

Corwin H Booth

List of Publications by Year in descending order

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5,759
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61984

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184
docs citations

184
times ranked

4850
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Relationship between Magnetism and MnO ₆ Distortions in La ^{1-x} CaxMnO ₃ . Physical Review Letters, 1998, 80, 853-856.	7.8	237
2	X-ray-absorption fine-structure standards: A comparison of experiment and theory. Physical Review B, 1995, 52, 6332-6348.	3.2	208
3	X-ray-absorption fine structure in embedded atoms. Physical Review B, 1994, 49, 12347-12350.	3.2	150
4	Physical properties of YbXCu ₄ (X=Ag, Au, Cd, Mg, Tl, and Zn) compounds. Physical Review B, 1999, 59, 6855-6866.	3.2	143
5	The structure of Na ₂ O-Al ₂ O ₃ -SiO ₂ glass: impact on sodium ion exchange in H ₂ O and D ₂ O. Journal of Non-Crystalline Solids, 2001, 296, 10-26.	3.1	142
6	Local structure, transport, and rare-earth magnetism in the ferrimagnetic perovskite Gd _{0.67} Ca _{0.33} MnO ₃ s. Physical Review B, 1997, 55, 6453-6459.	3.2	137
7	Lattice effects in La ^{1-x} CaxMnO ₃ (x=0-1): Relationships between distortions, charge distribution, and magnetism. Physical Review B, 1998, 57, 10440-10454.	3.2	133
8	Cerocene Revisited: The Electronic Structure of and Interconversion Between Ce ₂ (C ₈ H ₈) ₃ and Ce(C ₈ H ₈) ₂ . Organometallics, 2009, 28, 698-707.	2.3	127
9	Self-Contained Kondo Effect in Single Molecules. Physical Review Letters, 2005, 95, 267202.	7.8	118
10	Experimental studies of the phase transition in YbIn ^{1-x} AgxCu ₄ . Physical Review B, 1997, 56, 7993-8000.	3.2	115
11	Decamethylterbocene Complexes of Bipyridines and Diazabutadienes: Multiconfigurational Ground States and Open-Shell Singlet Formation. Journal of the American Chemical Society, 2009, 131, 6480-6491.	13.7	112
12	An investigation of the local iron environment in iron phosphate glasses having different Fe(II) concentrations. Journal of Non-Crystalline Solids, 2002, 306, 182-192.	3.1	95
13	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
14	MnK-edge XANES studies of La ^{1-x} AxMnO ₃ systems (A=Ca, Ba, Pb). Physical Review B, 2001, 63, .	3.2	93
15	Intermediate-Valence Tautomerism in Decamethylterbocene Complexes of Methyl-Substituted Bipyridines. Journal of the American Chemical Society, 2010, 132, 17537-17549.	13.7	92
16	Local lattice disorder in the geometrically frustrated spin-glass pyrochlore Y ₂ Mo ₂ O ₇ . Physical Review B, 2000, 62, R755-R758.	3.2	91
17	Molecular Interfacial Reactions between Pu(VI) and Manganese Oxide Minerals Manganite and Hausmannite. Environmental Science & Technology, 2003, 37, 3367-3374.	10.0	90
18	Bond Covalency and Oxidation State of Actinide Ions Complexed with Therapeutic Chelating Agent 3,4,3-Li(1,2-HOPO). Inorganic Chemistry, 2018, 57, 5352-5363.	4.0	88

