

John M Tranquada

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

297
papers

19,570
citations

64
h-index

135
g-index

315
ext. papers

20,975
ext. citations

5
avg, IF

6.34
L-index

#	Paper	IF	Citations
297	John Goodenough and the Many Lives of Transition-Metal Oxides. <i>Journal of the Electrochemical Society</i> , 2022 , 169, 010535	3.9	1
296	Charge density waves in cuprate superconductors beyond the critical doping. <i>Npj Quantum Materials</i> , 2021 , 6,	5	16
295	Charge Condensation and Lattice Coupling Drives Stripe Formation in Nickelates. <i>Physical Review Letters</i> , 2021 , 126, 177601	7.4	4
294	Electronic properties of the bulk and surface states of FeTeSe. <i>Nature Materials</i> , 2021 , 20, 1221-1227	27	3
293	Experimental evidence that zinc impurities pin pair-density-wave order in $\text{La}_{2-x}\text{BaxCuO}_4$. <i>Physical Review B</i> , 2021 , 103,	3.3	5
292	Superconductivity from Charge Order in Cuprates. <i>Journal of the Physical Society of Japan</i> , 2021 , 90, 111002	10.2	1
291	Real Space Imaging of Spin Stripe Domain Fluctuations in a Complex Oxide.. <i>Physical Review Letters</i> , 2021 , 127, 275301	7.4	0
290	Topological Doping and Superconductivity in Cuprates: An Experimental Perspective. <i>Symmetry</i> , 2021 , 13, 2365	2.7	2
289	Scaling behavior of low-temperature orthorhombic domains in the prototypical high-temperature superconductor $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$. <i>Physical Review B</i> , 2020 , 101,	3.3	4
288	The Physics of Pair-Density Waves: Cuprate Superconductors and Beyond. <i>Annual Review of Condensed Matter Physics</i> , 2020 , 11, 231-270	19.7	70
287	Observation of Magnon Polarization. <i>Physical Review Letters</i> , 2020 , 125, 027201	7.4	22
286	Signatures of coupling between spin waves and Dirac fermions in YbMnBi_2 . <i>Physical Review B</i> , 2020 , 101,	3.3	10
285	Cuprate superconductors as viewed through a striped lens. <i>Advances in Physics</i> , 2020 , 69, 437-509	18.4	6
284	Using Uniaxial Stress to Probe the Relationship between Competing Superconducting States in a Cuprate with Spin-stripe Order. <i>Physical Review Letters</i> , 2020 , 125, 097005	7.4	9
283	Gapless spin excitations in superconducting $\text{La}_{2-x}\text{Ca}_{1+x}\text{Cu}_2\text{O}_6$ with T_c up to 55 K. <i>Physical Review B</i> , 2019 , 99,	3.3	1
282	Tuning from failed superconductor to failed insulator with magnetic field. <i>Science Advances</i> , 2019 , 5, eaav7686	14.3	12
281	Disorder raises the critical temperature of a cuprate superconductor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 10691-10697	11.5	12

