

Gang Cao

List of Publications by Year in descending order

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160
papers

9,047
citations

50276

46
h-index

42399

92
g-index

162
all docs

162
docs citations

162
times ranked

4859
citing authors

#	ARTICLE	IF	CITATIONS
1	Decoupling of static and dynamic criticality in a driven Mott insulator. Communications Physics, 2022, 5, .	5.3	5
2	Charge ordering in Ir dimers in the ground state of Ba5AlIr2O11. Physical Review B, 2022, 105, .	3.2	1
3	Keldysh Space Control of Charge Dynamics in a Strongly Driven Mott Insulator. Physical Review Letters, 2022, 128, 187402.	7.8	10
4	Mechanical control of physical properties in the van der Waals ferromagnet Cr_2O_3 via application of electric current. Physical Review B, 2022, 106, .	8.2	12
5	Bond Directional Anapole Order in a Spin-Orbit Coupled Mott Insulator Sr_2VO_4		

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19	Robust Mott insulating state at megabar pressures in strongly spin-orbit coupled Sr_2VO_4 . Physical Review B, 2020, 101, .	3.2	22
20	Towards electrical-current control of quantum states in spin-orbit-coupled matter. Journal of Physics Condensed Matter, 2020, 32, 423001.	1.8	5
21	Enhancement of the spin-orbit coupling by strong electronic correlations in transition metal and light actinide compounds. Journal of Physics Condensed Matter, 2020, 32, 445601.	1.8	4
22	Giant thermal magnetoconductivity in CrCl_3 and a general model for spin-phonon scattering. Physical Review Research, 2020, 2, .	3.2	22
23	Ground state in the novel dimer iridate $\text{Ba}_3\text{Ir}_2\text{O}_{10}$ with $\text{Ir}^{6+}(5d^3)$ ions. Physical Review B, 2019, 100, .	3.2	1
24	Momentum-resolved lattice dynamics of parent and electron-doped Sr_2VO_4 . Physical Review B, 2019, 100, .	3.2	7
25	Magnetic excitations in hole-doped Sr_2VO_4 : Comparison with electron-doped cuprates. Physical Review B, 2019, 100, .	3.2	7
26	Magnetic anisotropy of the alkali iridate Na_2VO_4 at high magnetic fields: Evidence for strong ferromagnetic Kitaev correlations. Physical Review B, 2019, 99, .	3.2	28
27	Evidence of resistive switching into a dynamical state in antiferromagnetic iridates. AIP Advances, 2019, 9, .	1.3	0
28	Direct Detection of Dimer Orbitals in $\text{Ba}_3\text{Ir}_2\text{O}_{10}$. Physical Review Letters, 2019, 122, 106401.	7.8	30
29	Observation of topological surface states in the high-temperature superconductor MgB_2 . Physical Review B, 2019, 100, .	3.2	2
30	Crossover between Mott and Efros-Shklovskii variable-range hopping in Sr_2VO_4 epitaxial thin films by misfit strain and isovalent doping. Journal of Applied Physics, 2019, 126, .	2.5	10
31	Nonequilibrium orbital transitions via applied electrical current in calcium ruthenates. Physical Review B, 2019, 100, .	3.2	17
32	The challenge of spin-orbit-tuned ground states in iridates: a key issues review. Reports on Progress in Physics, 2018, 81, 042502.	20.1	134
33	Electrical Control of Structural and Physical Properties via Strong Spin-Orbit Interactions in Sr_2VO_4 . Physical Review Letters, 2018, 120, 107201.	7.8	30
34	Exploring the energy landscape of resistive switching in antiferromagnetic Sr_2VO_4 . Physical Review B, 2018, 98, .	3.2	2
35	Honeycomb lattice Na_2VO_3 at high pressures: A robust spin-orbit Mott insulator. Physical Review B, 2018, 98, .	3.2	12
36	Decoupling of magnetism and electric transport in single-crystal Sr_2VO_4 . Physical Review B, 2018, 30, 245801.	1.8	6

