

# R L Greene

## List of Publications by Year in descending order

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8828  
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#	ARTICLE	IF	CITATIONS
1	High Temperature Ferromagnetism with a Giant Magnetic Moment in Transparent Co-doped $\text{SnO}_2$ . Physical Review Letters, 2003, 91, 077205.	2.9	816
2	Dependence of giant magnetoresistance on oxygen stoichiometry and magnetization in polycrystalline $\text{La}_{0.67}\text{Ba}_{0.33}\text{MnO}_z$ . Physical Review B, 1995, 51, 6143-6146.	1.1	534
3	Progress and perspectives on electron-doped cuprates. Reviews of Modern Physics, 2010, 82, 2421-2487.	16.4	532
4	Heat Capacity Measurements on Small Samples at Low Temperatures. Review of Scientific Instruments, 1972, 43, 205-214.	0.6	530
5	Giant magnetoresistance in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_z$ films near room temperature. Applied Physics Letters, 1994, 65, 2108-2110.	1.5	469
6	Superconductivity in Polysulfur Nitride (SN)X. Physical Review Letters, 1975, 34, 577-579.	2.9	384
7	Co-occurrence of Superparamagnetism and Anomalous Hall Effect in Highly Reduced Cobalt-Doped Rutile $\text{TiO}_2$ Films. Physical Review Letters, 2004, 92, 166601.	2.9	352
8	Direct Observation of Percolation in a Manganite Thin Film. Science, 2002, 298, 805-807.	6.0	345
9	Superconductivity in a New Family of Organic Conductors. Physical Review Letters, 1983, 50, 270-273.	2.9	315
10	Critical Phenomena in the Double-Exchange Ferromagnet $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ . Physical Review Letters, 1998, 81, 4740-4743.	2.9	310
11	Direct Measurement of the Temperature-Dependent Magnetic Penetration Depth in Y-Ba-Cu-O Crystals. Physical Review Letters, 1989, 62, 217-220.	2.9	308
12	Giant magnetoresistance in epitaxial $\text{Nd}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ thin films. Applied Physics Letters, 1995, 66, 1427-1429.	1.5	306
13	Tunnelling evidence for predominantly electron-phonon coupling in superconducting $\text{Ba}_{1-x}\text{K}_x\text{BiO}_3$ and $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$ . Nature, 1990, 347, 369-372.	13.7	268
14	Transition-element doping effects in $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ . Physical Review B, 1999, 59, 533-537.	1.1	261
15	Electroresistance and Electronic Phase Separation in Mixed-Valent Manganites. Physical Review Letters, 2001, 86, 5998-6001.	2.9	255
16	Structure and magnetic order in undoped lanthanum manganite. Physical Review B, 1997, 55, 14987-14999.	1.1	253
17	Temperature Dependence of Penetration Depth and Surface Resistance of $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$ . Physical Review Letters, 1993, 70, 85-88.	2.9	241
18	One-Dimensional Spin Diffusion in Polyacetylene, $(\text{CH})_x$ . Physical Review Letters, 1980, 44, 356-359.	2.9	233

#	ARTICLE	IF	CITATIONS
19	Ferromagnetism in laser deposited anatase $\text{Ti}_{1-x}\text{Co}_x\text{O}_2$ films. <i>Physical Review B</i> , 2003, 67, .	1.1	232
20	Anomalous Hall effect in superconductors near their critical temperatures. <i>Physical Review B</i> , 1990, 41, 11630-11633.	1.1	198
21	Anomalous flux-flow Hall effect: $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$ and evidence for vortex dynamics. <i>Physical Review B</i> , 1993, 47, 1064-1068.	1.1	195
22	Fermi surface and electronic structure of $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$ . <i>Physical Review Letters</i> , 1993, 70, 3159-3162.	2.9	188
23	Strain-driven charge-ordered state in $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$ . <i>Physical Review B</i> , 2001, 63, .	1.1	185