280	Charge density wave memory in a cuprate superconductor. <i>Nature Communications</i> , 2019 , 10, 1435	17.4	14
279	Magnetism and superconductivity in FeTe Se. <i>Journal of Physics Condensed Matter</i> , 2019 , 32, 374003	1.8	5
278	Magnetic-Field Control of Topological Electronic Response near Room Temperature in Correlated Kagome Magnets. <i>Physical Review Letters</i> , 2019 , 123, 196604	7.4	12
277	Nature and impact of stripe freezing in La _{1.67} Sr _{0.33} NiO ₄ . <i>Physical Review B</i> , 2019 , 100,	3.3	7
276	Large surface conductance and superconductivity in topological insulator microstructures. <i>Applied Physics Letters</i> , 2019 , 115, 173507	3.4	0
275	Evidence for magnetic-field-induced decoupling of superconducting bilayers in La _{2-x} Ca _{1+x} Cu ₂ O ₆ . <i>Physical Review B</i> , 2018 , 97,	3.3	7
274	Electron and hole contributions to normal-state transport in the superconducting system Sn _{1-x} In _x Te. <i>Physical Review B</i> , 2018 , 98,	3.3	8
273	Coexistence of superconductivity and short-range double-stripe spin correlations in Te-vapor annealed FeTe _{1-x} Sex (x _{0.2}). <i>Physical Review B</i> , 2018 , 97,	3.3	6
272	Unusual phonon density of states and response to the superconducting transition in the In-doped topological crystalline insulator Pb _{0.5} Sn _{0.5} Te. <i>Physical Review B</i> , 2018 , 97,	3.3	5
271	Low-energy antiferromagnetic spin fluctuations limit the coherent superconducting gap in cuprates. <i>Physical Review B</i> , 2018 , 98,	3.3	12
270	Giant spin gap and magnon localization in the disordered Heisenberg antiferromagnet Sr ₂ Ir _{1-x} Ru _x O ₄ . <i>Physical Review B</i> , 2017 , 95,	3.3	7
269	Surprising loss of three-dimensionality in low-energy spin correlations on approaching superconductivity in Fe _{1+y} Te _{1-x} Sex. <i>Physical Review B</i> , 2017 , 96,	3.3	4
268	Indium Substitution Effect on the Topological Crystalline Insulator Family (Pb _{1-x} Sn _x) _{1-y} In _y Te: Topological and Superconducting Properties. <i>Crystals</i> , 2017 , 7, 55	2.3	13
267	Polarized neutron scattering on HYSPEC: the HYbrid SPECTrometer at SNS. <i>Journal of Physics: Conference Series</i> , 2017 , 862, 012030	0.3	10
266	Complementary Response of Static Spin-Stripe Order and Superconductivity to Nonmagnetic Impurities in Cuprates. <i>Physical Review Letters</i> , 2017 , 119, 087002	7.4	5
265	Suppression of the antiferromagnetic order when approaching the superconducting state in a phase-separated crystal of K _x Fe _{2-y} Se ₂ . <i>Physical Review B</i> , 2017 , 96,	3.3	2
264	Anomalous nanoclusters, anisotropy, and electronic nematicity in the doped manganite La _{1/3} Ca _{2/3} MnO ₃ . <i>Physical Review B</i> , 2017 , 95,	3.3	4
263	Static charge-density-wave order in the superconducting state of La _{2-x} Ba _x CuO ₄ . <i>Physical Review B</i> , 2017 , 95,	3.3	11

