

# Corwin H Booth

## List of Publications by Year in descending order

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178  
papers

5,759  
citations

61984

43  
h-index

95266

68  
g-index

184  
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184  
docs citations

184  
times ranked

4850  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic structure studies reveal 4f/5d mixing and its effect on bonding characteristics in Ce-imido and -oxo complexes. <i>Chemical Science</i> , 2022, 13, 1759-1773.	7.4	12
2	<i>In situ</i> beam reduction of Pu(IV) and Bk(IV) as a route to trivalent transuranic coordination complexes with hydroxypyridinone chelators. <i>Journal of Synchrotron Radiation</i> , 2022, 29, 315-322.	2.4	1
3	Evaluation of <sup>134</sup> Ce as a PET imaging surrogate for antibody drug conjugates incorporating <sup>225</sup> Ac. <i>Nuclear Medicine and Biology</i> , 2022, 110-111, 28-36.	0.6	7
4	A hydrolytically stable Ce(IV) complex of glutarimide-dioxime. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 934-939.	6.0	4
5	Experimental evaluation of the stabilization of the COT orbitals by 4f orbitals in COT <sub>2</sub> Ce using a Hubbard model. <i>Dalton Transactions</i> , 2021, 50, 2530-2535.	3.3	4
6	Cerium(IV) complexes with guanidinate ligands: intense colors and anomalous electronic structures. <i>Chemical Science</i> , 2021, 12, 3558-3567.	7.4	10
7	Structural and spectroscopic characterization of an einsteinium complex. <i>Nature</i> , 2021, 590, 85-88.	27.8	25
8	Combining the Best of Two Chelating Titans: A Hydroxypyridinone-Decorated Macrocyclic Ligand for Efficient and Concomitant Complexation and Sensitized Luminescence of f-Elements. <i>ChemPlusChem</i> , 2021, 86, 483-491.	2.8	8
9	Probing Multiconfigurational States by Spectroscopy: The Cerium XAS L <sub>3</sub> Edge Puzzle. <i>Chemistry - A European Journal</i> , 2021, 27, 7239-7251.	3.3	19
10	Probing Multiconfigurational States by Spectroscopy: The Cerium XAS L <sub>3</sub> Edge Puzzle. <i>Chemistry - A European Journal</i> , 2021, 27, 7188-7188.	3.3	2
11	Complexation of Lanthanides and Heavy Actinides with Aqueous Sulfur-Donating Ligands. <i>Inorganic Chemistry</i> , 2021, 60, 6125-6134.	4.0	15
12	Controlling the Reduction of Chelated Uranyl to Stable Tetravalent Uranium Coordination Complexes in Aqueous Solution. <i>Inorganic Chemistry</i> , 2021, 60, 973-981.	4.0	11
13	Plutonium Co-precipitation with Calcite. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 3362-3374.	2.7	5
14	Dicerium letterbox-shaped tetraphenolates: f-block complexes designed for two-electron chemistry. <i>Dalton Transactions</i> , 2020, 49, 877-884.	3.3	7
15	Spontaneous Chelation-Driven Reduction of the Neptunyl Cation in Aqueous Solution. <i>Chemistry - A European Journal</i> , 2020, 26, 2354-2359.	3.3	11
16	Transformation of Ferrihydrite to Goethite and the Fate of Plutonium. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 1993-2006.	2.7	12
17	Structure and magnetism of a tetrahedral uranium( <sup>III</sup> ) $\eta^2$ -diketiminato complex. <i>Dalton Transactions</i> , 2020, 49, 7938-7944.	3.3	9
18	The duality of electron localization and covalency in lanthanide and actinide metallocenes. <i>Chemical Science</i> , 2020, 11, 2796-2809.	7.4	48