24	Observation of a Saddle-Point Singularity in $\text{Bi}_2(\text{Sr}_{0.97}\text{Pr}_{0.03})_2\text{CuO}_6$ and Its Implications for Normal and Superconducting State Properties. <i>Physical Review Letters</i> , 1994, 73, 3298-3301.	2.9	183
25	Charge ordering in the electron-doped superconductor $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$ . <i>Science</i> , 2015, 347, 282-285.	6.0	182
26	Evidence for a Quantum Phase Transition in $\text{Pr}_{2-x}\text{Ce}_x\text{CuO}_4$ from Transport Measurements. <i>Physical Review Letters</i> , 2004, 92, 167001.	2.9	180
27	Tetramethyltetraselenafulvalenium Perchlorate, $(\text{TMTSF})_2\text{ClO}_4$ , in High Magnetic Fields. <i>Physical Review Letters</i> , 1983, 51, 2333-2336.	2.9	179
28	Insulator-Metal Crossover near Optimal Doping in $\text{Pr}_{2-x}\text{Ce}_x\text{CuO}_4$ : Anomalous Normal-State Low Temperature Resistivity. <i>Physical Review Letters</i> , 1998, 81, 4720-4723.	2.9	173
29	Orbital character of states at the Fermi level in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ and $\text{R}_{2-x}\text{Ce}_x\text{CuO}_4$ ( $\text{R}=\text{Nd}, \text{Sm}$ ). <i>Physical Review B</i> , 1993, 47, 3354-3367.	1.1	171
30	Two-phase behavior in strained thin films of hole-doped manganites. <i>Physical Review B</i> , 2000, 61, 9665-9668.	1.1	171
31	Link between spin fluctuations and electron pairing in copper oxide superconductors. <i>Nature</i> , 2011, 476, 73-75.	13.7	171
32	Magnetic Quantum Oscillations in Tetramethyltetraselenafulvalenium Hexafluorophosphate $[(\text{TMTSF})_2\text{PF}_6]$ . <i>Physical Review Letters</i> , 1981, 46, 1296-1299.	2.9	170
33	Optical Exciton-Magnon Absorption in $\text{MnF}_2$ . <i>Physical Review</i> , 1967, 158, 489-510.	2.7	167
34	Breakdown of Fermi-liquid theory in a copper-oxide superconductor. <i>Nature</i> , 2001, 414, 711-715.	13.7	163
35	Anomalous Transport Properties in Superconducting $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$ . <i>Physical Review Letters</i> , 1994, 73, 1291-1294.	2.9	162
36	Spin-polarized quasiparticle injection devices using $\text{Au}/\text{YBa}_2\text{Cu}_3\text{O}_7/\text{LaAlO}_3/\text{Nd}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ heterostructures. <i>Applied Physics Letters</i> , 1997, 71, 1718-1720.	1.5	161

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37	Evidence of $d$ - $s$ -Wave Pairing Symmetry Transition in the Electron-Doped Cuprate Superconductor $\text{Pr}_{2-x}\text{Ce}_x\text{CuO}_4$ . <i>Physical Review Letters</i> , 2002, 88, 207004.	2.9	159
38	Nonmonotonic $\gamma_2$ Superconducting Order Parameter in $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$ . <i>Physical Review Letters</i> , 2002, 88, 107002.	2.9	157
39	Hole concentrations, Hall number, and $T_c$ relationships in substituted $\text{YBa}_2\text{Cu}_3\text{O}_y$ . <i>Physical Review B</i> , 1989, 39, 2914-2917.	1.1	153
40	Resonant Inelastic X-Ray Scattering in $\text{Nd}_2\text{CuO}_4$ . <i>Physical Review Letters</i> , 1998, 80, 4967-4970.	2.9	150
41	Magnetotransport anisotropy effects in epitaxial magnetite ( $\text{Fe}_3\text{O}_4$ ) thin films. <i>Physical Review B</i> , 1998, 57, 7823-7828.	1.1	150
42	Observation of a spin-wave sideband in the optical spectrum of $\text{mfnf}_2$ . <i>Physical Review Letters</i> , 1965, 15, 656-659.	2.9	145
43	Structure and magnetic order in $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ ( $0 < x < 0.33$ ). <i>Physical Review B</i> , 1998, 58, 2684-2691.	1.1	145
44	Disorder-Induced Transition to Entangled Vortex Solid in $\text{Nd-Ce-Cu-O}$ Crystal. <i>Physical Review Letters</i> , 1997, 79, 2542-2545.	2.9	144
45	Electrodynamics of $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$ : Comparison with $\text{Nb}$ and $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ . <i>Physical Review B</i> , 1994, 50, 523-535.	1.1	143
