}(\text{H}_2\text{O})_8]^{14+}$. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 298-302.	7.2	179
77	Hydrothermal synthesis, structure, and magnetic properties of $\text{Pu}(\text{SeO}_3)_2$. <i>Journal of Solid State Chemistry</i> , 2008, 181, 493-498.	1.4	12
78	An Open-Framework Thorium Sulfate Hydrate with 11.5 Å... Voids. <i>Inorganic Chemistry</i> , 2008, 47, 9321-9326.	1.9	42
79	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
80	The relationship of monodentate and bidentate coordinated uranium(VI) sulfate in aqueous solution. <i>Radiochimica Acta</i> , 2008, 96, 607-611.	0.5	31
81	Characterizing solution and solid-phase amorphous uranyl silicates. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 140-150.	1.6	26
82	FTIR characterization of amorphous uranyl-silicates. <i>Chemical Geology</i> , 2008, 253, 136-140.	1.4	13
83	X-ray Absorption Spectroscopy of the Actinides. , 2008, , 3086-3198.		17
84	A U(V) Chalcogenide: Synthesis, Structure, and Characterization of $\text{K}_2\text{Cu}_3\text{US}_5$. <i>Inorganic Chemistry</i> , 2007, 46, 6992-6996.	1.9	36
85	Cs^+ -Selective Ion Exchange and Magnetic Ordering in a Three-Dimensional Framework Uranyl Vanadium(IV) Phosphate. <i>Chemistry of Materials</i> , 2007, 19, 132-134.	3.2	74
86	The Curium Aqua Ion. <i>Inorganic Chemistry</i> , 2007, 46, 3485-3491.	1.9	136
87	Cation-Cation Interactions and Antiferromagnetism in $\text{Na}[\text{Np}(\text{V})\text{O}_2(\text{OH})_2]$: Synthesis, Structure, and Magnetic Properties. <i>Chemistry of Materials</i> , 2007, 19, 280-285.	3.2	42
88	Structures of Dimeric Hydrolysis Products of Thorium. <i>Inorganic Chemistry</i> , 2007, 46, 2368-2372.	1.9	81
89	Synthesis, Structure, and Magnetism of Np_2O_5 . <i>Journal of the American Chemical Society</i> , 2007, 129, 2760-2761.	6.6	68
90	Structure of the Homoleptic Thorium(IV) Aqua Ion $[\text{Th}(\text{H}_2\text{O})_{10}]\text{Br}_4$. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8043-8045.	7.2	78

#	ARTICLE	IF	CITATIONS
91	Hydrothermal Synthesis and Structure of Neptunium(V) Oxide. Materials Research Society Symposia Proceedings, 2006, 985, 1.	0.1	1
92	Crystal Structures and Magnetic Properties of $\text{NaK}_3(\text{NpO}_2)_4(\text{SO}_4)_4(\text{H}_2\text{O})_2$ and $\text{NaNpO}_2\text{SO}_4\cdot\text{H}_2\text{O}$: $\hat{\text{A}}$ Cation- $\hat{\text{A}}$ Cation Interactions in a Neptunyl Sulfate Framework. Chemistry of Materials, 2006, 18, 1643-1649.	3.2	54
93	The Structure and Synthesis of Plutonium(III) Chlorides from Aqueous Solution. Inorganic Chemistry, 2006, 45, 8483-8485.	1.9	17
94	The Structures of Polynuclear Th(IV) Hydrolysis Products. Materials Research Society Symposia Proceedings, 2006, 986, 1.	0.1	3
95	Apples to Apples: A Comparison of Lanthanide $\hat{\text{I}}^2$ -Diketonate Complexes in Molecular Solvents and an Ionic Liquid. ACS Symposium Series, 2005, , 18-31.	0.5	11
96	Actinyl Peroxide Nanospheres. Angewandte Chemie - International Edition, 2005, 44, 2135-2139.	7.2	255
97	Cover Picture: Actinyl Peroxide Nanospheres (Angew. Chem. Int. Ed. 14/2005). Angewandte Chemie - International Edition, 2005, 44, 2039-2039.	7.2	3
98	Determination of actinide speciation in solution using high-energy X-ray scattering. Analytical and Bioanalytical Chemistry, 2005, 383, 48-55.	1.9	106
99	Studying Actinide Correlations in Solution using High-Energy X-ray Scattering. Materials Research Society Symposia Proceedings, 2005, 893, 1.	0.1	6