#	ARTICLE	IF	CITATIONS
19	Two Energy Scales and Slow Crossover in YbAl ₃ . Physical Review Letters, 2002, 88, 117201.	7.8	80
20	Temperature dependent changes of the Mn ^{3d} and 4p bands near T _c in colossal magnetoresistance systems: XANES study of La _{1-x} Ca _x MnO ₃ . Physical Review B, 2000, 61, R9237-R9240.	3.2	78
21	Direct Observation of High-Temperature Polaronic Behavior in Colossal Magnetoresistive Manganites. Physical Review Letters, 2004, 92, 166401.	7.8	75
22	Homoleptic Cerium(III) and Cerium(IV) Nitroxide Complexes: Significant Stabilization of the 4+ Oxidation State. Inorganic Chemistry, 2013, 52, 11600-11607.	4.0	75
23	Reversible Sigma C-C Bond Formation Between Phenanthroline Ligands Activated by (C ₅ Me ₅) ₂ Yb. Journal of the American Chemical Society, 2014, 136, 8626-8641.	13.7	75
24	Quantitative Evidence for Lanthanide-Oxygen Orbital Mixing in CeO ₂ , PrO ₂ , and TbO ₂ . Journal of the American Chemical Society, 2017, 139, 18052-18064.	13.7	75
25	Local disorder in the oxygen environment around praseodymium in Y _{1-x} Pr _x Ba ₂ Cu ₃ O ₇ from x-ray-absorption fine structure. Physical Review B, 1994, 49, 3432-3442.	3.2	74
26	Slow crossover in YbXCu ₄ (X=Ag, Cd, In, Mg, Tl, Zn) intermediate-valence compounds. Physical Review B, 2001, 63, .	3.2	71
27	Local Structure of La _{1-x} Sr _x CoO ₃ Determined from EXAFS and Neutron Pair Distribution Function Studies. Physical Review Letters, 2009, 102, 026401.	7.8	70
28	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
29	Comparison of local structure measurements from c-axis polarized XAFS between a film and a single crystal of YBa ₂ Cu ₃ O _{7-δ} as a function of temperature. Physical Review B, 1996, 54, 9542-9554.	3.2	66
30	Evidence of magnetization-dependent polaron distortion in La _{1-x} A _x MnO ₃ , A=Ca, Pb. Physical Review B, 1996, 54, R15606-R15609.	3.2	64
31	Structural information on Y ions in C82 from EXAFS experiments. Chemical Physics Letters, 1993, 213, 196-201.	2.6	61
32	X-ray absorption fine structure spectroscopy of plutonium complexes with bacillus sphaericus. Radiochimica Acta, 2002, 90, 315-321.	1.2	56
33	Pd/Cu Site Interchange and Non-Fermi-Liquid Behavior in UCu ₄ Pd. Physical Review Letters, 1998, 81, 3960-3963.	7.8	52
34	Spin Equilibria in Monomeric Manganocenes: Solid-State Magnetic and EXAFS Studies. Organometallics, 2009, 28, 2005-2019.	2.3	52
35	Bis(permethylpentalene)cerium? another ambiguity in lanthanide oxidation state. Chemical Communications, 2007, , 1515.	4.1	51
36	Local distortions in La _{0.7} Ca _{0.3} Mn _{1-b} AbO ₃ (A=Ti and Ga) colossal magnetoresistance samples: Correlations with magnetization and evidence for cluster formation. Physical Review B, 2001, 64, .	3.2	50