262	Evidence for a Nematic Phase in $\text{La}_{1.75}\text{Sr}_{0.25}\text{NiO}_4$. <i>Physical Review Letters</i> , 2017 , 118, 177601	7.4	10
261	Growth and structural characterization of large superconducting crystals of $\text{La}_{2-x}\text{Ca}_x\text{CuO}_6$. <i>Physical Review Materials</i> , 2017 , 1,	3.2	2
260	Direct observation of electronic-liquid-crystal phase transitions and their microscopic origin in LaCaMnO . <i>Scientific Reports</i> , 2016 , 6, 37624	4.9	8
259	Charge-screening role of c-axis atomic displacements in $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ and related superconductors. <i>Physical Review B</i> , 2016 , 93,	3.3	17
258	Thermal evolution of antiferromagnetic correlations and tetrahedral bond angles in superconducting $\text{FeTe}_{1-x}\text{Se}_x$. <i>Physical Review B</i> , 2016 , 93,	3.3	10
257	Forbidden phonon: Dynamical signature of bond symmetry breaking in the iron chalcogenides. <i>Physical Review B</i> , 2016 , 94,	3.3	5
256	Remarkable Stability of Charge Density Wave Order in $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$. <i>Physical Review Letters</i> , 2016 , 117, 167001	7.4	28
255	Combined single crystal polarized XAFS and XRD at high pressure: probing the interplay between lattice distortions and electronic order at multiple length scales in high T_c cuprates. <i>High Pressure Research</i> , 2016 , 36, 348-359	1.6	3
254	Colloquium: Theory of intertwined orders in high temperature superconductors. <i>Reviews of Modern Physics</i> , 2015 , 87, 457-482	40.5	486
253	Dependence of superconductivity in $\text{Cu}_x\text{Bi}_2\text{Se}_3$ on quenching conditions. <i>Physical Review B</i> , 2015 , 91,	3.3	25
252	Exploring intertwined orders in cuprate superconductors. <i>Physica B: Condensed Matter</i> , 2015 , 460, 136-140	4.0	9
251	Neutron scattering study of spin ordering and stripe pinning in superconducting $\text{La}_{1.93}\text{Sr}_{0.07}\text{CuO}_4$. <i>Physical Review B</i> , 2015 , 92,	3.3	19
250	Surface-state-dominated transport in crystals of the topological crystalline insulator In-doped $\text{Pb}_{1-x}\text{Sn}_x\text{Te}$. <i>Physical Review B</i> , 2015 , 91,	3.3	12
249	Reconciliation of local and long-range tilt correlations in underdoped $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ ($0 \leq x \leq 0.155$). <i>Physical Review B</i> , 2015 , 91,	3.3	25
248	Low-energy phonons and superconductivity in $\text{Sn}_{0.8}\text{In}_{0.2}\text{Te}$. <i>Physical Review B</i> , 2015 , 91,	3.3	4
247	Substitution of Ni for Fe in superconducting $\text{Fe}_{0.98}\text{Te}_{0.5}\text{Se}_{0.5}$ depresses the normal-state conductivity but not the magnetic spectral weight. <i>Physical Review B</i> , 2015 , 91,	3.3	5
246	Imaging Dirac-mass disorder from magnetic dopant atoms in the ferromagnetic topological insulator $\text{Cr}_x(\text{Bi}_{0.1}\text{Sb}_{0.9})_{2-x}\text{Te}_3$. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 1316-21	11.5	147
245	Neutron Scattering and Its Application to Strongly Correlated Systems. <i>Springer Series in Solid-state Sciences</i> , 2015 , 205-235	0.4	3

244	Superconductivity, antiferromagnetism, and neutron scattering. <i>Journal of Magnetism and Magnetic Materials</i> , 2014 , 350, 148-160	2.8	45
243	Low-energy magnetic excitations from the $\text{Fe}_{1+y}\text{Ni}_x(\text{Ni}/\text{Cu})_z\text{Te}_{1-x}\text{Se}_x$ system. <i>Physical Review B</i> , 2014 , 89,	3.3	7
242	Direct observation of dynamic charge stripes in $\text{La}_{2-x}\text{Sr}_x\text{NiO}_4$. <i>Nature Communications</i> , 2014 , 5, 3467	17.4	32
241	Neutron-scattering evidence for a periodically modulated superconducting phase in the underdoped cuprate $\text{La}_{1.905}\text{Ba}_{0.095}\text{CuO}_4$. <i>Physical Review Letters</i> , 2014 , 113, 177002	7.4	18
240	Superconductivity induced by In substitution into the topological crystalline insulator $\text{Pb}_{0.5}\text{Sn}_{0.5}\text{Te}$. <i>Physical Review B</i> , 2014 , 90,	3.3	21
239	Ferro-orbital ordering transition in iron telluride $\text{Fe}_{(1+y)}\text{Te}$. <i>Physical Review Letters</i> , 2014 , 112, 187202	7.4	33
238	Evidence of chiral order in the charge-ordered phase of superconducting $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$ single crystals using polar Kerr-effect measurements. <i>Physical Review Letters</i> , 2014 , 112, 047003	7.4	39
237	Nanoscale coherent intergrowthlike defects in a crystal of $\text{La}_{1.9}\text{Ca}_{1.1}\text{Cu}_2\text{O}_6$ made superconducting by high-pressure oxygen annealing. <i>Physical Review B</i> , 2014 , 90,	3.3	3
236	Spins, stripes, and superconductivity in hole-doped cuprates 2013 ,		38
235	Optimizing the superconducting transition temperature and upper critical field of $\text{Sn}_{1-x}\text{In}_x\text{Te}$. <i>Physical Review B</i> , 2013 , 88,	3.3	60
234	Absolute cross-section normalization of magnetic neutron scattering data. <i>Review of Scientific Instruments</i> , 2013 , 84, 083906	1.7	51
233	Local structure, stripe pinning, and superconductivity in $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$ at high pressure. <i>Physical Review B</i> , 2013 , 88,	3.3	12
232	Energy-dependent crossover from anisotropic to isotropic magnetic dispersion in lightly doped $\text{La}_{1.96}\text{Sr}_{0.04}\text{CuO}_4$. <i>Physical Review B</i> , 2013 , 87,	3.3	7
231	Evolution of superconducting correlations within magnetic-field-decoupled $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ ($x=0.095$). <i>Physical Review B</i> , 2013 , 87,	3.3	20
230	Spin-stripe density varies linearly with the hole content in single-layer $\text{Bi}_{2+x}\text{Sr}_{2-x}\text{CuO}_{6+y}$ cuprate superconductors. <i>Physical Review Letters</i> , 2013 , 110, 017004	7.4	35
229	Enhanced charge stripe order of superconducting $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ in a magnetic field. <i>Physical Review B</i> , 2013 , 87,	3.3	43
228	Evidence for short-range-ordered charge stripes far above the charge-ordering transition in $\text{La}_{1.67}\text{Sr}_{0.33}\text{NiO}_4$. <i>Physical Review Letters</i> , 2013 , 111, 096404	7.4	25
227	Enhanced low-energy magnetic excitations via suppression of the itinerancy in $\text{Fe}_{0.98}\text{Cu}_z\text{Te}_{0.5}\text{Se}_{0.5}$. <i>Physical Review B</i> , 2013 , 88,	3.3	13