46	Evidence for Nodal Quasiparticles in Electron-Doped Cuprates from Penetration Depth Measurements. <i>Physical Review Letters</i> , 2000, 85, 3700-3703.	2.9	142
47	Pressure Dependence of Superconductivity in an Organic Superconductor bis-Tetramethyltetraselenafulvalene Hexafluorophosphate. <i>Physical Review Letters</i> , 1980, 45, 1587-1590.	2.9	138
48	Influence of preparation on resistivity behavior of epitaxial $\text{Nd}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ and $\text{La}_{0.67}\text{Ba}_{0.33}\text{MnO}_3$ thin films. <i>Applied Physics Letters</i> , 1995, 66, 1689-1691.	1.5	138
49	Effect of crystallinity on the magnetoresistance in perovskite manganese oxide thin films. <i>Applied Physics Letters</i> , 1997, 71, 282-284.	1.5	135
50	Metallic and nonmetallic double perovskites: a case study of $\text{A}_2\text{FeReO}_6$ ( $\text{A} = \text{Ca}, \text{Sr}, \text{Ba}$ ). <i>Physical Review B</i> , 2000, 62, 9538-9542.	1.1	132
51	Flux-flow Hall effect in superconducting $\text{Tl}_2\text{Ba}_2\text{CaCu}_2\text{O}_8$ films. <i>Physical Review B</i> , 1991, 43, 6246-6248.	1.1	131
52	Evidence of apical oxygen in $\text{Nd}_2\text{CuO}_4$ determined by single-crystal neutron diffraction. <i>Physical Review B</i> , 1994, 49, 15322-15326.	1.1	131
53	Observations on the thermopower of the high- $T_c$ superconductors. <i>Physical Review B</i> , 1988, 37, 7963-7966.	1.1	120
54	Low-Temperature Specific Heat of Polysulfur Nitride, $(\text{SN})_x$ . <i>Physical Review Letters</i> , 1975, 34, 89-92.	2.9	115

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55	Positive giant magnetoresistance in a Fe <sub>3</sub> O <sub>4</sub> /SrTiO <sub>3</sub> /La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> heterostructure. Applied Physics Letters, 1998, 73, 689-691.	1.5	115
56	Effects of annealing and strain on La <sub>1-x</sub> CaxMnO <sub>3</sub> thin films: A phase diagram in the ferromagnetic region. Applied Physics Letters, 1999, 75, 1446-1448.	1.5	111
57	Resistivity, thermopower, and susceptibility of RNiO <sub>3</sub> (R=La,Pr). Physical Review B, 1993, 48, 1112-1118.	1.1	110
58	Temperature and field dependence of the phase separation, structure, and magnetic ordering in La <sub>1-x</sub> CaxMnO <sub>3</sub> (x=0.47,0.50, and 0.53). Physical Review B, 2000, 61, 8895-8905.	1.1	110
59	Low-temperature specific heat of La <sub>0.67</sub> Ba <sub>0.33</sub> MnO <sub>3</sub> and La <sub>0.8</sub> Ca <sub>0.2</sub> MnO <sub>3</sub> . Physical Review B, 1996, 54, 14926-14929.	1.1	109
60	Single-crystal neutron-diffraction structures of reduced and oxygenated Nd <sub>2-x</sub> CexCuO <sub>y</sub> . Physical Review B, 1996, 53, 5157-5159.	1.1	106
61	Impurity-Induced Optical Fluorescence in MnF <sub>2</sub> . Physical Review, 1968, 171, 600-610.	2.7	103
62	Three-dimensional collective charge excitations in electron-doped copper oxide superconductors. Nature, 2018, 563, 374-378.	13.7	100
63	Correlation between magnetic homogeneity, oxygen content, and electrical and magnetic properties of perovskite manganite thin films. Applied Physics Letters, 1998, 73, 2672-2674.	1.5	99
64	Magnetism in cobalt-doped Cu <sub>2</sub> O thin films without and with Al, V, or Zn codopants. Applied Physics Letters, 2003, 82, 2100-2102.	1.5	98
65	Unusual Electric Field Effects in Nd <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> . Physical Review Letters, 1996, 77, 1159-1162.	2.9	97
66	Temperature Dependence of the Near-Infrared Optical Properties of Tetrathiofulvalinium Tetracyanoquinodimethane (TTF-TCNQ). Physical Review Letters, 1973, 31, 1311-1314.	2.9	95
67	Anisotropic surface impedance of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> single crystals. Physical Review B, 1995, 51, 3316-3319.	1.1	94
