

# Omar Chmaissem

## List of Publications by Year in descending order

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148  
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153  
all docs

153  
docs citations

153  
times ranked

5185  
citing authors



#	ARTICLE	IF	CITATIONS
19	Double-Q spin-density wave in iron arsenide superconductors. Nature Physics, 2016, 12, 493-498.	16.7	101
20	Neutron Diffraction Study of the Structural Distortions in Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> . Journal of Solid State Chemistry, 2000, 154, 361-367.	2.9	100
21	Synthesis and structural characterization of the 127 K HgBa <sub>2</sub> CaCu <sub>2</sub> O <sub>6.22</sub> superconductor. Physica C: Superconductivity and Its Applications, 1993, 217, 253-264.	1.2	97
22	Tolerance factor rules for Sr <sub>1-x</sub> Ca <sub>y</sub> MnO <sub>3</sub> perovskites. Journal of Solid State Chemistry, 2003, 170, 154-164.	2.9	92
23	Formation of Co <sup>3+</sup> octahedra and tetrahedra in YBaCo <sub>4</sub> O <sub>8.1</sub> . Journal of Solid State Chemistry, 2008, 181, 664-672.	2.9	91
24	Reduced ferromagnetic transition temperatures in SrRu <sub>1-x</sub> V <sub>3</sub> O <sub>7</sub> perovskites from Ru-site vacancies. Physical Review B, 2004, 70, .	3.2	89
25	Synthesis and neutron powder diffraction study of the superconductor HgBa <sub>2</sub> CaCu <sub>2</sub> O <sub>6+δ</sub> before and after heat treatment. Physica C: Superconductivity and Its Applications, 1993, 218, 348-355.	1.2	87
26	Synthesis and characterization of bulk Nd <sub>1-x</sub> O <sub>2</sub> and Nd <sub>1-x</sub> O <sub>2</sub> Nd <sub>1-x</sub> O <sub>2</sub> Physical Review Materials, 2020, 4, .	2.4	87
27	Crystal structures of Hg-Sr-Ca-Cu-O superconductors with enhanced flux pinning: Hg <sub>1-x</sub> R <sub>x</sub> Sr <sub>2</sub> Ca <sub>n-1</sub> Cu <sub>n+2</sub> O <sub>2n+1</sub> (n=2, 3; x=0.2, 0.25). Physical Review B, 1996, 53, 14647-14655.	3.2	81
28	Crystal structures of Hg-Sr-Ca-Cu-O superconductors with enhanced flux pinning: Hg <sub>1-x</sub> R <sub>x</sub> Sr <sub>2</sub> Ca <sub>n-1</sub> Cu <sub>n+2</sub> O <sub>2n+1</sub> (n=2, 3; x=0.2, 0.25). Physical Review B, 1996, 53, 14647-14655.	3.2	81
29	Neutron powder diffraction study of the crystal structure of HgBa <sub>2</sub> Ca <sub>4</sub> Cu <sub>5</sub> O <sub>12+δ</sub> at room temperature and at 10 K. Physica C: Superconductivity and Its Applications, 1994, 227, 1-9.	1.2	77
30	Oxygen Content and Structures of La <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3+d</sub> as a Function of Synthesis Conditions. Journal of Solid State Chemistry, 1999, 146, 448-457.	2.9	75
31	Structural, magnetic, and superconducting properties of Ba <sub>1-x</sub> Na <sub>x</sub> Fe <sub>2</sub> As <sub>2</sub> Physical Review B, 2015, 92, .	3.2	62
32	Structure and Thermal Expansion of LiV <sub>2</sub> O <sub>4</sub> : Correlation between Structure and Heavy Fermion Behavior. Physical Review Letters, 1997, 79, 4866-4869.	7.8	60
33	Chromium clustering and ordering in Hg <sub>1-x</sub> C <sub>x</sub> Sr <sub>2</sub> CuO <sub>4+δ</sub> . Physical Review B, 1995, 52, 15636-15643.	3.2	54
34	Tetragonal magnetic phase in Ba <sub>1-x</sub> K <sub>x</sub> Fe <sub>2</sub> As <sub>2</sub> x-ray and neutron diffraction. Physical Review B, 2015, 92, .	3.2	47
35	Increase of ferromagnetic ordering temperature by the minority-band double-exchange interaction in SrRu <sub>1-x</sub> C <sub>x</sub> O <sub>3</sub> . Physical Review B, 2005, 72, .	3.2	49
36	Thermal expansion and compressibility of Sr <sub>2</sub> RuO <sub>4</sub> . Physical Review B, 1998, 57, 5067-5070.	3.2	47