100	Similarities between the Coordination of Actinide Ions in Solution and the Structures of their Related Crystalline Phases. Materials Research Society Symposia Proceedings, 2005, 893, 1.	0.1	0
101	Relationships between the crystal chemistry and magnetic properties of Np^{5+} sulfates. Materials Research Society Symposia Proceedings, 2005, 893, 1.	0.1	0
102	Temperature dependence of the crystal structure and charge ordering in Yb_4As_3 . Physical Review B, 2005, 71, .	1.1	18
103	Presence and Persistence of Uranyl Peroxide Nanoclusters in Contact with Geological Media. Materials Research Society Symposia Proceedings, 2005, 893, 1.	0.1	0
104	Experimental study of neptunyl adsorption onto Bacillus subtilis. Geochimica Et Cosmochimica Acta, 2005, 69, 4837-4844.	1.6	26
105	Hydrothermal Synthesis, Structure, and Magnetic Properties of the Mixed-Valent Np(IV)/Np(V) Selenite $\text{Np}(\text{NpO}_2)_2(\text{SeO}_3)_3$. ChemInform, 2004, 35, no.	0.1	0
106	Structure of the $\text{UO}_2^{2+}\text{SO}_4^{2-}$ Ion Pair in Aqueous Solution.. ChemInform, 2004, 35, no.	0.1	1
107	Experimental Coordination Environment of Uranyl(VI) in Aqueous Solution.. ChemInform, 2004, 35, no.	0.1	0
108	Syntheses, Structures, Magnetic Properties, and X-Ray Absorption Spectra of Carnotite-Type Uranyl Chromium(V) Oxides: $\text{A}[(\text{UO}_2)_2\text{Cr}_2\text{O}_8] (\text{H}_2\text{O})_n$ (A: K ² , Rb ² , Cs ² , Mg; n = 0, 4).. ChemInform, 2004, 35, no.	0.1	0

#	ARTICLE	IF	CITATIONS
109	Isolation of Intermediate-Valent Ce(III)/Ce(IV) Hydrolysis Products in the Preparation of Cerium Iodates: Electronic and Structural Aspects of $Ce_2(IO_3)_6(OH)_x$ ($x \approx 0$ and 0.44). <i>ChemInform</i> , 2004, 35, no.	0.1	0
110	Energetics of the Preyssler anion's molecular orbitals: quantifying the effect of the encapsulated-cation's charge. <i>Dalton Transactions</i> , 2004, , 3562.	1.6	24
111	A unique coordination environment for an ion: EXAFS studies and bond valence model approach of the encapsulated cation in the Preyssler anion. <i>Dalton Transactions</i> , 2004, , 801.	1.6	23
112	Advanced photon source 2004 users meeting and Workshops. <i>Synchrotron Radiation News</i> , 2004, 17, 2-12.	0.2	0
113	Isolation of Intermediate-Valent Ce(III)/Ce(IV) Hydrolysis Products in the Preparation of Cerium Iodates: A Electronic and Structural Aspects of $Ce_2(IO_3)_6(OH)_x$ ($x \approx 0$ and 0.44). <i>Chemistry of Materials</i> , 2004, 16, 1343-1349.	3.2	29
114	Hydrothermal Synthesis, Structure, and Magnetic Properties of the Mixed-Valent Np(IV)/Np(V) Selenite $Np(NpO_2)_2(SeO_3)_3$. <i>Inorganic Chemistry</i> , 2004, 43, 958-963.	1.9	52
115	Experimental Coordination Environment of Uranyl(VI) in Aqueous Solution. <i>Journal of Physical Chemistry A</i> , 2004, 108, 2733-2739.	1.1	125
116	Syntheses, Structures, Magnetic Properties, and X-ray Absorption Spectra of Carnotite-type Uranyl Chromium(V) Oxides: $A[(UO_2)_2Cr_2O_8](H_2O)_n$ ($A = K_2, Rb_2, Cs_2, Mg; n = 0, 4$). <i>Chemistry of Materials</i> , 2004, 16, 1384-1390.	3.2	21
117	Structure of the $UO_2^{2+}SO_4^{2-}$ Ion Pair in Aqueous Solution. <i>Inorganic Chemistry</i> , 2004, 43, 2422-2426.	1.9	46
118	Coordination of Actinide Ions in Wells-Dawson Heteropolyoxoanion Complexes. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2663-2669.	1.0	31
119	Redox Chemistry of Actinide Ions in Wells-Dawson Heteropolyoxoanion Complexes. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2929-2936.	1.0	28