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37	Magnetic reversal in Sr ₄ Ru ₃ O ₁₀ nanosheets probed by anisotropic magnetoresistance. Physical Review B, 2018, 98, .	3.2	11
38	Observation of a pressure-induced transition from interlayer ferromagnetism to intralayer antiferromagnetism in $\text{Sr}_{1-x}\text{Ca}_x\text{Ru}_2\text{O}_7$. Physical Review B, 2018, 98, .	3.2	11
39	Anisotropic antiferromagnetic order in the spin-orbit coupled trigonal-lattice $\text{Ca}_{1-x}\text{Sr}_x\text{Ru}_2\text{O}_7$. Physical Review B, 2018, 97, .	3.2	11
40	Electronic and optical properties of La-doped Sr ₃ Ir ₂ O ₇ epitaxial thin films. Physical Review Materials, 2018, 2, .	2.4	2
41	Charge partitioning and anomalous hole doping in Rh-doped $\text{Sr}_{1-x}\text{Ca}_x\text{Ru}_2\text{O}_7$. Physical Review B, 2017, 95, .	3.2	11
42	Doping Evolution of Magnetic Order and Magnetic Excitations in $\text{Sr}_{1-x}\text{Ca}_x\text{Ru}_2\text{O}_7$. Physical Review B, 2017, 118, 027202.	3.2	11
43	Giant spin gap and magnon localization in the disordered Heisenberg antiferromagnet Sr ₂ Ir _{1-x} Ru _x O ₄ . Physical Review B, 2017, 95, .	3.2	8
44	Ferro-Lattice-Distortions and Charge Fluctuations in Superconducting LaO _{1-x} F _x BiS ₂ . Journal of the Physical Society of Japan, 2017, 86, 054701.	1.6	13
45	Evidence for a low-temperature magnetic ground state in double-perovskite iridates with $\text{Ir}_{1-x}\text{Rh}_x\text{O}_6$ ions. Physical Review B, 2017, 96, .	3.2	47
46	In-plane magnetic anisotropy of the Sr ₄ Ru ₃ O ₁₀ nanosheet probed by planar Hall effect. Applied Physics Letters, 2017, 111, .	3.3	7
47	Determination of Hund's coupling in $\text{Sr}_{1-x}\text{Ca}_x\text{Ru}_2\text{O}_7$ oxides using resonant inelastic x-ray scattering. Physical Review B, 2017, 95, .	3.2	11
48	Suppression of magnetism in $\text{Ba}_{1-x}\text{Sr}_x\text{Ru}_2\text{O}_7$: Interplay of Hund's coupling, molecular orbitals, and spin-orbit interaction. Physical Review B, 2017, 96, .	3.2	19
49	Optical signatures of spin-orbit exciton in bandwidth-controlled $\text{Sr}_{1-x}\text{Ca}_x\text{Ru}_2\text{O}_7$. Physical Review B, 2017, 96, .	3.2	12
50	Optical signatures of spin-orbit exciton in bandwidth-controlled $\text{Sr}_{1-x}\text{Ca}_x\text{Ru}_2\text{O}_7$. Physical Review B, 2017, 95, .	3.2	16
51	Engineering 1D Quantum Stripes from Superlattices of 2D Layered Materials. Advanced Materials, 2017, 29, 1603798.	21.0	22
52	Origin of the exciton mass in the frustrated Mott insulator Na ₂ IrO ₃ . Physical Review B, 2017, 96, .	3.2	5
53	Non-destructive reversible resistive switching in Cr doped Mott insulator Ca ₂ RuO ₄ : Interface vs bulk effects. Journal of Applied Physics, 2017, 122, .	2.5	4
54	Size effect on the magnetic phase in Sr ₄ Ru ₃ O ₁₀ . New Journal of Physics, 2016, 18, 053019.	2.9	9