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37	Chemical doping and improved flux pinning in Hg-based superconductors. Journal of Low Temperature Physics, 1996, 105, 1359-1365.	1.4	46
38	Temperature and pressure effects on the crystal structure of Sr <sub>3</sub> Ru <sub>2</sub> O <sub>7</sub> : Evidence for electronically driven structural responses. Physical Review B, 2000, 62, 8725-8730.	3.2	44
39	Crystal structures, charge and oxygen-vacancy ordering in oxygen deficient perovskites SrMnO <sub>x</sub> (x < 2.7). Journal of Solid State Chemistry, 2007, 180, 1698-1707.	2.9	41
40	Effect of Re substitution on the defect structure, and superconducting properties of (Hg <sub>1-x</sub> Re <sub>x</sub> )Ba <sub>2</sub> Ca <sub>n-1</sub> Cu <sub>n</sub> O <sub>2n+1</sub> (n = 2, 3, 4). Physica C: Superconductivity and Its Applications, 1997, 292, 305-314.	1.2	40
41	Contribution of oxygen partial pressures investigated over a wide range to SrRuO <sub>3</sub> thin-film properties in laser deposition processing. Journal of Applied Physics, 2005, 97, 103525.	2.5	40
42	Synthesis and characterization of HgBa <sub>2</sub> Ca <sub>n-1</sub> Cu <sub>n</sub> O <sub>2n+1</sub> (n = 1, 2, and 3). Physica C: Superconductivity and Its Applications, 1994, 230, 231-238.	1.2	39
43	Magnetic phase diagram of cubic perovskites SrMn <sub>1-x</sub> Fe <sub>x</sub> O <sub>3</sub> . Physical Review B, 2003, 67, .	3.2	39
44	Structural and physical properties of SrMnO <sub>3</sub> . Physical Review B, 2008, 78, .	3.2	38
45	Crystal structure and T <sub>c</sub> of 1212-type cuprate (Tl,Cr)Sr <sub>2</sub> (Ca,Tl)Cu <sub>2</sub> O <sub>7</sub> . Physica C: Superconductivity and Its Applications, 1995, 248, 42-48.	1.2	35
46	Multiple defects in overdoped Tl <sub>2</sub> Ba <sub>2</sub> CuO <sub>6</sub> +δ: effects on structure and superconductivity. Physica C: Superconductivity and Its Applications, 1997, 277, 170-182.	1.2	35
47	Characterization of magnetic properties of Sr <sub>2</sub> CuWO <sub>6</sub> . Physical Review B, 2014, 89, .	3.2	34
48	Structure and a bond-valence-sum study of the 1-2-3 superconductors (Ca <sub>x</sub> La <sub>1-x</sub> )(Ba <sub>1.75-x</sub> La <sub>0.25+x</sub> )Cu <sub>3</sub> O <sub>y</sub> and YBa <sub>2</sub> Cu <sub>3</sub> O <sub>y</sub> . Physical Review B, 2001, 63, .	3.2	34
49	Coincident structural and magnetic order in BaFe <sub>2</sub> As <sub>2</sub> by high-resolution neu. Physical Review B, 2014, 90, .	3.2	34
50	Detailed magnetic and structural analysis mapping a robust magnetic in C <sub>4</sub> . Physical Review B, 2016, 93, .	3.2	34
51	Correlation between coherent Jahn-Teller distortion and magnetic spin orientation in La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> . Physical Review B, 1999, 60, 10186-10192.	3.2	33
52	Characterization of Oxygen Storage and Structural Properties of Oxygen-Loaded Hexagonal MnO <sub>3+δ</sub> (R = Ho, Er, and Y). Chemistry of Materials, 2015, 27, 6259-6267.	6.7	33
53	New 1212-type (Hg, Cr)-based cuprate (Hg <sub>1-x</sub> Cr <sub>x</sub> )Sr <sub>2</sub> (Ca <sub>1-y</sub> Y <sub>y</sub> )Cu <sub>2</sub> O <sub>6</sub> +δ. Physica C: Superconductivity and Its Applications, 1995, 242, 23-29.	1.2	32
54	Structural, magnetic, and oxygen storage properties of hexagonal Dy <sub>1-x</sub> Y <sub>x</sub> MnO <sub>3</sub> +δ. Journal of Solid State Chemistry, 2014, 217, 127-135.	2.9	32