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19	Structural properties of ultra-small thorium and uranium dioxide nanoparticles embedded in a covalent organic framework. <i>Chemical Science</i> , 2020, 11, 4648-4668.	7.4	22
20	Intermediate Yb valence in the Zintl phases $\text{Yb}_{1-x}\text{Mn}_x$ : XANES, magnetism, and heat capacity. <i>Physical Review Materials</i> , 2020, 4, .	2.4	12
21	$\text{NpSe}_2$ : a Binary Chalcogenide Containing Modulated Selenide Chains and Ambiguous Valent Metal. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16130-16133.	13.8	4
22	$\text{NpSe}_2$ : a Binary Chalcogenide Containing Modulated Selenide Chains and Ambiguous Valent Metal. <i>Angewandte Chemie</i> , 2019, 131, 16276-16279.	2.0	2
23	Understanding the Multiconfigurational Ground and Excited States in Lanthanide Tetrakis Bipyridine Complexes from Experimental and CASSCF Computational Studies. <i>Inorganic Chemistry</i> , 2019, 58, 12083-12098.	4.0	18
24	Spectroscopic and Computational Characterization of Diethylenetriaminepentaacetic Acid/Transplutonium Chelates: Evidencing Heterogeneity in the Heavy Actinide(III) Series. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4521-4526.	13.8	33
25	Spectroscopic and Computational Characterization of Diethylenetriaminepentaacetic Acid/Transplutonium Chelates: Evidencing Heterogeneity in the Heavy Actinide(III) Series. <i>Angewandte Chemie</i> , 2018, 130, 4611-4616.	2.0	2
26	Bond Covalency and Oxidation State of Actinide Ions Complexed with Therapeutic Chelating Agent 3,4,3-LI(1,2-HOPO). <i>Inorganic Chemistry</i> , 2018, 57, 5352-5363.	4.0	88
27	Dual roles of f electrons in mixing Al 3p character into d-orbital conduction bands for lanthanide and actinide dialuminides. <i>Physical Review B</i> , 2018, 97, .	3.2	4
28	Isolation of a TMTAA-Based Radical in Uranium bis-TMTAA Complexes. <i>Angewandte Chemie</i> , 2018, 130, 16368-16372.	2.0	2
29	Isolation of a TMTAA-Based Radical in Uranium bis-TMTAA Complexes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16136-16140.	13.8	4
30	Solution Thermodynamics and Kinetics of Metal Complexation with a Hydroxypyridinone Chelator Designed for Thorium-227 Targeted Alpha Therapy. <i>Inorganic Chemistry</i> , 2018, 57, 14337-14346.	4.0	38
31	Cerium Tetrakis(tropolonate) and Cerium Tetrakis(acetylacetonate) Are Not Diamagnetic but Temperature-Independent Paramagnets. <i>Inorganic Chemistry</i> , 2018, 57, 7290-7298.	4.0	35
32	Surface degradation of uranium tetrafluoride. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2017, 35, .	2.1	11
33	Chemical and Morphological Inhomogeneity of Aluminum Metal and Oxides from Soft X-ray Spectromicroscopy. <i>Inorganic Chemistry</i> , 2017, 56, 5710-5719.	4.0	12
34	Benzoquinonoid-bridged dinuclear actinide complexes. <i>Dalton Transactions</i> , 2017, 46, 11615-11625.	3.3	18
35	Quantitative Evidence for Lanthanide-Oxygen Orbital Mixing in $\text{CeO}_2$ , $\text{PrO}_2$ , and $\text{TbO}_2$ . <i>Journal of the American Chemical Society</i> , 2017, 139, 18052-18064.	13.7	75
36	Isochronal annealing effects on local structure, crystalline fraction, and undamaged region size of radiation damage in Ga-stabilized $\text{Pu}$ . <i>Journal of Applied Physics</i> , 2016, 120, .	2.5	14