120	Frank H. Spedding award citation. <i>Journal of Solid State Chemistry</i> , 2003, 171, 444.	1.4	0
121	Mechanisms of Metal Ion Transfer into Room-Temperature Ionic Liquids: The Role of Anion Exchange. <i>Journal of the American Chemical Society</i> , 2003, 125, 15466-15473.	6.6	366
122	Am Doping in Copper-Oxide Superconducting Systems. <i>Materials Research Society Symposia Proceedings</i> , 2003, 802, 164.	0.1	0
123	Changing Np Redox Speciation in the Synchrotron Beam. <i>Materials Research Society Symposia Proceedings</i> , 2003, 802, 140.	0.1	2
124	Incorporation of Am into the superconductor-related phase Pr_2CuO_4 . <i>Physical Review B</i> , 2003, 68, .	1.1	3
125	In Situ Actinide X-ray Absorption Spectroelectrochemistry. <i>Materials Research Society Symposia Proceedings</i> , 2003, 802, 146.	0.1	0
126	Interactions of Plutonium (V) and Plutonium (VI) with Manganese Dioxide, Iron Oxide, and Sediments from the Hanford Site. <i>AIP Conference Proceedings</i> , 2003, , .	0.3	3

#	ARTICLE	IF	CITATIONS
127	Berkelium redox speciation. <i>Radiochimica Acta</i> , 2002, 90, 851-856.	0.5	56
128	Correlated Electrons in the Eu-Exchanged Preyssler Anion [EuP5W30O110]n-. <i>Journal of the American Chemical Society</i> , 2002, 124, 7290-7291.	6.6	22
129	Lattice anomalies in CeNi unstable valence compound. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s559-s561.	1.1	9
130	Charge order and crystal structure below the first-order "metal-insulator" transition in Yb4As3. <i>Physica B: Condensed Matter</i> , 2002, 318, 284-288.	1.3	5
131	Low-energy magnetic response and Yb valence in the Kondo insulator YbB12. <i>Physical Review B</i> , 2001, 63, .	1.1	24
132	The Coordination Geometry of Np(VII) in Alkaline Solution. <i>Journal of the American Chemical Society</i> , 2001, 123, 4346-4347.	6.6	67
133	Neptunium redox speciation. <i>Radiochimica Acta</i> , 2001, 89, .	0.5	130
134	Characterization of Materials: XEOL/XAFS. , 2001, , 1140-1142.		1
135	Formation of UO2(BO3)4 clusters in B2O3 glass due to charge transfer and vibronic effects. <i>Journal of Luminescence</i> , 2001, 94-95, 677-681.	1.5	7
136	Direct observation of 1-dimensional charge order below the first-order "metal-insulator" transition in Yb 4 As 3. <i>Europhysics Letters</i> , 2001, 53, 72-78.	0.7	13
137	Electronic and magnetic properties of Cm in Pb2Sr2Cm1-xCaxCu3O8 (x=0.0 and 0.5). <i>Physical Review B</i> , 2001, 64, .	1.1	8
138	The magnetic properties of Pr in the Pb2Sr2PrCu3O8+δ cuprate. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 333, 13-22.	0.6	2
139	Chapter 194 Electronic 4f state splittings in cuprates. <i>Fundamental Theories of Physics</i> , 2000, 30, 491-545.	0.1	10
140	Studies of local structure of Cm3+ in borosilicate glass using laser and x-ray spectroscopic methods and computational modeling. <i>Journal of Chemical Physics</i> , 2000, 112, 1489-1496.	1.2	17
141	Valence determination as a function of doping in PrBa2Cu3O7. <i>Physical Review B</i> , 2000, 61, 1548-1554.	1.1	23
142	Magnetic properties of Dy in Pb2Sr2DyCu3O8. <i>Journal of Alloys and Compounds</i> , 2000, 303-304, 298-302.	2.8	4
143	The formation and stability of [EuP5W30O110]12- and [AmP5W30O110]12-. <i>Journal of Alloys and Compounds</i> , 2000, 303-304, 509-513.	2.8	18
144	Structure and magnetic properties of the high-Tc related phase Cm2CuO4. <i>Physical Review B</i> , 1999, 60, 4302-4308.	1.1	23