226	Stripes and superconductivity in cuprates. <i>Physica B: Condensed Matter</i> , 2012 , 407, 1771-1774	2.8	21
225	Magnetic order tuned by Cu substitution in Fe _{1.1} Zn _{0.9} CuTe. <i>Physical Review B</i> , 2012 , 86,	3.3	13
224	Progress in Neutron Scattering Studies of Spin Excitations in High-T _c Cuprates. <i>Journal of the Physical Society of Japan</i> , 2012 , 81, 011007	1.5	151
223	Physics. Cuprates get orders to charge. <i>Science</i> , 2012 , 337, 811-2	33.3	3
222	Continuous magnetic and structural phase transitions in Fe _{1+y} Te. <i>Physical Review B</i> , 2012 , 85,	3.3	48
221	Transport properties of stripe-ordered high T _c cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2012 , 481, 46-54	1.3	4
220	Temperature-dependent transformation of the magnetic excitation spectrum on approaching superconductivity in Fe(1+y-x)(Ni/Cu)(x)Te(0.5)Se(0.5). <i>Physical Review Letters</i> , 2012 , 109, 227002	7.4	18
219	Impact of dynamic orbital correlations on magnetic excitations in the normal state of iron-based superconductors. <i>Physical Review B</i> , 2012 , 86,	3.3	20
218	Probing the connections between superconductivity, stripe order, and structure in La _{1.905} Ba _{0.095} Cu _{1-x} Zn _x O ₄ . <i>Physical Review B</i> , 2012 , 85,	3.3	18
217	Magneto-optical measurements of a cascade of transitions in superconducting La _{1.875} Ba _{0.125} CuO ₄ single crystals. <i>Physical Review Letters</i> , 2012 , 109, 147001	7.4	43
216	Uniaxial linear resistivity of superconducting La _{1.905} Ba _{0.095} CuO ₄ induced by an external magnetic field. <i>Physical Review B</i> , 2012 , 85,	3.3	26
215	Determination of the optical properties of La _{2-x} Ba _x CuO ₄ for several dopings, including the anomalous x=18 phase. <i>Physical Review B</i> , 2012 , 85,	3.3	36
214	X-ray diffuse scattering study of local distortions in Fe _{1+x} Te induced by excess Fe. <i>Physical Review B</i> , 2011 , 83,	3.3	24
213	Interplay between magnetism and superconductivity in iron-chalcogenide superconductors: crystal growth and characterizations. <i>Reports on Progress in Physics</i> , 2011 , 74, 124503	14.4	86
212	Unconventional temperature enhanced magnetism in Fe _{1.1} Te. <i>Physical Review Letters</i> , 2011 , 107, 216403	7.4	72
211	Zn-Doping Dependence of Stripe Order in La _{1.905} Ba _{0.095} CuO ₄ . <i>Journal of Superconductivity and Novel Magnetism</i> , 2011 , 24, 1229-1233	1.5	6
210	Detailed structure of the low-energy magnetic dispersion of the diagonal incommensurate phase in La _{1.975} Sr _{0.025} CuO ₄ . <i>Physical Review B</i> , 2011 , 84,	3.3	5
209	Effects of charge inhomogeneities on elementary excitations in La _{2-x} Sr _x CuO ₄ . <i>Physical Review B</i> , 2011 , 84,	3.3	8