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55	X-ray Absorption Spectroscopy Study of the Effect of Rh doping in Sr2IrO4. Scientific Reports, 2016, 6, 23856.	3.3	15
56	Electrically tunable transport and high-frequency dynamics in antiferromagnetic $Sr_{1-x}Rh_xO_4$. Physical Review B, 2016, 93, .	3.2	7
57	Investigations of metastable Ca2IrO4 epitaxial thin-films: systematic comparison with Sr2IrO4 and Ba2IrO4. Scientific Reports, 2016, 6, 25967.	3.3	10
58	Selective growth of epitaxial Sr2IrO4 by controlling plume dimensions in pulsed laser deposition. Applied Physics Letters, 2016, 109, .	3.3	18
59	Isotropic and anisotropic regimes of the field-dependent spin dynamics in $Sr_{1-x}Rh_xO_4$. Raman scattering studies. Physical Review B, 2016, 93, .	3.2	16
60	Ground-state tuning of metal-insulator transition by compositional variations in $Ba_{1-x}RuxO_3$ ($0 \leq x \leq 1$). Physical Review B, 2016, 93, .	3.2	4
61	Simultaneous metal-insulator and antiferromagnetic transitions in orthorhombic perovskite iridate $Sr_{0.94}Ir_{0.78}O_{2.68}$ single crystals. Physical Review B, 2016, 93, .	3.2	9
62	Anisotropic softening of magnetic excitations in lightly electron-doped Sr_2IrO_4 . Physical Review B, 2016, 93, .	3.2	26
63	Observation of metallic surface states in the strongly correlated Kitaev-Heisenberg candidate $Na_2Ir_2O_7$. Physical Review B, 2016, 93, .	3.2	16
64	Pressure-Induced Confined Metal from the Mott Insulator Sr_2IrO_4 . Physical Review Letters, 2016, 116, 216402.	3.2	16
65	Hallmarks of the Mott-metal crossover in the hole-doped pseudospin-1/2 Mott insulator Sr_2IrO_4 . Nature Communications, 2016, 7, 11367.	12.8	99
66	Evidence of an odd-parity hidden order in a spin-orbit coupled correlated iridate. Nature Physics, 2016, 12, 32-36.	16.7	151
67	High-energy electronic excitations in Sr_2IrO_4 observed by Raman scattering. Physical Review B, 2015, 91, .	3.2	13
68	Coexisting charge and magnetic orders in the dimer-chain iridate $Ba_5Alr_2O_{11}$. Physical Review B, 2015, 91, .	3.2	28
69	$Sr_2Ir_{1-x}Rh_xO_4$ ($x < 0.5$): An inhomogeneous $J_{eff} = 1/2$ Hubbard system. Physical Review B, 2015, 92, .	3.2	23
70	Electrically tunable transport in the antiferromagnetic Mott insulator $Sr_{1-x}Rh_xO_4$. Physical Review B, 2015, 92, .	3.2	16
71	Structure symmetry determination and magnetic evolution in $Sr_2Ir_{1-x}Rh_xO_4$. Physical Review B, 2015, 92, .	3.2	42
72	Decoupling of the antiferromagnetic and insulating states in Tb-doped $Sr_{1-x}Rh_xO_4$. Physical Review B, 2015, 92, .	3.2	38

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73	toS superconductor in single-crystal mathvariant="normal">S</math>	3.2	31
74	Evolution of magnetism in single-crystal Ca ₂ Ru _{1-λ} O ₄ (0 \leq λ \leq 0.65). Physical Review B, 2015, 92, .	3.2	7
75	Anomalous High-Energy Waterfall-Like Electronic Structure in 5 d Transition Metal Oxide Sr ₂ IrO ₄ with a Strong Spin-Orbit Coupling. Scientific Reports, 2015, 5, 13036.	3.3	17
76	Confinement-Deconfinement Transition as an Indication of Spin-Liquid-Type Behavior in Na ₂ Ir ₂ O ₇ Physical Review Letters, 2015, 114, 017203.	7.8	46
77	Structural Distortion-Induced Magnetoelastic Locking in Sr ₂ Ir ₂ O ₇ through Nonlinear Optical Harmonic Generation. Physical Review Letters, 2015, 114, 096404.	7.8	74
78	Compressive strain-induced metal-insulator transition in orthorhombic SrIrO ₃ thin films. Journal of Materials Research, 2014, 29, 2491-2496.	2.6	77
79	Phonon-assisted optical excitation in the narrow bandgap Mott insulator Sr ₂ Ir ₂ O ₇ Novel Magnetism of Sr ₂ Ir ₂ O ₇ Physical Review Letters, 2014, 112, 056402.	3.2	34
80	stretchy="false">(Sr ₂ Ir ₂ O ₇) ₅ d ₄ Mo ₄	7.8	141
81	A low temperature nonlinear optical rotational anisotropy spectrometer for the determination of crystallographic and electronic symmetries. Review of Scientific Instruments, 2014, 85, 083102.	1.3	26
82	Different response of transport and magnetic properties of Ba _{1-x} Bi _x O ₃ to chemical and physical pressure. Physical Review B, 2014, 90, .	3.2	13
83	Tunneling into the Mott insulator Sr ₂ Ir ₂ O ₇ Physical Review B, 2014, 89, .	3.2	16
84	Epitaxial Ba ₂ IrO ₄ thin-films grown on SrTiO ₃ substrates by pulsed laser deposition. Applied Physics Letters, 2014, 104, .	3.3	13
85	Lattice-tuned magnetism of Ru ₂ Li ₂ O ₇ in single crystals of the layered honeycomb ruthenates	3.2	54
86	Dilute magnetism and spin-orbital percolation effects in Sr ₂ Ir ₂ O ₇ Physical Review X, 2014, 4, .	3.2	78
87	Tuning Magnetic Coupling in Sr ₂ Ir ₂ O ₇ Films with Epitaxial Strain. Physical Review Letters, 2014, 112, 147201.	7.8	62
88	Anisotropic Magnetoresistance in Antiferromagnetic Sr ₂ Ir ₂ O ₇ Physical Review X, 2014, 4, .	8.9	40
89	Orbital-dependent polaron formation in the relativistic Mott insulator Sr ₂ Ir ₂ O ₇ Physical Review B, 2014, 89, .	3.2	24
90	Local density of states study of a spin-orbit-coupling induced Mott insulator Sr ₂ Ir ₂ O ₇ Physical Review B, 2014, 90, .	3.2	49