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55	Freezing of octahedral tilts below the Curie temperature in SrRuO <sub>3</sub> perovskites. Physical Review B, 2005, 71, .	3.2	31
56	Effect of crystalline quality and substitution on magnetic anisotropy of SrRuO <sub>3</sub> thin films. Journal of Applied Physics, 2006, 99, 08F501.	2.5	29
57	Synthesis and study of (Hg,Cr)-based 1201-type superconducting cuprate (Hg,Cr)Sr <sub>2</sub> CuO <sub>4</sub> + $\delta$ . Physica C: Superconductivity and Its Applications, 1995, 242, 17-22.	1.2	28
58	Defects that control the properties of Tl- and Hg-based superconductors. Physica C: Superconductivity and Its Applications, 1997, 282-287, 97-100.	1.2	28
59	Magnetic and superconducting properties of RuSr <sub>2</sub> GdCu <sub>2</sub> O <sub>8</sub> ; the effect of synthesis. Physica C: Superconductivity and Its Applications, 2000, 341-348, 455-456.	1.2	28
60	Symmetry of reentrant tetragonal phase in $\text{Ba}_{1-x}\text{Ca}_x\text{BiO}_3$ . Physical Review B, 2014, 90, .	7.8	28
61	Magnetic versus orbital ordering mechanism. Physical Review B, 2014, 90, .	7.8	28
62	Phase of the Hole-Doped Iron-Arsenide Superconductor $\text{Pb}_{2-x}\text{Sr}_x\text{Y}_{0.73}\text{Ca}_{0.27}\text{Cu}_3\text{O}_8$ by single-crystal neutron diffraction. Physica C: Superconductivity and Its Applications, 1991, 175, 293-300.	1.2	27
63	The structure of superconducting $\text{Pb}_{2-x}\text{Sr}_x\text{Y}_{0.73}\text{Ca}_{0.27}\text{Cu}_3\text{O}_8$ by single-crystal neutron diffraction. Physica C: Superconductivity and Its Applications, 1991, 175, 293-300.	1.2	27
64	Structural aspects of pressure-dependent hole ordering in $\text{La}_{1.67}\text{M}_{0.33}\text{NiO}_4$ (M=Ca,Sr,orBa). Physical Review B, 1995, 52, 1347-1351.	3.2	26
65	Nuclear and magnetic structural properties of Ba <sub>2</sub> FeMoO <sub>6</sub> . Physical Review B, 2005, 71, .	3.2	26
66	Magnetic structure of Sr <sub>2</sub> CuWO <sub>6</sub> . Journal of Physics Condensed Matter, 2014, 26, 496001.	1.8	26
67	Effects of A-site ordering on the structures and properties of $\text{La}_{1-x}\text{Ba}_x\text{MnO}_3$ ( $x \leq 0.5$ ). Physical Review B, 2005, 72, .	3.2	25
67	Superconductivity and oxygen ordering correlations in the homologous series of $\text{La}_{1-x}\text{Ba}_x\text{MnO}_3$ ( $x \leq 0.5$ ). Physical Review B, 2005, 72, .	3.2	25