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37	Controlled Redox Chemistry at Cerium within a Tripodal Nitroxide Ligand Framework. <i>Chemistry - A European Journal</i> , 2015, 21, 17850-17859.	3.3	50
38	Comparative Study of f-Element Electronic Structure across a Series of Multimetallic Actinide and Lanthanoid-Actinide Complexes Possessing Redox-Active Bridging Ligands. <i>Inorganic Chemistry</i> , 2010, 49, 1995-2007.	4.0	49
39	Electronic properties of UX_3 ($X=Ga, Al$, 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
40	The duality of electron localization and covalency in lanthanide and actinide metallocenes. <i>Chemical Science</i> , 2020, 11, 2796-2809.	7.4	48
41	Local environment of iron and uranium ions in vitrified iron phosphate glasses studied by Fe K and U L _{III} -edge x-ray absorption fine structure spectroscopy. <i>Journal of Materials Research</i> , 2000, 15, 1972-1984.	2.6	47
42	Anderson lattice behavior in $Yb_{1-x}Lu_xAl_3$. <i>Physical Review B</i> , 2004, 69, .	3.2	47
43	Structural properties of the geometrically frustrated pyrochlore $Tb_2Ti_2O_7$. <i>Physical Review B</i> , 2004, 69, .	3.2	47
44	Application of the Hubbard Model to $Cp^*_{2}Yb(bipy)$, a Model System for Strong Exchange Coupling in Lanthanide Systems. <i>Inorganic Chemistry</i> , 2012, 51, 10105-10110.	4.0	44
45	XAFS measurements of negatively correlated atomic displacements in $HgBa_2CuO_{4+\delta}$. <i>Physical Review B</i> , 1995, 52, R15745-R15748.	3.2	43
46	Perturbing the Superconducting Planes in $CeCoIn_5$ by Sn Substitution. <i>Physical Review Letters</i> , 2005, 95, 016406.	7.8	43
47	Influence of the Torsion Angle in 3,3'-Dimethyl-2,2'-bipyridine on the Intermediate Valence of Yb in $(C_5Me_5)_2Yb(3,3'-Me_2-bipy)$. <i>Organometallics</i> , 2013, 32, 5305-5312.	2.3	43
48	Oxidation and crystal field effects in uranium. <i>Physical Review B</i> , 2015, 92, .	3.2	43
49	Thermal Dihydrogen Elimination from $Cp^*_{2}Yb(4,5-diazafluorene)$. <i>Organometallics</i> , 2013, 32, 1150-1158.	2.3	42
50	Dynamics of diluted Ho spin ice $Ho_{2-x}Y_xTi_2O_7$ studied by neutron spin echo spectroscopy and ac susceptibility. <i>Physical Review B</i> , 2006, 73, .	3.2	41
51	Spectroscopic studies on the interaction of U(VI) with <i>Bacillus sphaericus</i> . <i>Radiochimica Acta</i> , 2002, 90, 779-783.	1.2	39
52	A Ligand Field Series for the 4f-Block from Experimental and DFT Computed Ce(IV/III) Electrochemical Potentials. <i>Inorganic Chemistry</i> , 2015, 54, 2830-2837.	4.0	39
53	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
54	Delocalization and occupancy effects of 5f orbitals in plutonium intermetallics using L ₃ -edge resonant X-ray emission spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2014, 194, 57-65.	1.7	37

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55	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
56	Temperature-dependent evolution of the electronic and local atomic structure in the cubic colossal magnetoresistive manganite $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$. Physical Review Letters, 2016, 116, 156401.	3.2	35
57	Confirmation of standard error analysis techniques applied to EXAFS using simulations. Journal of Physics: Conference Series, 2009, 190, 012028.	0.4	35
58	Cerium Tetrakis(tropolonate) and Cerium Tetrakis(acetylacetonate) Are Not Diamagnetic but Temperature-Independent Paramagnets. Inorganic Chemistry, 2018, 57, 7290-7298.	4.0	35
59	Spectroscopic and Computational Characterization of Diethylenetriaminepentaacetic Acid/Transplutonium Chelates: Evidencing Heterogeneity in the Heavy Actinide(III) Series. Angewandte Chemie - International Edition, 2018, 57, 4521-4526.	13.8	33
60	Oxygen and phosphorus coordination around iron in crystalline ferric ferrous pyrophosphate and iron-phosphate glasses with UO_2 or Na_2O . Journal of Materials Research, 1999, 14, 2628-2639.	2.6	32
61	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
62	Magnetism and phase transitions in LaCoO_3 . Journal of Physics Condensed Matter, 2013, 25, 382203.	1.8	31
63	Neodymium and erbium coordination environments in phosphate glasses. Physical Review B, 2002, 65, .	3.2	30
64	Pressure-Resistant Intermediate Valence in the Kondo Insulator SmB_6 . Physical Review Letters, 2016, 116, 156401.	7.8	30
65	Vibrational properties of Ga-stabilized PbO extended x-ray absorption fine structure. Physical Review B, 2002, 65, .	3.2	29
66	Electronic structure and orbital occupancy in Yb-substituted CeCoIn_5 . Physical Review B, 2011, 83, .	3.2	29
67	A Macrocyclic Chelator That Selectively Binds Ln^{4+} over Ln^{3+} by a Factor of 10^{29} . Inorganic Chemistry, 2016, 55, 9989-10002.	4.0	29
68	An iterative approach to atomic background removal in XAFS data analysis. Physica B: Condensed Matter, 1995, 208-209, 121-124.	2.7	28
69	Single valence and structural order in the colossal-magnetoresistant pyrochlore $\text{Ti}_2\text{Mn}_2\text{O}_7$. Physical Review B, 1997, 55, R688-R691.	3.2	28
70	Local and average crystal structure and displacements of La_{11}B_6 and Eu_6B_6 as a function of temperature. Physical Review B, 2001, 63, .	3.2	28
71	Length scale effects on the electronic transport properties of nanometric Cu/Nb multilayers. Thin Solid Films, 2007, 515, 3574-3579.	1.8	27
72	Local structure and site occupancy of Cd and Hg substitutions in CeT_2In . Physical Review B, 2016, 93, 040401.	3.2	27