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91	Evolution of magnetism in the single-crystal honeycomb iridates NaIrO_3 and CaIrO_3 . <i>Physical Review Letters</i> , 2013, 111, 177401. Giant vertical magnetization shift induced by spin canting in a $\text{Co/CaRu}_2\text{O}_7$ heterostructure. <i>Physical Review Letters</i> , 2013, 111, 177402.	3.2	53
92	Weak magnetic transitions in pyrochlore Bi_2O_7 . <i>Physical Review Letters</i> , 2013, 111, 177403. First-order spin reorientation transition and specific-heat anomaly in CeFeO_3 . <i>Journal of Applied Physics</i> , 2013, 114, .	3.2	27
93	First-order spin reorientation transition and specific-heat anomaly in CeFeO_3 . <i>Journal of Applied Physics</i> , 2013, 114, .	2.5	45
94	Anisotropic electronic properties of a -axis-oriented Sr_2IrO_4 epitaxial thin-films. <i>Applied Physics Letters</i> , 2013, 103, 131910.	3.3	25
95	Magnetic and crystal structures of Sr_2IrO_7 . <i>Physical Review Letters</i> , 2013, 111, 177404. Weak magnetic transitions in pyrochlore Bi_2O_7 . <i>Physical Review Letters</i> , 2013, 111, 177403.	3.2	21
96	Weak magnetic transitions in pyrochlore Bi_2O_7 . <i>Physical Review Letters</i> , 2013, 111, 177403.	3.2	21
97	Observation of superconductivity and anomalous electrical resistivity in single-crystal IrTe_3 . <i>Physical Review Letters</i> , 2013, 111, 177405. state via electron doping and pressure in the double-layered iridate $\text{Sr}_3\text{Ir}_2\text{O}_{10}$. <i>Physical Review Letters</i> , 2013, 111, 177406.	3.2	50
98	Spin switching and magnetization reversal in single-crystal NdFeO_3 . <i>Physical Review B</i> , 2013, 87, .	3.2	166
99	THE CONTRADICTION PHYSICAL PROPERTIES AND EXTREME ANISOTROPY OF $\text{Ca}_3\text{Ru}_2\text{O}_7$. , 2013, , 179-214.		0
100	Tuning electronic structure via epitaxial strain in Sr_2IrO_4 thin films. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	87
101	Dimensionality-controlled Mott transition and correlation effects in single-layer and bilayer perovskite iridates. <i>Physical Review B</i> , 2013, 87, .	3.2	71
102	Observation of superconductivity and anomalous electrical resistivity in single-crystal IrTe_3 . <i>Physical Review Letters</i> , 2013, 111, 177405. IrTe_3 . <i>Physical Review Letters</i> , 2013, 111, 177405.	3.2	8
103	Mixing between $J_{\text{eff}}=12$ and 32 orbitals in Na_2IrO_3 : A spectroscopic and density functional calculation study. <i>Physical Review B</i> , 2013, 88, .	3.2	43
104	INSTABILITY OF THE $J_{\text{eff}} = 1/2$ INSULATING STATE IN $\text{Sr}_n\text{Ir}_{n+1}\text{O}_{3n+1}$ ($n = 1$ AND 2). , 2013, , 269-315.		0
105	Frontiers of 4d- and 5d-Transition Metal Oxides. , 2013, , . Spin-orbit tuned metal-insulator transitions in single-crystal Sr_2IrO_7 . <i>Physical Review Letters</i> , 2013, 111, 177407.		38
106	Spin-orbit tuned metal-insulator transitions in single-crystal Sr_2IrO_7 . <i>Physical Review Letters</i> , 2013, 111, 177407.	3.2	102
107	Pressure tuning of the spin-orbit coupled ground state in Sr_2IrO_7 . <i>Physical Review Letters</i> , 2012, 109, 027204.	3.2	30
108	Pressure tuning of the spin-orbit coupled ground state in Sr_2IrO_7 . <i>Physical Review Letters</i> , 2012, 109, 027204.	7.8	192