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37	Chemical speciation of U, Fe, and Pu in melt glass from nuclear weapons testing. Journal of Applied Physics, 2016, 119, 195102.	2.5	10
38	High pressure effects on U L <sub>3</sub> -x-ray absorption in partial fluorescence yield mode and single crystal x-ray diffraction in the heavy fermion compound UCd <sub>11</sub> . Journal of Physics Condensed Matter, 2016, 28, 105601.	1.8	9
39	Configurations in U <sub>5</sub> URu <sub>2</sub> U <sub>25</sub>	3.2	25
40	Pressure-Resistant Intermediate Valence in the Kondo Insulator SmB <sub>6</sub> . Physical Review Letters, 2016, 116, 156401.	7.8	30
41	A Macrocyclic Chelator That Selectively Binds Ln <sup>4+</sup> over Ln <sup>3+</sup> by a Factor of 10 <sup>29</sup> . Inorganic Chemistry, 2016, 55, 9989-10002.	4.0	29
42	On the valence fluctuation in the early actinide metals. Journal of Electron Spectroscopy and Related Phenomena, 2016, 207, 14-18.	1.7	12
43	Covalency in oxidized uranium. Physical Review B, 2015, 92, .	3.2	21
44	Oxidation and crystal field effects in uranium. Physical Review B, 2015, 92, .	3.2	43
45	EXAFS investigation of UF <sub>4</sub> . Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2015, 33, .	2.1	12
46	Controlled Redox Chemistry at Cerium within a Tripodal Nitroxide Ligand Framework. Chemistry - A European Journal, 2015, 21, 17850-17859.	3.3	50
47	The effects of Co <sub>3</sub> O <sub>4</sub> on the structure and unusual magnetism of LaCoO <sub>3</sub> . Journal of Physics Condensed Matter, 2015, 27, 126001.	1.8	9
48	A Ligand Field Series for the 4f-Block from Experimental and DFT Computed Ce(IV/III) Electrochemical Potentials. Inorganic Chemistry, 2015, 54, 2830-2837.	4.0	39
49	The unusual magnetism of nanoparticle LaCoO <sub>3</sub> . Journal of Physics Condensed Matter, 2015, 27, 176003.	1.8	13
50	Carbon-Hydrogen Bond Breaking and Making in the Open-Shell Singlet Molecule Cp* <sub>2</sub> Yb(4,7-Me <sub>2</sub> phen). Organometallics, 2014, 33, 6819-6829.	2.3	23
51	Q-dependence of the spin fluctuations in the intermediate valence compound CePd <sub>3</sub> . Journal of Physics Condensed Matter, 2014, 26, 225602.	1.8	16
52	Reversible Sigma C-C Bond Formation Between Phenanthroline Ligands Activated by (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> Yb. Journal of the American Chemical Society, 2014, 136, 8626-8641.	13.7	75
53	Delocalization and occupancy effects of 5f orbitals in plutonium intermetallics using L3-edge resonant X-ray emission spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2014, 194, 57-65.	1.7	37
54	From Yellow to Black: Dramatic Changes between Cerium(IV) and Plutonium(IV) Molybdates. Journal of the American Chemical Society, 2013, 135, 2769-2775.	13.7	32