#	ARTICLE	IF	CITATIONS
145	Experiments on transuranium compounds with X-ray resonant exchange scattering. Physica B: Condensed Matter, 1999, 262, 125-140.	1.3	17
146	Redox behavior of cerium in heteropolyoxotungstate complexes. Journal of the Chemical Society Dalton Transactions, 1999, , 3825-3830.	1.1	31
147	XANES Spectroelectrochemistry: A New Method for Determining Formal Potentials. Analytical Chemistry, 1999, 71, 4622-4628.	3.2	59
148	The Influence of Desulfovibrio Desulfuricans on Neptunium Chemistry. Materials Research Society Symposia Proceedings, 1999, 590, 27.	0.1	4
149	The Structure of Actinide Ions Exchanged into Native and Modified Zeolites and Clays. Materials Research Society Symposia Proceedings, 1999, 590, 39.	0.1	1
150	The Role of Selected f Ions in the Suppression of High-Tc Superconductivity. , 1999, , 115-135.		0
151	Synthesis and characterization of actinide-exchanged Preyssler heteropolyanions $[AnP_5W_3O_{110}]n^-$ (An=Th, Am, Cm). Journal of Alloys and Compounds, 1998, 271-273, 846-849.	2.8	18
152	Surface contamination of single-crystal PuSb. Journal of Alloys and Compounds, 1998, 271-273, 882-886.	2.8	1
153	Coordination and valence of europium in $[Eu(\text{I} \pm 2\text{-As}_2\text{W}_{17}\text{O}_{61})_2]_{17}^{+}$ and $[Eu(\text{W}_5\text{O}_{18})_2]_9^{+}$. Journal of Alloys and Compounds, 1998, 275-277, 827-830.	2.8	14
154	Effect of Surface Modification on the Interlayer Chemistry of Iron in a Smectite Clay. Chemistry of Materials, 1998, 10, 559-566.	3.2	29
155	Tetravalent Uranium in Calcite. , 1998, 281, 971-973.		184
156	Magnetic ground state of Pr in. Journal of Physics Condensed Matter, 1998, 10, 4637-4643.	0.7	3
157	Structural disorder in the $\text{Pb}_2\text{Sr}_2\text{Y}_{1-x}\text{Ca}_x\text{Cu}_3\text{O}_8$ cuprates. Physical Review B, 1998, 57, 5535-5540.	1.1	9
158	X-ray excited optical luminescence (XEOL) detection of x-ray absorption fine structure (XAFS). Journal of Chemical Physics, 1998, 109, 6745-6752.	1.2	52
159	Importance of the magnetic ground state of Pr for T c suppression in high- T c superconductors. Europhysics Letters, 1997, 39, 663-668.	0.7	12
160	Wave-vector dependence of intermultiplet transitions in $\text{EuBa}_2\text{Cu}_3\text{O}_x$ ($x=6.1$ and 7): an inelastic neutron-scattering study. Physical Review B, 1997, 55, 11629-11636.	1.1	4
161	The Speciation of Uranium in a Smectite Clay: Evidence for Catalysed Uranyl Reduction. Radiochimica Acta, 1997, 76, 113-122.	0.5	49
162	Magnetic properties of $\text{Pb}_2\text{Sr}_2\text{PrCu}_3\text{O}_8$. Journal of Alloys and Compounds, 1997, 250, 581-584.	2.8	8

#	ARTICLE	IF	CITATIONS
163	The effect of f-ion valence on superconductivity in the series $Pb_2Sr_2RCu_3O_8$ (R=Ce, Pr, Tb and Am). Journal of Alloys and Compounds, 1997, 250, 623-626.	2.8	19
164	Local environments of erbium and lutetium in sodium silicate glasses. Journal of Alloys and Compounds, 1997, 250, 536-540.	2.8	22
165	Implications of the unusual redox behavior exhibited by the heteropolyanion $[EuP_5W_3O_{110}]_{12}^{6-}$. Journal of Alloys and Compounds, 1997, 250, 541-543.	2.8	28
166	Hydrolysis of uranium and thorium in surface-modified bentonite under hydrothermal conditions. Journal of Alloys and Compounds, 1997, 249, 142-145.	2.8	12
167	EXAFS studies of cesium complexation by dibenzo-crown ethers in tri-n-butyl phosphate. Inorganica Chimica Acta, 1997, 255, 13-20.	1.2	24