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109	Direct evidence of a zigzag spin-chain structure in the honeycomb lattice: A neutron and x-ray diffraction investigation of single-crystal Na IrO_2	3.2	318
110	Testing the Validity of the Strong Spin-Orbit-Coupling Limit for Octahedrally Coordinated Iridate Compounds in a Model System	7.8	92
111	Physical Review Letters, 2012, 109, 157401. with both Mott-Hubbard and Slater characteristics in Sr IrO_2	3.2	98
112	Lattice-driven magnetoresistivity and metal-insulator transition in single-layered iridates. Physical Review B, 2011, 84, .	3.2	171
113	Magnetic anisotropy and geometrical frustration in the Ising spin-chain system Sr $5\text{Rh}_4\text{O}_{12}$. Journal of Applied Physics, 2011, 109, 07E164.	2.5	3
114	Measurement of the internal magnetic field in the correlated iridates Ca 4IrO_6 , Ca $5\text{Ir}_3\text{O}_{12}$, Sr $3\text{Ir}_2\text{O}_7$ and Sr 2IrO_4 . Physical Review B, 2011, 83, .	3.2	45
115	The promise of strong spin-orbit coupling: Novel materials with novel properties for novel devices. , 2010, . .		0
116	Negative Volume Thermal Expansion Via Orbital and Magnetic Orders in Ca 2RuO_4		

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127	Stability studies of the weak itinerant ferromagnet SrRuO_3 under high pressure to SrRuO_3 .	3.2	35
128	Anomalous itinerant magnetism in single-crystal $\text{Sr}_4\text{Ru}_3\text{O}_{10}$: A thermodynamic and transport investigation. Physical Review B, 2007, 75, .	3.2	12
129	Partial antiferromagnetism in spin-chain $\text{Sr}_5\text{Rh}_4\text{O}_{12}$, $\text{Ca}_5\text{Ir}_3\text{O}_{12}$, and $\text{Ca}_4\text{Ir}_6\text{O}_{12}$ single crystals. Physical Review B, 2007, 75, .	3.2	56
130	Non-Fermi-liquid behavior in nearly ferromagnetic SrRuO_3 crystals. Physical Review B, 2007, 76, .	3.2	89
131	Electronic structures of layered perovskite Sr_2MO_4 (M=Ru, Rh, and Ir). Physical Review B, 2006, 74, .	3.2	91
132	Field- and Pressure-Induced Phases in $\text{Sr}_4\text{Ru}_3\text{O}_{10}$: A Spectroscopic Investigation. Physical Review Letters, 2006, 96, 067004.	7.8	51
133	Borderline magnetism in $\text{Sr}_4\text{Ru}_3\text{O}_{10}$: Impact of La and Ca doping on itinerant ferromagnetism and metamagnetism. Physical Review B, 2006, 73, .	3.2	12
134	Observation of oscillatory magnetoresistance periodic in $\frac{1}{2}$ band in $\text{Ca}_3\text{Ru}_2\text{O}_7$. Physical Review B, 2006, 73, .	3.2	7
135	Colossal Magnetoresistance by Avoiding a Ferromagnetic State in the Mott System $\text{Ca}_3\text{Ru}_2\text{O}_7$. Physical Review Letters, 2005, 95, 017203.	7.8	41
136	Coexistence of dimerization and long-range magnetic order in the frustrated spin-chain system LiCu_2O_2 : Inelastic light scattering study. Physical Review B, 2004, 69, .	3.2	31
137	High-temperature weak ferromagnetism on the verge of a metallic state: Impact of dilute Sr doping on BaRuO_3 . Physical Review B, 2004, 69, .	3.2	41
138	Field-Induced Orbital and Magnetic Phases in $\text{Ca}_3\text{Ru}_2\text{O}_7$. Physical Review Letters, 2004, 93, 167205.	7.8	41
139	Field-tuned collapse of an orbitally ordered and spin-polarized state: Colossal magnetoresistance in the bilayered ruthenate $\text{Ca}_3\text{Ru}_2\text{O}_7$. Physical Review B, 2004, 69, .	3.2	29
140	Orbitally driven behaviour: Mott transition, quantum oscillations and colossal magnetoresistance in bilayered $\text{Ca}_3\text{Ru}_2\text{O}_7$. New Journal of Physics, 2004, 6, 159-159.	2.9	26
141	Destruction of an orbitally ordered and spin-polarized state: Colossal magnetoresistance in $\text{Ca}_3\text{Ru}_2\text{O}_7$. Journal of Electronic Materials, 2004, 33, 1303-1307.	2.2	0
142	Impact of magnetic fields on anisotropy in $\text{Ca}_3\text{Ru}_2\text{O}_7$. Physical Review B, 2003, 67, .	3.2	46
143	Competing ground states in triple-layered $\text{Sr}_4\text{Ru}_3\text{O}_{10}$: Verging on itinerant ferromagnetism with critical fluctuations. Physical Review B, 2003, 68, .	3.2	62
144	Quantum oscillations, colossal magnetoresistance, and the magnetoelastic interaction in bilayered $\text{Ca}_3\text{Ru}_2\text{O}_7$. Physical Review B, 2003, 67, .	3.2	39