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55	Magnetism and phase transitions in $\text{LaCoO}_3$ . Journal of Physics Condensed Matter, 2013, 25, 382203.	1.8	31
56	Influence of the Torsion Angle in 3,3'-Dimethyl-2,2'-bipyridine on the Intermediate Valence of Yb in $(\text{C}_5\text{Me}_5)_2\text{Yb}(\text{3,3'-Me}_2\text{-bipy})$ . Organometallics, 2013, 32, 5305-5312.	2.3	43
57	Thermal Dihydrogen Elimination from $\text{Cp}^*_2\text{Yb}(\text{4,5-diazafluorene})$ . Organometallics, 2013, 32, 1150-1158.	2.3	42
58	Homoleptic Cerium(III) and Cerium(IV) Nitroxide Complexes: Significant Stabilization of the 4+ Oxidation State. Inorganic Chemistry, 2013, 52, 11600-11607.	4.0	75
59	Tuning Reactivity and Electronic Properties through Ligand Reorganization within a Cerium Heterobimetallic Framework. Journal of the American Chemical Society, 2013, 135, 19016-19024.	13.7	68
60	Self-irradiation damage to the local structure of plutonium and plutonium intermetallics. Journal of Applied Physics, 2013, 113, .	2.5	20
61	Dimeric Rare-Earth BINOLate Complexes: Activation of 1,4-Benzoquinone through Lewis Acid Promoted Potential Shifts. Chemistry - A European Journal, 2013, 19, 5996-6004.	3.3	36
62	$\text{PuPt}_2\text{In}_7$ : A computational and experimental investigation. Physical Review B, 2012, 86, .	3.2	4
63	Multiconfigurational nature of 5f orbitals in uranium and plutonium intermetallics. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10205-10209.	7.1	94
64	Application of the Hubbard Model to $\text{Cp}^*_2\text{Yb}(\text{bipy})$ , a Model System for Strong Exchange Coupling in Lanthanide Systems. Inorganic Chemistry, 2012, 51, 10105-10110.	4.0	44
65	Interstitial Incorporation of Plutonium into a Low-Dimensional Potassium Borate. Environmental Science & Technology, 2011, 45, 9457-9463.	10.0	6
66	Syntheses, Structure, Magnetism, and Optical Properties of the Ordered Interlanthanide Copper Chalcogenides $\text{Ln}_2\text{YbCuQ}_5$ (Ln = La, Ce, Pr, Nd, Sm; Q = S, Se): Evidence for Unusual Magnetic Ordering in $\text{Sm}_2\text{YbCuS}_5$ . Chemistry of Materials, 2011, 23, 1306-1314.	6.7	25
67	Magnetic frustration effects in uranium intermetallics. Journal of Physics: Conference Series, 2011, 273, 012036.	0.4	3
68	Pair-distribution function analysis of the structural valence transition in $\text{Cp}^*_2\text{Yb}(\text{4,4'-Me}_2\text{-bipy})$ . Journal of Physics: Conference Series, 2011, 273, 012149.	0.4	0
69	Synthesis, structure and physical properties of $\text{YbNi}_3\text{Al}_{9.23}$ . Journal of Physics Condensed Matter, 2011, 23, 086002.	1.8	14
70	Order and disorder in the local and long-range structure of the spin-glass pyrochlore, $\text{Tb}_2\text{Mo}_2\text{O}_7$ . Journal of Physics Condensed Matter, 2011, 23, 164214.	1.8	4
71	Crystal fields, disorder, and antiferromagnetic short-range order in $\text{YbSn}_2$ . Physical Review B, 2011, 83, 041101.	3.2	8
72	Electronic structure and orbital occupancy in Yb-substituted $\text{CeCoIn}_5$ . Physical Review B, 2011, 83, .	3.2	29

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73	A moving target: Responding to magnetic and structural disorder in lanthanide- and actinide-based superconductors. IOP Conference Series: Materials Science and Engineering, 2010, 9, 012087.	0.6	0

74	Molecular interactions of plutonium(VI) with synthetic manganese-substituted goethite. Radiochimica Acta, 2010, 98, 655-663.	1.2	25
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Electronic structure of  $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$