208	Local-moment magnetism in superconducting FeTe _{0.35} Se _{0.65} as seen via inelastic neutron scattering. <i>Physical Review B</i> , 2011 , 84,	3.3	20
207	Comparison of stripe modulations in La _{1.875} Ba _{0.125} CuO ₄ and La _{1.48} Nd _{0.4} Sr _{0.12} CuO ₄ . <i>Physical Review B</i> , 2011 , 84,	3.3	53
206	Stripe order in superconducting La _{2-x} Ba _x CuO ₄ (0.095 ≤ x ≤ 0.155). <i>Physical Review B</i> , 2011 , 83,	3.3	193
205	Unusual Nernst effect suggesting time-reversal violation in the striped cuprate superconductor La _(2-x) Ba _(x) CuO ₄ . <i>Physical Review Letters</i> , 2011 , 107, 277001	7.4	21
204	Incommensurate Magnetic Excitation in Spin-Glass Phase of Bi2201 Cuprate. <i>Journal of the Physical Society of Japan</i> , 2011 , 80, SB026	1.5	4
203	Investigation of the Spin-Glass Regime between the Antiferromagnetic and Superconducting Phases in Fe _{1+y} Se _x Te _{1-x} . <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 113702	1.5	87
202	Spontaneous symmetry breaking by charge stripes in the high pressure phase of superconducting La _{1.875} Ba _{0.125} CuO ₄ . <i>Physical Review Letters</i> , 2010 , 104, 057004	7.4	64
201	High T _c Materials. <i>Neutron News</i> , 2010 , 21, 30-33	0.4	1
200	Effect of magnetic field on the spin resonance in FeTe _{0.5} Se _{0.5} as seen via inelastic neutron scattering. <i>Physical Review B</i> , 2010 , 81,	3.3	46
199	Magnetic field effect on Fe-induced short-range magnetic correlation and electrical conductivity in Bi _{1.75} Pb _{0.35} Sr _{1.90} Cu _{0.91} Fe _{0.09} O _{6+y} . <i>Physical Review B</i> , 2010 , 82,	3.3	6
198	Interpreting quantum oscillation experiments on underdoped YBa ₂ Cu ₃ O _{6+x} . <i>Physical Review B</i> , 2010 , 81,	3.3	17
197	Possibility of magnetic-field-induced reconstruction of the Fermi surface in underdoped cuprates: Constraints from infrared magneto-optics. <i>Physical Review B</i> , 2010 , 81,	3.3	7
196	Disappearance of static magnetic order and evolution of spin fluctuations in Fe _{1+x} Se _x Te _{1-x} . <i>Physical Review B</i> , 2010 , 82,	3.3	50
195	Coupling of spin and orbital excitations in the iron-based superconductor FeSe _{0.5} Te _{0.5} . <i>Physical Review B</i> , 2010 , 81,	3.3	58
194	Incommensurate spin correlations induced by magnetic Fe ions substituted into overdoped Bi _{1.75} Pb _{0.35} Sr _{1.90} CuO _{6+z} . <i>Physical Review B</i> , 2010 , 81,	3.3	15
193	Short-range incommensurate magnetic order near the superconducting phase boundary in Fe _{1+x} Te _x Se _x . <i>Physical Review B</i> , 2009 , 80,	3.3	60
192	Striped superconductors: how spin, charge and superconducting orders intertwine in the cuprates. <i>New Journal of Physics</i> , 2009 , 11, 115004	2.9	200
191	Testing the itinerancy of spin dynamics in superconducting Bi ₂ Sr ₂ CaCu ₂ O ₈ +δ. <i>Nature Physics</i> , 2009 , 5, 642-646	16.2	87