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Electronic structure of C_{60} <http://www.w3.org/1998/Math/MathML>

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91	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
92	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
93	Q -dependence of the spin fluctuations in the intermediate valence compound CePd_3 . <i>Journal of Physics Condensed Matter</i> , 2014, 26, 225602.	1.8	16
94	Effect of magnetic fields on the metal-insulator transition in BaVS_3 . <i>Physical Review B</i> , 1999, 60, 14852-14856.	3.2	15
95	XAFS Investigation of Platinum Impurities in Phosphate Glasses. <i>Journal of the American Ceramic Society</i> , 2002, 85, 1093-1099.	3.8	15
96	Local structure and vibrational properties of Pu , U , and the U charge-density wave. <i>Physical Review B</i> , 2005, 71, .	3.2	15
97	Complexation of Lanthanides and Heavy Actinides with Aqueous Sulfur-Donating Ligands. <i>Inorganic Chemistry</i> , 2021, 60, 6125-6134.	4.0	15
98	Using image area to control CCD systematic errors in spaceborne photometric and astrometric time-series measurements. <i>Publications of the Astronomical Society of the Pacific</i> , 1991, 103, 685.	3.1	15
99	Synthesis, structure and physical properties of $\text{YbNi}_3\text{Al}_{9.23}$. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 086002.	1.8	14
100	Isochronal annealing effects on local structure, crystalline fraction, and undamaged region size of radiation damage in Ga-stabilized Pu . <i>Journal of Applied Physics</i> , 2016, 120, .	2.5	14
101	The unusual magnetism of nanoparticle LaCoO_3 . <i>Journal of Physics Condensed Matter</i> , 2015, 27, 176003.	1.8	13
102	A laboratory measurement of CCD photometric and dimensional stability. <i>Publications of the Astronomical Society of the Pacific</i> , 1990, 102, 688.	3.1	13
103	Ytterbium divalency and lattice disorder in near-zero thermal expansion YbGaGe . <i>Physical Review B</i> , 2007, 75, .	3.2	12
104	Kondo Interactions and Magnetic Correlations in CePt_2 Nanocrystals. <i>Physical Review Letters</i> , 2007, 98, 157206.	7.8	12
105	Syntheses, Structures, Magnetism, and Optical Properties of Lutetium-Based Interlanthanide Selenides. <i>Inorganic Chemistry</i> , 2007, 46, 9213-9220.	4.0	12
106	EXAFS investigation of UF_4 . <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2015, 33, .	2.1	12
107	On the valence fluctuation in the early actinide metals. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2016, 207, 14-18.	1.7	12
108	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