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91	Syntheses, Structures, Magnetism, and Optical Properties of Lutetium-Based Interlanthanide Selenides. <i>Inorganic Chemistry</i> , 2007, 46, 9213-9220.	4.0	12
92	Syntheses, Structure, Magnetism, and Optical Properties of the Ordered Mixed-Lanthanide Sulfides $\beta$ -LnLn $\epsilon$ S <sub>3</sub> (Ln = La, Ce; Ln $\epsilon$ = Er, Tm, Yb). <i>Chemistry of Materials</i> , 2007, 19, 567-574.	6.7	18
93	Length scale effects on the electronic transport properties of nanometric Cu/Nb multilayers. <i>Thin Solid Films</i> , 2007, 515, 3574-3579.	1.8	27
94	Syntheses, structure, magnetism, and optical properties of the interlanthanide sulfides $\hat{\Gamma}$ -Ln <sub>2</sub> $\hat{\Gamma}$ xLuxS <sub>3</sub> (Ln=Ce, Pr, Nd). <i>Journal of Solid State Chemistry</i> , 2007, 180, 2129-2135.	2.9	5
95	Syntheses, structure, magnetism, and optical properties of the partially ordered quaternary interlanthanide sulfides PrLnYb <sub>2</sub> S <sub>6</sub> (Ln=Tb, Dy). <i>Journal of Solid State Chemistry</i> , 2007, 180, 2581-2586.	2.9	6
96	Remarkable Strontium B-Site Occupancy in Ferroelectric Pb(Zr <sub>1</sub> $\hat{\Gamma}$ xTi <sub>x</sub> )O <sub>3</sub> Solid Solutions Doped With Cryolite-Type Strontium Niobate. <i>Journal of the American Ceramic Society</i> , 2007, 90, 071019062949003-???	3.8	2
97	Bis(permethylpentalene)cerium ? another ambiguity in lanthanide oxidation state. <i>Chemical Communications</i> , 2007, , 1515.	4.1	51
98	Disorder effects on Kondo behavior in CePt <sub>2+x</sub> . <i>Physica B: Condensed Matter</i> , 2006, 378-380, 778-779.	2.7	3
99	Lattice Disorder and Size-Induced Kondo Behavior in CeAl <sub>2</sub> and CePt <sub>2+x</sub> . <i>Physical Review Letters</i> , 2006, 97, 097204.	7.8	21
100	Dynamics of diluted Ho spin ice Ho <sub>2</sub> $\hat{\Gamma}$ xYxTi <sub>2</sub> O <sub>7</sub> studied by neutron spin echo spectroscopy and ac susceptibility. <i>Physical Review B</i> , 2006, 73, .	3.2	41
101	Local structure around Sn in. <i>Physica B: Condensed Matter</i> , 2005, 359-361, 401-403.	2.7	2
102	Antiferromagnetism in Pr <sub>3</sub> In. <i>Physical Review B</i> , 2005, 72, .	3.2	9
103	Anisotropic intermediate valence in Yb <sub>2</sub> M <sub>3</sub> Ga <sub>9</sub> (M=Rh, Ir). <i>Physical Review B</i> , 2005, 72, .	3.2	4
104	Perturbing the Superconducting Planes in CeCoIn <sub>5</sub> by Sn Substitution. <i>Physical Review Letters</i> , 2005, 95, 016406.	7.8	43
105	Local structure and vibrational properties of $\hat{\Gamma}$ -Pu, $\hat{\Gamma}$ -U, and the $\hat{\Gamma}$ -U charge-density wave. <i>Physical Review B</i> , 2005, 71, .	3.2	15
106	X-ray absorption studies of the local structure and f-level occupancy in CeIr <sub>1</sub> $\hat{\Gamma}$ xRh <sub>x</sub> In <sub>5</sub> . <i>Physical Review B</i> , 2005, 71, .	3.2	9
107	An EXAFS investigation of rare-earth local environment in ultraphosphate glasses. <i>Journal of Non-Crystalline Solids</i> , 2005, 351, 795-801.	3.1	17
108	Self-Contained Kondo Effect in Single Molecules. <i>Physical Review Letters</i> , 2005, 95, 267202.	7.8	118