68	Effect of substrate-induced strain on the charge-ordering transition in Nd <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> thin films. Applied Physics Letters, 1999, 75, 397-399.	1.5	94
69	Superconducting MgB <sub>2</sub> thin films by pulsed laser deposition. Applied Physics Letters, 2001, 79, 227-229.	1.5	92
70	Ferromagnetic resonance and magnetic homogeneity in a giant-magnetoresistance material La <sub>2/3</sub> Ba <sub>1/3</sub> MnO <sub>3</sub> . Physical Review B, 1995, 52, 15058-15061.	1.1	91
71	Properties of the ferrimagnetic double perovskites A <sub>2</sub> FeReO <sub>6</sub> (A = Ba and Ca). Journal of Physics Condensed Matter, 2000, 12, 965-973.	0.7	90
72	Effect of radiation damage on the metal-insulator transition and low-temperature transport in the tetramethyltetraselenofulvalinium PF <sub>6</sub> salt [(TMTSF) <sub>2</sub> PF <sub>6</sub> ]. Physical Review B, 1982, 25, 6208-6217.	1.1	87

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73	Flux-flow Nernst effect in epitaxial YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . Physical Review B, 1990, 42, 6777-6780.	1.1	87
74	Measurements of the absolute value of the penetration depth in high-T <sub>c</sub> superconductors using a low-T <sub>c</sub> superconductive coating. Applied Physics Letters, 2000, 77, 4202-4204.	1.5	86
75	Conducting Organic Materials. Science, 1984, 226, 651-656.	6.0	80
76	Magnetic ordering of Sm in Sm <sub>2</sub> CuO <sub>4</sub> . Physical Review Letters, 1992, 68, 2228-2231.	2.9	80
77	Pressure Dependence of the Metal-Insulator Transition in Tetrathiofulvalinium Tetracyanoquinodimethane (TTF-TCNQ). Physical Review Letters, 1973, 31, 1491-1494.	2.9	79
78	Thermomagnetic transport properties of Nd <sub>1.85</sub> Ce <sub>0.15</sub> CuO <sub>4</sub> films: Evidence for two types of charge carriers. Physical Review B, 1997, 56, 14149-14156.	1.1	76
79	Infrared properties of electron-doped cuprates: Tracking normal-state gaps and quantum critical behavior in Pr <sub>2-x</sub> Ce <sub>x</sub> CuO <sub>4</sub> . Europhysics Letters, 2005, 70, 225-231.	0.7	76
80	Structure and Electronic Properties of Polymeric Sulfur Nitride (SN) <sub>x</sub> Modified by Bromine. Physical Review Letters, 1977, 38, 1305-1308.	2.9	75
81	Magnetic-field-induced transition and quantum oscillations in tetramethyltetraselenafulvalenium perchlorate, (TMTSF) <sub>2</sub> ReO <sub>4</sub> . Physical Review Letters, 1986, 56, 667-670.	2.9	75
82	Electronic conduction in : the dependence on the oxygen stoichiometry. Journal of Physics Condensed Matter, 1998, 10, 1323-1338.	0.7	75
83	Improved properties of La <sub>2/3</sub> Ca <sub>1/3</sub> MnO <sub>3</sub> thin films by addition of silver. Applied Physics Letters, 1999, 74, 2857-2859.	1.5	72
84	Some Properties of the (TMTSF) <sub>2</sub> X Superconductors. Molecular Crystals and Liquid Crystals, 1982, 79, 539-553.	0.9	70
85	Optical properties of Nd <sub>1.85</sub> Ce <sub>0.15</sub> CuO <sub>4</sub> . Physical Review B, 1997, 56, 5525-5534.	1.1	66
86	First-order nature of the ferromagnetic phase transition in (La <sub>1-x</sub> Ca <sub>x</sub> )MnO <sub>3</sub> near optimal doping. Physical Review B, 2004, 70, .	1.1	66
87	Spin-polarized transport across a La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> /YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> interface: Role of Andreev bound states. Physical Review B, 2001, 63, .	1.1	65
88	Study of Nonlinear Electric Field Effects in Tetramethyltetraselenafulvalene Hexafluorophosphate [(TMTSF) <sub>2</sub> PF <sub>6</sub> ]. Physical Review Letters, 1980, 45, 1874-1877.	2.9	64