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127	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
128	Dicerium letterbox-shaped tetraphenolates: f-block complexes designed for two-electron chemistry. <i>Dalton Transactions</i> , 2020, 49, 877-884.	3.3	7
129	Evaluation of ¹³⁴ Ce as a PET imaging surrogate for antibody drug conjugates incorporating ²²⁵ Ac. <i>Nuclear Medicine and Biology</i> , 2022, 110-111, 28-36.	0.6	7
130	Local lattice symmetry of spin-glass and antiferromagnetic URh ₂ Ge ₂ . <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 941-942.	2.3	6
131	Syntheses, structure, magnetism, and optical properties of the partially ordered quaternary interlanthanide sulfides PrLnYb ₂ S ₆ (Ln=Tb, Dy). <i>Journal of Solid State Chemistry</i> , 2007, 180, 2581-2586.	2.9	6
132	Interstitial Incorporation of Plutonium into a Low-Dimensional Potassium Borate. <i>Environmental Science & Technology</i> , 2011, 45, 9457-9463.	10.0	6
133	Atomic structure and phase transitions in disordered Ti _{1-x} GaxN thin films grown by pulsed laser deposition. <i>Journal of Applied Physics</i> , 1998, 83, 7613-7617.	2.5	5
134	Syntheses, structure, magnetism, and optical properties of the interlanthanide sulfides $\hat{\Gamma}$ -Ln ₂ xLuxS ₃ (Ln=Ce, Pr, Nd). <i>Journal of Solid State Chemistry</i> , 2007, 180, 2129-2135.	2.9	5
135	Plutonium Co-precipitation with Calcite. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 3362-3374.	2.7	5
136	X-ray absorption fine structure and field-dependent specific heat measurements of non-Fermi liquid U ₃ Ni ₃ Sn ₄ . <i>Physical Review B</i> , 2004, 69, .	3.2	4
137	Anisotropic intermediate valence in Yb ₂ M ₃ Ga ₉ (M=Rh, Ir). <i>Physical Review B</i> , 2005, 72, .	3.2	4
138	Order and disorder in the local and long-range structure of the spin-glass pyrochlore, Tb ₂ Mo ₂ O ₇ . <i>Journal of Physics Condensed Matter</i> , 2011, 23, 164214. http://www.w3.org/1998/Math/MathML	1.8	4
139	$\ln < \mathit{m}n > ^2 < \mathit{m}n > < \mathit{m}n >$ A computational and experimental investigation. <i>Physical Review B</i> , 2012, 86, .	3.2	4
140	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
141	Isolation of a TMTAA-Based Radical in Uranium bis-TMTAA Complexes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16136-16140.	13.8	4
142	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
143	A hydrolytically stable Ce(IV) complex of glutarimide-dioxime. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 934-939.	6.0	4
144	Experimental evaluation of the stabilization of the COT orbitals by 4f orbitals in COT ₂ Ce using a Hubbard model. <i>Dalton Transactions</i> , 2021, 50, 2530-2535.	3.3	4