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73	Ferromagnetic Mn moments at SrRuO <sub>3</sub> /SrMnO <sub>3</sub> interfaces. Applied Physics Letters, 2007, 91, .	3.3	19
74	Reversible oxygen intercalation in hexagonal Y <sub>0.7</sub> Tb <sub>0.3</sub> MnO <sub>3</sub> : toward oxygen production by temperature-swing absorption in air. Journal of Materials Chemistry A, 2019, 7, 2608-2618.	10.3	19
75	Electronic Structures, Hole-Doping, and Superconductivity of the s = 1, 2, 3, and 4 Members of the (Cu,Mo)-12s <sub>2</sub> Homologous Series of Superconductive Copper Oxides. Journal of the American Chemical Society, 2010, 132, 838-841.	13.7	18
76	Effect of proton irradiation on superconductivity in optimally doped BaFe <sub>2</sub> (As <sub>1-x</sub> Px) <sub>2</sub> single crystals. Physical Review B, 2016, 93, .	3.2	18
77	The crystal structure of Pb <sub>2</sub> Sr <sub>2</sub> YCu <sub>3</sub> O <sub>8+δ</sub> with δ=1.32, 1.46, 1.61, 1.71, by powder neutron diffraction. Physica C: Superconductivity and Its Applications, 1992, 199, 365-374.	1.2	17
78	Universal doping dependence of the ground-state staggered magnetization of cuprate superconductors. Physical Review B, 2008, 78, .	3.2	17
79	Valence-state transition in SrMn <sub>1-x</sub> Mo <sub>x</sub> O <sub>3</sub> (0 ≤ x ≤ 0.5) investigated by soft x-ray absorption spectroscopy. Physical Review B, 2009, 80, .	3.2	17
80	Structure and superconductivity in Cr-substituted HgBa <sub>2</sub> CuO <sub>4+δ</sub> . Physica C: Superconductivity and Its Applications, 1997, 279, 1-10.	1.2	16
81	Oxygen Stoichiometry in the Geometrically Frustrated Kagomé System YBaCo <sub>4</sub> O <sub>7+δ</sub> : Impact on Phase Behavior and Magnetism. Chemistry of Materials, 2013, 25, 4188-4196.	6.7	16
82	Effect of oxygen stoichiometry on properties of La <sub>0.815</sub> Sr <sub>0.185</sub> MnO <sub>3+d</sub> . Journal of Applied Physics, 2000, 87, 5031-5033.	2.5	15
83	Widespread orthorhombic fluctuations in the family of superconductors. Physical Review B, 2018, 98, .	5.2	15
84	High pO <sub>2</sub> Floating Zone Crystal Growth of the Perovskite Nickelate PrNiO <sub>3</sub> . Crystals, 2019, 9, 324.	2.2	15
85	Structural changes and oxygen stoichiometry in Pb <sub>2</sub> Sr <sub>2</sub> Y <sub>1-x</sub> Ca <sub>x</sub> Cu <sub>3</sub> O <sub>8+δ</sub> . Physica C: Superconductivity and Its Applications, 1989, 162-164, 53-54.	1.2	14
86	Relaxation effects in the transition temperature of superconducting HgBa <sub>2</sub> CuO <sub>4+δ</sub> . Physical Review B, 1999, 60, 9827-9835.	3.2	14
87	Synthesis and characterization of (Hg, Bi)-based 1212-type cuprate superconductor (Hg <sub>0.67</sub> Bi <sub>0.33</sub> )Sr <sub>2</sub> (Y <sub>0.67</sub> Ca <sub>0.33</sub> )Cu <sub>2</sub> O <sub>6+δ</sub> (δ=0.68). Physica C: Superconductivity and Its Applications, 1994, 228, 190-194.	1.2	13
88	A new (Hg, V)-based 1212-type cuprate (Hg, V) Sr <sub>2</sub> (Y, Ca) Cu <sub>2</sub> O <sub>z</sub> with T <sub>c</sub> (onset) up to 110 K. Zeitschrift für Physik B-Condensed Matter, 1995, 99, 179-184.	1.1	13
89	Structural features that optimize high temperature superconductivity. , 1996, , 1-15.		13
90	Increase of the superconducting T <sub>c</sub> , irreversibility fields, and critical currents in tetragonal YBaSrCu <sub>3</sub> Mo <sub>x</sub> O <sub>7+d</sub> . Physical Review B, 2000, 63, .	3.2	13