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145	Dimer liquid state in the quantum antiferromagnet compound LiCu_2O_2 . <i>Physical Review B</i> , 2002, 66, .	3.2	43
146	Pressure-Tuned Collapse of the Mott-Like State in $\text{Ca}_{n+1}\text{Ru}_n\text{O}_{3n+1}$ ($n=1,2$): Raman Spectroscopic Studies. <i>Physical Review Letters</i> , 2002, 89, 226401.	7.8	64
147	Structure and magnetism of single crystal $\text{Sr}_4\text{Ru}_3\text{O}_{10}$: a ferromagnetic triple-layer ruthenate. <i>Physical Review B</i> , 2002, 65, .	3.2	90
148	Anomalous magnetic and transport behavior in the magnetic insulator $\text{Sr}_3\text{Ir}_2\text{O}_7$. <i>Physical Review B</i> , 2002, 66, .	3.2	157
149	Charge density wave formation accompanying ferromagnetic ordering in quasi-one-dimensional BaRuO_3 . <i>Solid State Communications</i> , 2000, 113, 657-662.	1.9	105
150	Spin-charge coupling for dilute La-doped $\text{Ca}_3\text{Ru}_2\text{O}_7$. <i>Physical Review B</i> , 2000, 62, 998-1003.	3.2	47
151	Ground-state instability of the Mott insulator Ca_2RuO_4 : Impact of slight La doping on the metal-insulator transition and magnetic ordering. <i>Physical Review B</i> , 2000, 61, R5053-R5057.	3.2	45
152	Raman-scattering study of the charge and spin dynamics of the layered ruthenium oxide $\text{Ca}_3\text{Ru}_2\text{O}_7$. <i>Physical Review B</i> , 1999, 60, R6980-R6983.	3.2	66
153	Destruction of the Mott insulating ground state of Ca_2RuO_4 by a structural transition. <i>Physical Review B</i> , 1999, 60, R8422-R8425.	3.2	140
154	Negative differential resistivity in $\text{Ca}_3\text{Ru}_2\text{O}_7$: Unusual transport and magnetic coupling in a near-metallic system. <i>Solid State Communications</i> , 1998, 107, 263-266.	1.9	12
155	Weak ferromagnetism, metal-to-nonmetal transition, and negative differential resistivity in single-crystal Sr_2IrO_4 . <i>Physical Review B</i> , 1998, 57, R11039-R11042.	3.2	327
156	Layered Ruthenium Oxides: From Band Metal to Mott Insulator. <i>Physical Review Letters</i> , 1998, 81, 2747-2750.	7.8	93
157	Observation of a Metallic Antiferromagnetic Phase and Metal to Nonmetal Transition in $\text{Ca}_3\text{Ru}_2\text{O}_7$. <i>Physical Review Letters</i> , 1997, 78, 1751-1754.	7.8	190
158	Thermal, magnetic, and transport properties of single-crystal Sr_2RuO_4 . <i>Physical Review B</i> , 1997, 56, 321-329.	3.2	530
159	Magnetic and transport properties of single-crystal Ca_2RuO_4 : Relationship to superconducting Sr_2RuO_4 . <i>Physical Review B</i> , 1997, 56, R2916-R2919.	3.2	133
160	Ferromagnetism in $\text{Sr}_4\text{Ru}_3\text{O}_{10}$: Relationship to other layered metallic oxides. <i>Physical Review B</i> , 1997, 56, R5740-R5743.	3.2	45