168	Title is missing!. Journal of Applied Electrochemistry, 1997, 27, 784-792.	1.5	61
169	Quasi two-dimensional magnetic order of Tb^{3+} spins in $Pb_2Sr_2Tb_{1-x}Ca_xCu_3O_8$ ($x = 0$ and 0.5). Zeitschrift für Physik B-Condensed Matter, 1997, 104, 37-43.	1.1	10
170	Oxidation State of the Unusual Rare Earth (R= Ce, Pr and Tb) in Double-Layer High-T _c Superconductors. European Physical Journal Special Topics, 1997, 7, C2-1077-C2-1079.	0.2	4
171	Nanoscale Encapsulation : The Structure of Cations in Hydrophobic Microporous Aluminosilicates. European Physical Journal Special Topics, 1997, 7, C2-803-C2-807.	0.2	4
172	The Effects of Surface Modification on the Speciation of Metal Ions Intercalated into Aluminosilicates. Materials Research Society Symposia Proceedings, 1996, 465, 473.	0.1	2
173	Comparison of the Cation Valence and Coordination in Ce_2UO_6 and Ce_2MoO_6 . Chemistry of Materials, 1996, 8, 2673-2680.	3.2	30
174	The synthesis and characterization of the superconductor-related compound $Pb_2Sr_2AmCu_3O_8$. Zeitschrift für Physik B-Condensed Matter, 1996, 101, 539-545.	1.1	28
175	Redox behavior of europium in the preyssler heteropolyanion $[EuP_5W_3O_{110}]_{12}^{6-}$. Journal of Cluster Science, 1996, 7, 585-591.	1.7	22
176	Oxidation state of Ce in $Pb_2Sr_2Ce_{1-x}Ca_xCu_3O_8$. Physical Review B, 1996, 53, 920-926.	1.1	39
177	Tb spin correlations in $Pb_2Sr_2Tb_{0.5}Ca_{0.5}Cu_3O_8$. Europhysics Letters, 1996, 34, 447-452.	0.7	10
178	The magnetic properties of R in $Pb_2Sr_2(R/Ca)Cu_3O_8$ (R = Ho and Er). Physica C: Superconductivity and Its Applications, 1995, 246, 11-21.	0.6	12
179	Quadrupolar effects in the temperature dependence of the lattice parameters of $HoP_{1-x}V_xO_4$. Physical Review B, 1995, 51, 5644-5648.	1.1	25
180	Oxidation state and magnetic properties of $Pb_2Sr_2Tb_{1-x}Y_xCu_3O_8$. Physical Review B, 1995, 52, 9736-9745.	1.1	21

#	ARTICLE	IF	CITATIONS
181	Crystal Field-Split Intermultiplet Transitions and Their Q-Dependence in EuBa ₂ Cu ₃ O ₇ . Europhysics Letters, 1995, 31, 175-180.	0.7	6
182	Coordination and Valence of Europium in the Heteropolyanion [EuP ₅ W ₃ O ₁₁] ¹²⁻ . The Journal of Physical Chemistry, 1995, 99, 9611-9616.	2.9	28
183	Intermultiplet transitions in optically opaque EuBa ₂ Cu ₃ O ₇ : an inelastic neutron scattering study. Journal of Alloys and Compounds, 1995, 225, 591-594.	2.8	6
184	Anomalous temperature dependence of the lattice parameters in HoPO ₄ and HoVO ₄ : rare earth quadrupolar effects. Journal of Alloys and Compounds, 1995, 225, 595-598.	2.8	21
185	Polymorphs of Ln ₂ MoO ₆ : A Neutron Diffraction Investigation of the Crystal Structures of La ₂ MoO ₆ and Tb ₂ MoO ₆ . Chemistry of Materials, 1995, 7, 333-340.	3.2	94
186	Crystal-field excitations and magnetic properties of Ho ₃₊ in HoVO ₄ . Physical Review B, 1995, 51, 12451-12457.	1.1	21
187	Temperature variation of the structural parameters in actinide tetrafluorides. Journal of Chemical Physics, 1994, 101, 9333-9337.	1.2	29
188	Neutron inelastic scattering studies of UF ₄ and NpF ₄ . Journal of Chemical Physics, 1994, 101, 9338-9343.	1.2	7
189	Tb oxidation state and hybridization in Y _{0.9} Tb _{0.1} Ba ₂ Cu ₃ O _{7-δ} (δ =0.02, 0.84): A magnetic-susceptibility and x-ray-absorption study. Physical Review B, 1994, 50, 7085-7091.	1.1	31
190	Rare earth energy levels and magnetic properties of DyPo ₄ . Journal of Alloys and Compounds, 1994, 207-208, 165-169.	2.8	15