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109	X-ray absorption fine structure and field-dependent specific heat measurements of non-Fermi liquid $U_3Ni_3Sn_4$ . <i>Physical Review B</i> , 2004, 69, .	3.2	4
110	Anderson lattice behavior in $Yb_{1-x}Lu_xAl_3$ . <i>Physical Review B</i> , 2004, 69, .	3.2	47
111	Structural properties of the geometrically frustrated pyrochlore $Tb_2Ti_2O_7$ . <i>Physical Review B</i> , 2004, 69, .	3.2	47
112	Disorder-induced Kondo behavior in nanostructured $CeAl_2$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E101-E102.	2.3	1
113	Lattice disorder and magnetism in f-electron intermetallics. <i>Physica B: Condensed Matter</i> , 2004, 354, 313-319.	2.7	2
114	Local lattice symmetry of spin-glass and antiferromagnetic $URh_2Ge_2$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 941-942.	2.3	6
115	Direct Observation of High-Temperature Polaronic Behavior in Colossal Magnetoresistive Manganites. <i>Physical Review Letters</i> , 2004, 92, 166401.	7.8	75
116	Molecular Interfacial Reactions between Pu(VI) and Manganese Oxide Minerals Manganite and Hausmannite. <i>Environmental Science &amp; Technology</i> , 2003, 37, 3367-3374.	10.0	90
117	Local structure and vibrational properties of $U^{VI}$ in Pu-martensite in Ga-stabilized $U$ -Pu. <i>Physical Review B</i> , 2003, 67, .	3.2	22
118	Vibrational properties of Ga-stabilized $U^{VI}$ in Pu by extended x-ray absorption fine structure. <i>Physical Review B</i> , 2002, 65, .	3.2	29
119	Two Energy Scales and Slow Crossover in $YbAl_3$ . <i>Physical Review Letters</i> , 2002, 88, 117201.	7.8	80
120	Annealing, lattice disorder, and non-Fermi-liquid behavior in $UCu_4Pd$ . <i>Physical Review B</i> , 2002, 66, .	3.2	20
121	Effects of lattice disorder in the $UCu_5-xPd_x$ system. <i>Physical Review B</i> , 2002, 65, .	3.2	20
122	X-ray absorption fine structure spectroscopy of plutonium complexes with bacillus sphaericus. <i>Radiochimica Acta</i> , 2002, 90, 315-321.	1.2	56
123	Spectroscopic studies on the interaction of $U(VI)$ with <i>Bacillus sphaericus</i> . <i>Radiochimica Acta</i> , 2002, 90, 779-783.	1.2	39
124	Neodymium and erbium coordination environments in phosphate glasses. <i>Physical Review B</i> , 2002, 65, .	3.2	30
125	An investigation of the local iron environment in iron phosphate glasses having different Fe(II) concentrations. <i>Journal of Non-Crystalline Solids</i> , 2002, 306, 182-192.	3.1	95
126	Two energy scales and slow crossover in $YbAl_3$ . <i>Physica B: Condensed Matter</i> , 2002, 312-313, 324-326.	2.7	1