190	Magnetic dispersion of the diagonal incommensurate phase in lightly doped La _{2-x} Sr _x CuO ₄ . <i>Physical Review Letters</i> , 2008 , 101, 197001	7.4	46
189	Temperature evolution of the magnetic excitations in charge ordered La _{5/3} Sr _{1/3} NiO ₄ . <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 104229	1.8	4
188	Spin susceptibility of underdoped cuprate superconductors: Insights from a stripe-ordered crystal. <i>Physical Review B</i> , 2008 , 78,	3.3	32
187	Magnetic field induced enhancement of spin-order peak intensity in La _{1.875} Ba _{0.125} CuO ₄ . <i>Physical Review B</i> , 2008 , 78,	3.3	23
186	Evidence for unusual superconducting correlations coexisting with stripe order in La _{1.875} Ba _{0.125} CuO ₄ . <i>Physical Review B</i> , 2008 , 78,	3.3	148
185	Temperature dependence of the bond-stretching phonon anomaly in YBa ₂ Cu ₃ O _{6.95} . <i>Physical Review B</i> , 2008 , 78,	3.3	24
184	Large Bi-2212 single crystal growth by the floating-zone technique. <i>Journal of Crystal Growth</i> , 2008 , 310, 1401-1404	1.6	34
183	Coupling of stripes to lattice distortions in cuprates and nickelates. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 170-173	1.3	28
182	Magnetic excitations in overdoped La _{2-x} Sr _x CuO ₄ . <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 166-169	1.3	1
181	Electron-Phonon Anomaly Related to Charge Stripes: Static Stripe Phase Versus Optimally Doped Superconducting La _{1.85} Sr _{0.15} CuO ₄ . <i>Journal of Low Temperature Physics</i> , 2007 , 147, 353-364	1.3	21
180	Two-dimensional superconducting fluctuations in stripe-ordered La _{1.875} Ba _{0.125} CuO ₄ . <i>Physical Review Letters</i> , 2007 , 99, 067001	7.4	237
179	Disappearance of antiferromagnetic spin excitations in overdoped La _{2-x} Sr _x CuO ₄ . <i>Physical Review Letters</i> , 2007 , 98, 247003	7.4	82
178	Dynamical layer decoupling in a stripe-ordered high-T(c) superconductor. <i>Physical Review Letters</i> , 2007 , 99, 127003	7.4	204
177	High-energy magnetic excitations from dynamic stripes in La _{1.875} Ba _{0.125} CuO ₄ . <i>Physical Review B</i> , 2007 , 76,	3.3	34
176	Stripe order and vibrational properties of La ₂ NiO ₄ and La ₂ NiO ₅ : Measurements and ab initio calculations. <i>Physical Review B</i> , 2007 , 75,	3.3	12
175	Neutron Scattering Studies of Antiferromagnetic Correlations in Cuprates 2007 , 257-298		32
174	Magnetic Neutron Scattering in Hole-Doped Cuprate Superconductors. <i>Journal of the Physical Society of Japan</i> , 2006 , 75, 111003	1.5	136
173	Charge order, metallic behavior, and superconductivity in La _{2-x} Ba _x CuO ₄ with x=1/8. <i>Physical Review Letters</i> , 2006 , 96, 257002	7.4	47