191	The oxidation state of cerium in Ce ₂ MoO ₆ . Journal of Alloys and Compounds, 1994, 207-208, 444-448.	2.8	12
192	The electronic properties of Ce in CeFe ₄ P ₁₂ . Journal of Alloys and Compounds, 1994, 207-208, 161-164.	2.8	27
193	Rare earth crystal field spectroscopy by neutron magnetic scattering: from xenotime to high T _c superconductors. Journal of Alloys and Compounds, 1994, 207-208, 153-160.	2.8	11
194	Cerium Valence in Cerium-Exchanged Preyssler's Heteropolyanion through X-ray Absorption Near-Edge Structure. Inorganic Chemistry, 1994, 33, 5988-5993.	1.9	59
195	Synthesis and Properties of Lanthanide-Exchanged Preyssler's Heteropolyanions. Materials Research Society Symposia Proceedings, 1994, 368, 223.	0.1	7
196	The Oxidation State and Magnetic Behaviour of Tb in High-T _c Related Materials. Materials Research Society Symposia Proceedings, 1994, 376, 529.	0.1	0
197	Observations of Cef-Split Intermultiplet Transitions in Optically Opaque EuBa ₂ Cu ₃ O ₇ Using Inelastic Neutron Scattering. Materials Research Society Symposia Proceedings, 1994, 376, 535.	0.1	0
198	Crystal field excitations and magnetic properties of TmPO ₄ . Journal of Chemical Physics, 1993, 98, 4214-4222.	1.2	33

#	ARTICLE	IF	CITATIONS
199	Pr and Cm in superconductor-related oxides. Journal of Alloys and Compounds, 1993, 193, 125-128.	2.8	5
200	Superconductivity and rare-earth paramagnetism in Pr _{1.85} Ce _{0.15} CuO ₄ . Journal of Alloys and Compounds, 1993, 193, 142-144.	2.8	3
201	Preparation, chemical reactions, and some physical properties of neptunium pentafluoride. Journal of Alloys and Compounds, 1993, 194, 133-137.	2.8	17
202	Neutron study of crystal field transitions in ErPO ₄ . Journal of Applied Physics, 1993, 73, 6069-6071.	1.1	11
203	Rare-earth energy levels and magnetic properties of HoPO ₄ and ErPO ₄ . Journal of Physics Condensed Matter, 1993, 5, 5121-5140.	0.7	29
204	Electronic transitions of Ho in Pb ₂ Sr ₂ HoCu ₃ O ₈ observed by inelastic neutron scattering. Journal of Applied Physics, 1993, 73, 6314-6316.	1.1	6
205	Rare-earth energy levels in Nd ₂ CuO ₄ , Pr ₂ CuO ₄ , and the electron superconductor Pr _{1.85} Ce _{0.15} CuO ₄ . Physical Review B, 1993, 48, 14001-14004.	1.1	34
206	Ground-state wave functions of Tb ³⁺ ions in paramagnetic TbPO ₄ : A neutron scattering study. Physical Review B, 1993, 48, 6124-6131.	1.1	27
207	Inelastic-neutron-scattering study of the Er ³⁺ energy levels in ErBa ₂ Cu ₃ O ₇ . Physical Review B, 1992, 45, 10062-10070.	1.1	37
208	An EXAFS study of the metallofullerene YC ₈₂ : is the yttrium inside the cage?. The Journal of Physical Chemistry, 1992, 96, 7153-7156.	2.9	55
209	Crystal field excitations in RE ₂ CuO ₄ (RE = ¹ / ₄ Pr, Nd). Journal of Alloys and Compounds, 1992, 181, 241-247.	2.8	25
210	Curium (Z = 96) as a probe for studying high T _c superconductivity. Journal of Alloys and Compounds, 1992, 181, 13-22.	2.8	18
211	A crystal field analysis of the energy level splittings for erbium in ErBa ₂ Cu ₃ O ₇ . Journal of Alloys and Compounds, 1992, 181, 225-231.	2.8	7
212	Crystal field properties of f-electron states in RBa ₂ Cu ₃ O ₇ for R=Ho, Nd and Pr. Journal of Physics Condensed Matter, 1991, 3, 49-67.	0.7	83
213	The superconductor-related oxides Cm ₂ CuO ₄ and Cm _{1.83} Th _{0.17} CuO ₄ . Physica C: Superconductivity and Its Applications, 1991, 179, 440-446.	0.6	29
214	Crystal-field splittings and magnetic properties of Pr ³⁺ and Nd ³⁺ in RBa ₂ Cu ₃ O ₇ . Physical Review B, 1991, 43, 7923-7935.	1.1	173