89	Transport and localization in Nd <sub>2-x</sub> Ce <sub>x</sub> CuO <sub>4</sub> crystals at low doping. Physical Review B, 1992, 45, 515-518.	1.1	64
90	Hall effect in cobalt-doped TiO <sub>2</sub> . Physical Review B, 2004, 69, .	1.1	64

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91	Thermoelectric power of $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_4$ crystals. Physical Review B, 1992, 45, 7356-7359.	1.1	60
92	Evolution of superconductivity in electron-doped cuprates: Magneto-Raman spectroscopy. Physical Review B, 2005, 72, .	1.1	59
93	Oxygen dependence of the transport properties of $\text{Nd}_{1.78}\text{Ce}_{0.22}\text{CuO}_{4\pm\delta}$ . Physical Review B, 1996, 53, 871-875.	1.1	58
94	Specific Heat of Granular Aluminum Films. Physical Review B, 1972, 6, 3297-3305.	1.1	56
95	Optical Properties of Polymeric Sulfur Nitride, $(\text{SN})_x$ . Physical Review Letters, 1975, 35, 1743-1746.	2.9	56
96	Thin films of double perovskite $\text{Sr}_2\text{FeMoO}_6$ : Growth, optimization, and study of the physical and magnetotransport properties of films grown on single-crystalline and polycrystalline $\text{SrTiO}_3$ substrates. Journal of Applied Physics, 2003, 93, 1605-1612.	1.1	56
97	Preparation and Properties of $(\text{SN})_x$ . IBM Journal of Research and Development, 1977, 21, 99-110.	3.2	55
98	Magnetic transition and electronic transport in colossal magnetoresistance perovskites. Physical Review B, 1997, 56, 13705-13707.	1.1	55
99	Co-doped $\text{La}_{0.5}\text{Sr}_{0.5}\text{TiO}_3$ : Diluted magnetic oxide system with high Curie temperature. Applied Physics Letters, 2003, 83, 2199-2201.	1.5	55
100	Role of oxygen in the electron-doped superconducting cuprates. Physical Review B, 2006, 73, .	1.1	55
101	In-plane transport properties of single-crystal $\text{R}_{2-x}\text{Ce}_x\text{CuO}_4$ ( $\text{R}=\text{Nd}, \text{Sm}$ ). Physical Review B, 1991, 43, 13606-13609.	1.1	54
102	Transport properties of $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_{4+\delta}$ crystals before and after reduction. Physical Review B, 1993, 47, 8151-8155.	1.1	54
103	Anomalous field-dependent specific heat in charge-ordered $\text{Pr}_{1-x}\text{Ca}_x\text{MnO}_3$ and $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ . Physical Review B, 2000, 62, R6093-R6096.	1.1	54
104	Anomalous magnetoresistance in the spinel superconductor $\text{LiTi}_2\text{O}_4$ . Nature Communications, 2015, 6, 7183.	5.8	54
105	High-Field Hall Resistivity and Magnetoresistance of Electron-Doped $\text{Pr}_{2-x}\text{Ce}_x\text{CuO}_4$ . Physical Review Letters, 2007, 99, 047003.	2.9	53
106	Magnetoresistance and Hall effect in tetramethyl-tetraselenafulvalene-phosphorus hexafluoride $[(\text{TMTSF})_2\text{PF}_6]$ . Physical Review B, 1981, 24, 7155-7161.	1.1	51
107	Hall-effect studies of $\text{Y}_{1-x}\text{Pr}_x\text{Ba}_2\text{Cu}_3\text{O}_7$ crystals. Physical Review B, 1992, 46, 8694-8697.	1.1	51
108	Giant magnetoresistive memory effect in $\text{Nd}_{0.7}\text{Sr}_{0.3}\text{MnO}_z$ films. Applied Physics Letters, 1995, 67, 3031-3033.	1.5	51

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109	Ferromagnetic resonance and intrinsic properties of La <sub>0.67</sub> Ba <sub>0.33</sub> MnO <sub>3</sub> . Journal of Applied Physics, 1996, 79, 5166. Hole superconductivity in the electron-doped superconductor	1.1	51
110	$\text{Pr}_{1-x}\text{Ce}_x\text{CuO}_4$ mathvariant="normal">Pr</mml:mi> <mml:mrow> <mml:msub> <mml:mi> </mml:msub> </mml:mrow> </mml:math> mathvariant="normal">Ce</mml:mi> <mml:mi> x</mml:mi> </mml:msub> </mml:mi> </mml:mrow> </mml:math> mathvariant="normal">Cu</mml:mi> <mml:msub> <mml:mi> </mml:msub> </mml:mi> </mml:mrow> </mml:math> . Physi	1.1	51
111	Giant Magnetoresistance at Microwave Frequencies. Europhysics Letters, 1995, 32, 349-353.	0.7	50