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91	Effects of internal structural parameters on the properties of Ba-substitutedLa0.5Sr0.5MnO3. Physical Review B, 2006, 74, .	3.2	13
92	Increase of critical currents and peak effect in Mo-substitutedYBa2Cu3O7. Physical Review B, 2006, 73, .	3.2	13
93	Comparison of magnetic and thermoelectric properties of (Nd,Ca)BaCo2O5.5 and (Nd,Ca)CoO3. Journal of Applied Physics, 2012, 111, 07D727.	2.5	13
94	Synthesis, structure, and properties of randomly mixed and layer-ordered SrMn1-xGaxO3 perovskites. Journal of Solid State Chemistry, 2004, 177, 1456-1470.	2.9	12
95	Structural, transport, and magnetic properties of the cation-ordered cobalt perovskite $\text{HoSr}_2\text{Mn}_2\text{Co}_3\text{O}_{17}$ . Physical Review B, 2007, 76, .	3.2	11
96	Kinetic control of structural and magnetic states in LuBaCo4O7. Physical Review B, 2012, 85, .	3.2	11
97	Pressure-induced volume collapse and structural phase transitions in SrRuO3. Journal of Solid State Chemistry, 2013, 205, 177-182.	2.9	11
98	Overdoped cuprates with high-temperature superconducting transitions. APL Materials, 2013, 1, .	5.1	11
99	Spectroscopic studies of the ferroelectric and magnetic phase transitions in multiferroic Sr1-xBaxMnO3. Journal of Physics Condensed Matter, 2017, 29, 045701.	1.8	11
100	Enhancement of the Curie temperature in NdBaCoO7. Physical Review B, 2012, 85, .	3.2	10
101	Increase of Magnetic Transition Temperatures by Reduction of Local Disorder for Perovskite Manganites. Materials Research Society Symposia Proceedings, 2002, 718, 1.	0.1	10
102	Preparation and characterization of 80 K superconducting Pb2Sr2Y1-xCaxCu3O8+delta, single crystals. Journal of the Less Common Metals, 1990, 164-165, 808-815.	0.8	9
103	Magnetic properties of substituted SrRuO3. Physica Status Solidi (B): Basic Research, 2006, 243, 13-20.	1.5	9
104	Parameters controlling magnetic interactions in perovskite manganites. Journal of Physics: Conference Series, 2011, 303, 012057.	0.4	9
105	Element-specific probe of Ru magnetism and local structure in RuSr2Eu1.5Ce0.5Cu2O10. Physical Review B, 2009, 80, .	3.2	8
106	Element-specific probe of Ru magnetism and local structure in RuSr2Eu1.5Ce0.5Cu2O10. Physical Review B, 2009, 80, .	3.2	8
107	Evidence for two competing defects in HgBa2CuO4+delta. Physica B: Condensed Matter, 1997, 241-243, 805-807.	2.7	7
108	Net Mn moment due to canted spins at SrRuO3/SrMnO3 interfaces. Journal of Applied Physics, 2008, 103, 07B517.	2.5	7



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109	Induced tetragonal distortions and multiferroic properties in polycrystalline $\text{SrB}_2\text{O}_7$ . <i>Physical Review Letters</i> , 2004, 93, 095701.	2.4	7
110	Design Rules for Manganites with Novel Magnetic and Electronic Properties. <i>Acta Physica Polonica A</i> , 2004, 105, 45-56.	0.5	7
111	Order-Disorder Transitions in $\text{CaCu}_2\text{O}_7$ . <i>Review Letters</i> , 2022, 120, 095701.	1.2	7
112	Electrical properties and crystal structure of (Hg, Pb) $\text{Sr}_2(\text{Ca}, \text{Y})\text{Cu}_2\text{O}_6+\delta$ . <i>Physica C: Superconductivity and Its Applications</i> , 1995, 247, 125-132.	1.2	6
113	First-order antiferromagnetic and structural transition in Sr-rich $\text{Pr}_{1-x}\text{Sr}_x\text{MnO}_3$ . <i>Journal of Applied Physics</i> , 2001, 89, 7407-7409.	2.5	6
114	Structural and physical properties of Re substituted B-site ordered and disordered $\text{SrCo}_{1-x}\text{Re}_x\text{O}_3$ ( $x=0.1, 0.25, 0.5$ ). <i>Journal of Solid State Chemistry</i> , 2012, 186, 240-246.	2.9	6
115	Cesium vacancy ordering in phase separated $\text{CsMnF}_3$ . <i>Physical Review Letters</i> , 2003, 91, 075701.	3.2	6
116	Correlation of magnetic transition temperatures to disorder for atomically arranged perovskites. <i>Physica C: Superconductivity and Its Applications</i> , 2003, 387, 266-271.	1.2	5
117	Competing interactions and complex magnetism at $\text{SrRuO}_3/\text{SrMnO}_3$ interfaces. <i>Applied Physics Letters</i> , 2008, 93, 192509.	3.3	5
118	Thermoelectric and structural correlations in $\text{Ca}_{1-x}\text{Sr}_x\text{MnO}_3$ . <i>Physical Review Letters</i> , 2003, 91, 075701.		