215	f-electron localization/delocalization phenomena in PrBa ₂ Cu ₃ O ₇ and CmBa ₂ Cu ₃ O ₇ . Physica B: Condensed Matter, 1990, 163, 655-658.	1.3	21
216	Molecular-orbital cluster calculations on MBa ₂ Cu ₃ O ₇ for M = Y, Pr, Nd, Ho and Cm. Physica C: Superconductivity and Its Applications, 1990, 171, 528-536.	0.6	25

#	ARTICLE	IF	CITATIONS
217	Crystal field excitations and superconductivity in $\text{Nd}_{1+x}\text{Ba}_{2-x}\text{Cu}_3\text{O}_7$. Journal of Applied Physics, 1990, 67, 4536-4538.	1.1	5
218	Theoretical calculations of x-ray-absorption spectra of copper in La_2CuO_4 and related oxide compounds. Physical Review B, 1990, 41, 82-95.	1.1	44
219	Electron localization/delocalization phenomena in $\text{PrBa}_2\text{Cu}_3\text{O}_7$ and related compounds. Journal of Applied Physics, 1990, 67, 5067-5069.	1.1	8
220	Plutonium(IV) polymers in aqueous and organic media. Inorganic Chemistry, 1990, 29, 1902-1907.	1.9	43
221	Multiple-scattering approach to the M-edge x-ray-absorption spectra of UO_2 and UCl_4 . Physical Review B, 1989, 39, 6125-6139.	1.1	27
222	Charge distributions and valency in copper oxide crystals related to superconductivity. Journal of Chemical Physics, 1989, 91, 2983-2992.	1.2	48
223	A new approach to determining the charge distribution in copper compounds. Journal of Physics Condensed Matter, 1989, 1, 6463-6468.	0.7	18
224	The synthesis and characterization of $\text{CmBa}_2\text{Cu}_3\text{O}_7$. Physica C: Superconductivity and Its Applications, 1989, 161, 252-256.	0.6	45
225	The oxidation state of Pr in $\text{PrBa}_2\text{Cu}_3\text{O}_7$. Journal of Solid State Chemistry, 1989, 81, 121-128.	1.4	90
226	Synthesis of the new organic metal bis[bis(ethylenedithio)tetrathiafulvalene] tricyanomethanide and characterization of its metal-insulator phase transition at approx. 180 K. Inorganic Chemistry, 1989, 28, 150-154.	1.9	29
227	Use of x-ray absorption spectroscopy in electronic structure studies of high- T_c superconducting oxides. Journal of the Optical Society of America B: Optical Physics, 1989, 6, 483.	0.9	9
228	The absence of cation disordering in $\text{YBa}_2\text{Cu}_3\text{O}_x$. Journal of the Less Common Metals, 1989, 153, 201-206.	0.9	1
229	The relationship between the Cu—O bond length and T_c in the superconducting series $\text{La}_{1.85-x}\text{Sr}_x\text{O}_{7-x}$. Journal of the Less Common Metals, 1989, 153, 207-210.	0.9	5
230	The Use of Curium as a Rare Earth Substitute in High T_c Related Compounds. Materials Research Society Symposia Proceedings, 1989, 169, 73.	0.1	0
231	The magnetic susceptibility of Pr^{4+} in BaPrO_3 : Evidence of long-range magnetic order. Journal of Solid State Chemistry, 1988, 76, 178-185.	1.4	40
232	Valence determination in high T_c oxide superconductors by XANES and Mössbauer spectroscopy. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1988, 150, 74-79.	0.9	19
233	Preparation of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_x$ superconductors from oxide glass precursors. Applied Physics Letters, 1988, 53, 423-425.	1.5	118
234	Raman scattering from high- T_c superconductors. Physical Review B, 1988, 37, 5142-5147.	1.1	70

#	ARTICLE	IF	CITATIONS
235	Magnetic ordering and crystal field effects in REBa ₂ Cu ₃ O _{7-x} (RE=Gd, Dy, Ho, Er) (abstract). Journal of Applied Physics, 1988, 63, 4202-4202.	1.1	3