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145	Local disorder in the oxygen environment around Pr in $Y_{1-x}Pr_xBa_2Cu_3O_7$ as measured by X-ray absorption fine structure. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 1033-1034.	1.2	3
146	Local structure study about Co in $YBa_2(Cu_{1-x}Co_x)_3O_7$ thin films using polarized XAFS. <i>Physical Review B</i> , 1996, 54, 13352-13360.	3.2	3
147	Lattice disorder in strongly correlated lanthanide and actinide intermetallics. <i>Journal of Synchrotron Radiation</i> , 2001, 8, 191-195.	2.4	3
148	Disorder effects on Kondo behavior in $CePt_{2+x}$. <i>Physica B: Condensed Matter</i> , 2006, 378-380, 778-779.	2.7	3
149	Magnetic frustration effects in uranium intermetallics. <i>Journal of Physics: Conference Series</i> , 2011, 273, 012036.	0.4	3
150	Lattice disorder and magnetism in f-electron intermetallics. <i>Physica B: Condensed Matter</i> , 2004, 354, 313-319.	2.7	2
151	Local structure around Sn in. <i>Physica B: Condensed Matter</i> , 2005, 359-361, 401-403.	2.7	2
152	Remarkable Strontium B-Site Occupancy in Ferroelectric $Pb(Zr_{1-x}Ti_x)O_3$ Solid Solutions Doped With Cryolite-Type Strontium Niobate. <i>Journal of the American Ceramic Society</i> , 2007, 90, 071019062949003-???	3.8	2
153	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
154	Isolation of a TMTAA-Based Radical in Uranium bis-TMTAA Complexes. <i>Angewandte Chemie</i> , 2018, 130, 16368-16372.	2.0	2
155	$NpSe_2$: a Binary Chalcogenide Containing Modulated Selenide Chains and Ambiguous Valent Metal. <i>Angewandte Chemie</i> , 2019, 131, 16276-16279.	2.0	2
156	Probing Multiconfigurational States by Spectroscopy: The Cerium XAS L 3 edge Puzzle. <i>Chemistry - A European Journal</i> , 2021, 27, 7188-7188.	3.3	2
157	Real-Space X-ray Absorption Package (RSXAP), 0, , ,		2
158	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
159	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
160	Title is missing!. <i>Journal of Superconductivity and Novel Magnetism</i> , 1999, 12, 295-298.	0.5	1
161	Correlated Local Atomic Displacements: The Microscopic Origins for Macroscopic Phenomena.. <i>Materials Research Society Symposia Proceedings</i> , 2001, 678, 711.	0.1	1
162	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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163	Disorder-induced Kondo behavior in nanostructured CeAl ₂ . Journal of Magnetism and Magnetic Materials, 2004, 272-276, E101-E102.	2.3	1
164	Predetermining acceptable noise limits of EXAFS spectra in the limit of stochastic noise. Journal of Physics: Conference Series, 2009, 190, 012029.	0.4	1
165	Local Structure Study About Co in a-Axis Films of YBa ₂ (Cu _{0.93} Co _{0.07}) ₃ O _{7-δ} Using Polarized XAFS. European Physical Journal Special Topics, 1997, 7, C2-1093-C2-1095.	0.2	1
166	<i>In situ</i> beam reduction of Pu(IV) and Bk(IV) as a route to trivalent transuranic coordination complexes with hydroxypyridinone chelators. Journal of Synchrotron Radiation, 2022, 29, 315-322.	2.4	1
167	Evidence of Distortion in the Oxygen Environment around Praseodymium in Y _{1-x} Pr _x Ba ₂ Cu ₃ O ₇ from Praseodymium K-Edge XAFS. Materials Research Society Symposia Proceedings, 1993, 307, 117.	0.1	0
168	Large local distortions introduced by defects in YBa ₂ Cu ₃ O ₇ superconductors: An X-ray-absorption study. Radiation Effects and Defects in Solids, 1995, 137, 351-354.	1.2	0
169	Probing the local structure of high-T _c superconductors using XAFS spectroscopy. , 1996, , .		0
170	Does the local structure play a role in high temperature superconductivity?. Superlattices and Microstructures, 1996, 19, 313-325.	3.1	0
171	Environment About Indium in Ga _{1-x} In _x N from In and Ga K-Edge XAFS. European Physical Journal Special Topics, 1997, 7, C2-1253-C2-1254.	0.2	0
172	Temperature/magnetization-induced distortions in the local structure of substituted LaMnO ₃ . Journal of Synchrotron Radiation, 1999, 6, 543-545.	2.4	0
173	The effect of the annealing temperature on the local distortion of La _{0.67} Ca _{0.33} MnO ₃ thin films. Journal of Synchrotron Radiation, 1999, 6, 682-684.	2.4	0
174	Changes of the local distortions and colossal magnetoresistive properties of La _{0.7} Ca _{0.3} MnO ₃ induced by Ti or Ga defects. Radiation Effects and Defects in Solids, 2001, 155, 37-41.	1.2	0
175	Pd/Cu site interchange in UCu _{5-x} Pdx. Physica B: Condensed Matter, 2002, 312-313, 408-409.	2.7	0
176	High-resolution photoemission spectroscopy on intermediate valent Yb-compounds: predictions of the Anderson impurity model. Physica B: Condensed Matter, 2002, 312-313, 675-676.	2.7	0
177	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
178	Pair-distribution function analysis of the structural valence transition in Cp* ₂ Yb(4,4'-Me ₂ -bipy). Journal of Physics: Conference Series, 2011, 273, 012149.	0.4	0