172	Unidirectional diagonal order and three-dimensional stacking of charge stripes in orthorhombic Pr _{1.67} Sr _{0.33} NiO ₄ and Nd _{1.67} Sr _{0.33} NiO ₄ . <i>Physical Review B</i> , 2006 , 74,	3.3	28
171	Electron-phonon coupling reflecting dynamic charge inhomogeneity in copper oxide superconductors. <i>Nature</i> , 2006 , 440, 1170-3	50.4	258
170	Universal magnetic excitation spectrum in cuprates. <i>Journal of Physics and Chemistry of Solids</i> , 2006 , 67, 511-515	3.9	12
169	Crystal growth and superconductivity of (La _{1-x} Cax) ₂ CuCu ₂ O ₆ + δ <i>Journal of Physics and Chemistry of Solids</i> , 2006 , 67, 431-434	3.9	9
168	Single-crystal growth and superconductivity of (La _{1-x} Srx) ₂ CuCu ₂ O ₆ + δ <i>Journal of Crystal Growth</i> , 2006 , 287, 318-322	1.6	7
167	Neutron scattering study of phonons in LaCoO ₃ . <i>Physica B: Condensed Matter</i> , 2006 , 378-380, 532-533	2.8	2
166	Stripes and superconductivity in cuprate superconductors 2005 ,		5
165	Charge stripes in cuprate superconductors: The middle way. <i>European Physical Journal Special Topics</i> , 2005 , 131, 67-72		4
164	Phonons and magnons in stripe-ordered nickelates. A Raman scattering study. <i>Low Temperature Physics</i> , 2005 , 31, 154-160	0.7	2
163	Neutron scattering study on La _{1.9} Ca _{1.1} Cu ₂ O ₆ + δ and La _{1.85} Sr _{0.15} Cu ₂ O ₆ + δ <i>Physical Review B</i> , 2005 , 71,	3.3	14
162	Mapping spin-wave dispersions in stripe-ordered La _{2-x} SrxNiO ₄ (x=0.275, 0.333). <i>Physical Review B</i> , 2005 , 72,	3.3	46
161	Inelastic neutron scattering study of phonons and magnetic excitations in LaCoO ₃ . <i>Physical Review B</i> , 2005 , 72,	3.3	33
160	Universal features of charge and spin order in a half-doped layered perovskite. <i>Journal of Applied Physics</i> , 2004 , 95, 7369-7371	2.5	7
159	Stripe order, depinning, and fluctuations in La _{1.875} Ba _{0.125} CuO ₄ and La _{1.875} Ba _{0.075} Sr _{0.050} CuO ₄ . <i>Physical Review B</i> , 2004 , 70,	3.3	239
158	Oxygen phonon branches in YBa ₂ Cu ₃ O ₇ . <i>Physical Review B</i> , 2004 , 69,	3.3	57
157	Dzyaloshinsky-Moriya spin canting in the low-temperature tetragonal phase of La _{2-x} EuySrxCuO ₄ . <i>Physical Review B</i> , 2004 , 70,	3.3	24
156	Quantum magnetic excitations from stripes in copper oxide superconductors. <i>Nature</i> , 2004 , 429, 534-8	50.4	503
155	Interplay of structural and electronic phase separation in single-crystalline La ₂ CuO ₄ . ₀₅ studied by neutron and Raman scattering. <i>Physical Review B</i> , 2004 , 69,	3.3	4

154	Structural properties and charge ordered states in RMnO_3 ($\text{R}=\text{La, Pr, Nd, Ca, Sr}$) and $(\text{La, Sr})_2\text{NiO}_4$. <i>Micron</i> , 2004 , 35, 419-24	2.3	3
153	Neutron scattering study of charge fluctuations and spin fluctuations in optimally doped $\text{YBa}_2\text{Cu}_3\text{O}_{6.95}$. <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 412-414, 70-75	1.3	7
152	Metallic charge stripes in cuprates. <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 408-410, 426-429		2
151	Stripe correlations in $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$. <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 408-410, 451-452	1.3	
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