236	Superconducting phase of La ₂ CuO ₄ +δ: A superconducting composition resulting from phase separation. Physical Review B, 1988, 38, 11337-11345.	1.1	575
237	Is the isotope effect absent in YBa ₂ Cu ₃ O _{7-x} ? Physical Review Letters, 1988, 60, 752-752.	2.9	16
238	Polarized X-Ray Absorption Studies of Oxide Superconductors. Materials Research Society Symposia Proceedings, 1988, 143, 97.	0.1	7
239	Incommensurate ordering in Ca-Sr-Bi-Cu oxide superconductors. Proceedings Annual Meeting Electron Microscopy Society of America, 1988, 46, 872-873.	0.0	0
240	Magnetic isolation of Gd in superconducting GdBa ₂ Cu ₃ O _{7-x} . Physical Review B, 1987, 36, 8910-8913.	1.1	38
241	Structure of the single-phase high-temperature superconductor YBa ₂ Cu ₃ O _{7-x} . Applied Physics Letters, 1987, 51, 57-59.	1.5	660
242	Phase diagram and superconductivity in the Y-Ba-Cu-O system. Applied Physics Letters, 1987, 50, 1688-1690.	1.5	148
243	Determination of valence of Cu in superconducting La _{2-x} (Sr,Ba) _x CuO ₄ . Physical Review B, 1987, 35, 7199-7202.	1.1	135
244	Effect of magnetic impurities on high-temperature superconductivity in La _{1.85} Sr _{0.15} CuO ₄ . Physical Review B, 1987, 36, 5258-5262.	1.1	11
245	X-Ray Absorption Studies of La _{2-x} Sr _x CuO ₄ and Y _{1-x} Pr _x Ba ₂ Cu ₃ O _{7-x} . Materials Research Society Symposia Proceedings, 1987, 99, 177.	0.1	11
246	Neutron Diffraction Studies of High T _c Superconductors. Materials Research Society Symposia Proceedings, 1987, 99, 9.	0.1	15
247	Incorporation of Pr in YBa ₂ Cu ₃ O _{7-x} : electronic effects on superconductivity. Nature, 1987, 328, 604-605.	13.7	510
248	The synthesis and characterization of Dy doped into the perovskite BaCeO ₃ . Journal of the Less Common Metals, 1987, 127, 131-135.	0.9	7
249	The magnetic behavior of Sf ₆ ions Am ³⁺ and Cm ⁴⁺ . Journal of the Less Common Metals, 1987, 133, 77-85.	0.9	19
250	Oxygen ordering and the orthorhombic-to-tetragonal phase transition in YBa ₂ Cu ₃ O _{7-x} . Physical Review B, 1987, 36, 3608-3616.	1.1	1,123
251	La _{2-x} Sr _x CuO ₄ and YBa ₂ Cu ₃ O _{6.5} : New high T _c superconducting oxides. Inorganica Chimica Acta, 1987, 140, 167-168.	1.2	12
252	Structural phase transition in YBa ₂ Cu ₃ O _{7-x} : the role of dimensionality for high temperature superconductivity. Solid State Communications, 1987, 63, 385-388.	0.9	220

#	ARTICLE	IF	CITATIONS
253	Electronic and magnetic properties of rare-earth ions in REBa ₂ Cu ₃ O _{7-x} (RE=Dy, Ho, Er). Journal of Magnetism and Magnetic Materials, 1987, 68, L139-L144.	1.0	137
254	Structure and crystal chemistry of the high-T _c superconductor YBa ₂ Cu ₃ O _{7-δ} . Nature, 1987, 327, 310-312.	13.7	385
255	Copper Oxidation States, Vacancy Ordering and Their Effect on High Temperature Superconductivity. , 1987, , 647-652.		5
256	Superconductivity in La _{1.85-x} Nd _x Sr _{1.5} CuO ₄ . Japanese Journal of Applied Physics, 1987, 26, 1087.	0.8	2
257	The magnetic behavior of trivalent americium compounds. Journal of Magnetism and Magnetic Materials, 1986, 54-57, 597-598.	1.0	23
258	The preparation, characterization and physical properties of SbCl ₅ -doped polyacetylene. Synthetic Metals, 1985, 10, 261-272.	2.1	6
259	¹²¹ Sb Mössbauer spectroscopy in stage 2-SbCl ₅ intercalated graphite. Solid State Communications, 1984, 49, 223-227.	0.9	16
260	Electronic and structural properties of Sb in stage 1 SbF ₅ -graphite from ¹²¹ Sb Mössbauer spectrometry. Synthetic Metals, 1983, 8, 99-108.	2.1	14