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127	Pd/Cu site interchange in $\text{UCu}_{5-x}\text{Pd}_x$ . <i>Physica B: Condensed Matter</i> , 2002, 312-313, 408-409.	2.7	0
128	High-resolution photoemission spectroscopy on intermediate valent Yb-compounds: predictions of the Anderson impurity model. <i>Physica B: Condensed Matter</i> , 2002, 312-313, 675-676.	2.7	0
129	XAFS Investigation of Platinum Impurities in Phosphate Glasses. <i>Journal of the American Ceramic Society</i> , 2002, 85, 1093-1099.	3.8	15
130	Local distortions in $\text{La}_{0.7}\text{Ca}_{0.3}\text{Mn}_{1-x}\text{AbO}_3$ (A=Ti and Ga) colossal magnetoresistance samples: Correlations with magnetization and evidence for cluster formation. <i>Physical Review B</i> , 2001, 64, .	3.2	50
131	Local and average crystal structure and displacements of $\text{La}_{11}\text{B}_6$ and $\text{EuB}_6$ as a function of temperature. <i>Physical Review B</i> , 2001, 63, .	3.2	28
132	The structure of $\text{Na}_2\text{O}-\text{Al}_2\text{O}_3-\text{SiO}_2$ glass: impact on sodium ion exchange in $\text{H}_2\text{O}$ and $\text{D}_2\text{O}$ . <i>Journal of Non-Crystalline Solids</i> , 2001, 296, 10-26.	3.1	142
133	Correlated Local Atomic Displacements: The Microscopic Origins for Macroscopic Phenomena.. <i>Materials Research Society Symposia Proceedings</i> , 2001, 678, 711.	0.1	1
134	Lattice disorder in strongly correlated lanthanide and actinide intermetallics. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 191-195.	2.4	3
135	Changes of the local distortions and colossal magnetoresistive properties of $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ induced by Ti or Ga defects. <i>Radiation Effects and Defects in Solids</i> , 2001, 155, 37-41.	1.2	0
136	Slow crossover in $\text{YbXCu}_4$ (X=Ag, Cd, In, Mg, Tl, Zn) intermediate-valence compounds. <i>Physical Review B</i> , 2001, 63, .	3.2	71
137	MnK-edge XANES studies of $\text{La}_{1-x}\text{AxMnO}_3$ systems (A=Ca, Ba, Pb). <i>Physical Review B</i> , 2001, 63, .	3.2	93
138	Temperature dependent changes of the Mn 3d and 4p bands near $T_c$ in colossal magnetoresistance systems: XANES study of $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ . <i>Physical Review B</i> , 2000, 61, R9237-R9240.	3.2	78
139	Changes in the local structure of a $\text{La}_{0.70}\text{Ca}_{0.30}\text{MnO}_3$ CMR sample induced by a magnetic field. <i>Physical Review B</i> , 2000, 62, 8954-8958.	3.2	9
140	Local lattice disorder in the geometrically frustrated spin-glass pyrochlore $\text{Y}_2\text{Mo}_2\text{O}_7$ . <i>Physical Review B</i> , 2000, 62, R755-R758.	3.2	91
141	Effect of annealing temperature on local distortion of $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$ thin films. <i>Physical Review B</i> , 2000, 61, 11373-11378.	3.2	26
142	Local environment of iron and uranium ions in vitrified iron phosphate glasses studied by Fe K and U L <sub>III</sub> -edge x-ray absorption fine structure spectroscopy. <i>Journal of Materials Research</i> , 2000, 15, 1972-1984.	2.6	47
143	Oxygen and phosphorus coordination around iron in crystalline ferric ferrous pyrophosphate and iron-phosphate glasses with $\text{UO}_2$ or $\text{Na}_2\text{O}$ . <i>Journal of Materials Research</i> , 1999, 14, 2628-2639.	2.6	32
144	Physical properties of $\text{YbXCu}_4$ (X=Ag, Au, Cd, Mg, Tl, and Zn) compounds. <i>Physical Review B</i> , 1999, 59, 6855-6866.	3.2	143

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145	Electronic properties of $UX_3$ ( $X=Ga, Al, \text{ and } Sn$ ) compounds in high magnetic fields: Transport, specific heat, magnetization, and quantum oscillations. <i>Physical Review B</i> , 1999, 59, 14473-14483.	3.2	48
146	Effect of magnetic fields on the metal-insulator transition in $BaVS_3$ . <i>Physical Review B</i> , 1999, 60, 14852-14856.	3.2	15
147	CORRELATIONS BETWEEN LOCAL STRUCTURE AND MAGNETISM, PLUS TEMPERATURE DEPENDENT CHANGES IN THE 3D BANDS IN THE COLOSSAL MAGNETORESISTIVE MATERIALS. <i>International Journal of Modern Physics B</i> , 1999, 13, 3783-3785.	2.0	1
148	The important role of local distortions and their connection with magnetism and transport in the "colossal" magnetoresistance systems, $La_{1-x}A_xMnO_3$ . <i>Radiation Effects and Defects in Solids</i> , 1999, 149, 221-231.	1.2	1
149	Temperature/magnetization-induced distortions in the local structure of substituted $LaMnO_3$ . <i>Journal of Synchrotron Radiation</i> , 1999, 6, 543-545.	2.4	0
150	The effect of the annealing temperature on the local distortion of $La_{0.67}Ca_{0.33}MnO_3$ thin films. <i>Journal of Synchrotron Radiation</i> , 1999, 6, 682-684.	2.4	0
151	Title is missing!. <i>Journal of Superconductivity and Novel Magnetism</i> , 1999, 12, 295-298.	0.5	1
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