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127	Structural analysis of the charge transfer mechanism in the superconducting compounds $Pb_2Sr_2Y_{1-x}Ca_xCu_3O_{8+\delta}$ . Journal of Alloys and Compounds, 1993, 195, 169-172.	5.5	3
128	Synthesis, structure, and magnetic properties of $SrMn_{1-x}GaxO_3$ ( $x=0-0.5$ ) perovskites. Journal of Solid State Chemistry, 2005, 178, 3453-3460.	2.9	3
129	Novel Properties of Atomically Arranged Perovskites. Acta Physica Polonica A, 2007, 111, 15-25.	0.5	3
130	Combinatorial Composition Films and Dielectric Properties of $Ba_{1-x}Sr_xTiO_3$ Grown on $Si$ using PLD Process. International Journal of Applied Ceramic Technology, 2013, 10, E159.	2.1	2
131	High- $T_c$ Superconducting Cuprates, $(Ce,Y)O_{2s-2}Sr_2(Cu_{2.75}Mo_{0.25})O_{6+\delta}$ : $T_c$ -increase with apical Cu-O decrease at constant Cu-O planar distance. Journal of Physics: Conference Series, 2014, 507, 012031.	0.4	2
132	Phase separation and magnetic ordering studied by high-resolution neutron diffraction. Physica B: Condensed Matter, 2000, 276-278, 604-605.	2.7	1
133	Effects of Ru vacancies and oxygen synthesis pressures on the formation of nanodomain structures in $SrRuO_3$ thin films. Materials Research Society Symposia Proceedings, 2005, 875, 1.	0.1	1
134	Characterization of Large Area PLD Grown Combinatorial Compositions of Barium Strontium Titanium Oxides. , 2006, , .		1
135	RHEED study on continuously repeated step flow and layer-by-layer growth modes in $SrRuO_3/SrMnO_3$ superlattice. Current Applied Physics, 2014, 14, 378-382.	2.4	1
136	Spectacular Magneto-Related Properties of Complex Oxides. , 2001, , 205-221.		1
137	Novel Structural Phenomena at the Maximum $T_c$ in 123 and $HgBa_2CuO_{4+\delta}$ Superconductors: Evidence for a Structural Response that Competes with Superconductivity. , 1999, , 109-116.		1
138	A new (Hg, V)-based 1212-type cuprate $(Hg, V) Sr_2(Y, Ca) Cu_2O_z$ with $T_c(\text{onset})$ up to 110 K. Zeitschrift für Physik B-Condensed Matter, 1995, 99, 179-184.	1.1	0
139	Structural and superconducting properties of $HgBa_2CuO_{4+\delta}$ over an extended doping range: nonparabolic doping behavior. , 2000, , .		0
140	Improved pinning properties in Y123 materials by chemical substitutions. Physica B: Condensed Matter, 2000, 284-288, 889-890.	2.7	0
141	Decrease of Ferromagnetic Transition Temperature in Nonstoichiometric $SrRu_{1-x}V_xO_3$ Perovskites. Lecture Notes in Physics, 2002, , 303-311.	0.7	0
142	Universal Phase Diagrams and $\mu_0H_{c2}$ High Temperature Superconductors: $HgBa_2CuO_{4+\delta}$ . , 2002, , 331-339.		0
143	Iron substituted $SrRuO_3$ thin films. Materials Research Society Symposia Proceedings, 2006, 962, 1.	0.1	0
144	Modeling of Magnetic Anisotropy of $SrRuO_3$ Thin Films Using Tensors. , 2006, , .		0

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145	Competing magnetic ground states in the A-site layer-ordered manganite $\text{La}_{1-x}\text{Ba}_x\text{Mn}_2\text{O}_6$ . Physical Review B, 2010, 81, .	3.2	0
146	Improved Y-123 Materials by Chemical Substitutions. Lecture Notes in Physics, 2000, , 30-44.	0.7	0
147	Structure modification to increase flux pinning in $\text{HgBaCaCuO}$ superconductors. Acta Crystallographica Section A: Foundations and Advances, 1996, 52, C381-C381.	0.3	0
148	Tunable multiferroic order parameters in Sr- Ba Mn- Ti O. Physical Review Materials, 2019, 3, .	2.4	0