112	Magnetothermal conductivity of La <sub>0.8</sub> Ca <sub>0.2</sub> MnO <sub>3</sub> . Physical Review B, 1997, 55, 15471-15474.	1.1	50
113	Influence of 90 MeV oxygen ion induced disorder on the magnetotransport in epitaxial La <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> thin films. Journal of Applied Physics, 1998, 84, 6255-6261.	1.1	50
114	Oscillatory Exchange Coupling and Giant Positive Magnetoresistance in TiN/Fe <sub>3</sub> O <sub>4</sub> Superlattices. Physical Review Letters, 1999, 83, 1680-1683.	2.9	50
115	Substrate induced strain effects in epitaxial La <sub>0.67</sub> Pr <sub>x</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> thin films. Journal of Applied Physics, 2003, 93, 5507-5513.	1.1	50
116	Transport evidence of a magnetic quantum phase transition in electron-doped high-temperature superconductors. Physical Review B, 2007, 76, .	1.1	49
117	The phase diagram of electron-doped La <sub>2</sub> Ce <sub>x</sub> CuO <sub>4</sub> . Nature Communications, 2015, 6, 6041.	5.8	49
118	Pressure Dependence of Superconductivity and Normal Conductivity in Polymeric Sulfur Nitride, (SN) <sub>x</sub> . Physical Review Letters, 1975, 35, 1732-1735.	2.9	47
119	Concentration range for superconductivity in high-quality Pr <sub>2</sub> Ce <sub>x</sub> CuO <sub>4</sub> thin films. Physical Review B, 1997, 55, R6145-R6148.	1.1	47
120	Origin of the Anomalous Low Temperature Upturn in the Resistivity of the Electron-Doped Cuprate Superconductors. Physical Review Letters, 2005, 94, 057005.	2.9	47
121	Magnetic, structural, and spin dynamical properties of La <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> . Journal of Applied Physics, 1997, 81, 5488-5490.	1.1	46
122	1/f electrical noise in epitaxial thin films of the manganite oxides La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> and Pr <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> . Applied Physics Letters, 1996, 69, 851-853.	1.5	45
123	Ferromagnetism at room temperature in La <sub>0.8</sub> Ca <sub>0.2</sub> MnO <sub>3</sub> thin films. Applied Physics Letters, 1999, 74, 1886-1888.	1.5	43
124	Anomalous saturation of the phase coherence length in underdoped Pr <sub>2</sub> Ce <sub>x</sub> CuO <sub>4</sub> thin films. Physical Review B, 2000, 62, R11993-R11996.	1.1	43
125	Quantum critical scaling at the edge of Fermi liquid stability in a cuprate superconductor. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8440-8444.	3.3	43
126	Spin-orbital ordering and mesoscopic phase separation in the double perovskite Ca <sub>2</sub> FeReO <sub>6</sub> . Physical Review B, 2002, 66, .	1.1	41



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127	Dirty Superconductivity in the Electron-Doped Cuprate $\text{Pr}_{1-x}\text{Ce}_x\text{CuO}_4$ . Tunneling Study. Physical Review Letters, 2007, 99, 147004.	2.9	41
128	Polarization and momentum dependence of a charge-transfer excitation in $\text{Nd}_2\text{CuO}_4$ . Physical Review B, 2000, 61, 1836-1840.	1.1	40
129	Anomalous low-temperature specific heat of charge-ordered $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ . Physical Review B, 1998, 58, R14725-R14728.	1.1	39
130	Gapped tunneling spectra in the normal state of $\text{Pr}_{2-x}\text{Ce}_x\text{CuO}_4$ . Physical Review B, 2001, 64, .	1.1	38
131	Evidence for antiferromagnetic order in $\text{La}_{1-x}\text{Pr}_x\text{CuO}_4$ angular magnetoresistance measurements. Physical Review B, 2009, 80, .	1.1	38
132	Variable-range hopping and positive magnetoresistance in insulating $\text{Y}_1\text{Pr}_x\text{Ba}_2\text{Cu}_3\text{O}_7$ crystals. Physical Review B, 1994, 49, 690-693.	1.1	37
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