Rafael Fernandes

List of Publications by Year
in descending order

162 papers	8,826 citations	41344 49 h-index	46799 89 g-index
164 all docs	164 docs citations	164 times ranked	5013 citing authors

#	Article	IF	Citations
1	Enhanced superconductivity and ferroelectric quantum criticality in plastically deformed strontium titanate. Nature Materials, 2022, 21, 54-61.	27.5	41
2	Iron pnictides and chalcogenides: a newÂparadigm for superconductivity. Nature, 2022, 601, 35-44.	27.8	98
3	Degradation of Phonons in Disordered MoirÃ© Superlattices. Physical Review Letters, 2022, 128, 065901.	7.8	15
4	Strain-tunable metamagnetic critical endpoint in Mott insulating rare-earth titanates. Physical Review B, 2022, 105, .	3.2	6
5	MoirÃ© nematic phase in twisted double bilayer graphene. Nature Physics, 2022, 18, 196-202.	16.7	51
6	Uniaxial Strain Control of Bulk Ferromagnetism in Rare-Earth Titanates. Physical Review Letters, 2022, 128, 167201.	7.8	5
7	Phonon-induced rotation of the electronic nematic director in superconducting <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mm Physical Review B, 2022, 105, .	3.2	5
8	Anomalous transport in high-mobility superconducting SrTiO ₃ thin films. Science Advances, 2022, 8, .	10.3	5
9	Multiple magnetic orders in LaFeAs1-xPxO uncover universality of iron-pnictide superconductors. Communications Physics, 2022, 5, .	5.3	5
10	Field-tuned ferroquadrupolar quantum phase transition in the insulator TmVO ₄. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	7
11	Topological and nematic superconductivity mediated by ferro-SU(4) fluctuations in twisted bilayer graphene. Physical Review B, 2021, 103, .	3.2	34
12	Correlation-Induced Insulating Topological Phases at Charge Neutrality in Twisted Bilayer Graphene. Physical Review X, 2021, 11, .	8.9	64
13	Two-fold symmetric superconductivity in few-layer NbSe2. Nature Physics, 2021, 17, 949-954.	16.7	65
14	Nematicity and competing orders in superconducting magic-angle graphene. Science, 2021, 372, 264-271.	12.6	223
15	Electric-field-tunable electronic nematic order in twisted double-bilayer graphene. 2D Materials, 2021, 8, 034005.	4.4	23
16	Strong-coupling expansion of multi-band interacting models: Mapping onto the transverse-field <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e730" altimg="si181.svg"><mml:msub><mml:mrow><mml:mi>J</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></r xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e740" altimg="si182.svg"><mml:msub><mml:mrow><mml:mi>J</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></r Annals of Physics, 2021, 435, 168522.	2.8	2
17	Understanding magnetic phase coexistence in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ru</mml:mi><mml:mn>2</mml:mn></mml: Heusler alloys: A neutron scattering, thermodynamic, and phenomenological analysis. Physical Review Materials, 2021, 5, .	2.4	3
18	Robust gapless superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>4</mml:mn><mml:mi>H</mml:mi><mml:mi>b</mml:mi> Physical Review B, 2021, 103, .	3.2	5

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19	Charge- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>4</mml:mn><mml:mi>e</mml:mi></mml:math> Superconductivity from Multicomponent Nematic Pairing: Application to Twisted Bilayer Graphene. Physical Review Letters, 2021, 127, 047001.	7.8	30
20	Inhomogeneous time-reversal symmetry breaking in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml: Physical Review B, 2021, 104, .	3.2	36
21	Phenomenological model of the third-harmonic magnetic response due to superconducting fluctuations: Application to Sr2RuO4. Physical Review B, 2021, 104, .	3.2	1
22	Fracton-elasticity duality in twisted moirÃ© superlattices. Physical Review B, 2021, 104, .	3.2	9
23	Prediction of double-Weyl points in the iron-based superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ca</mml:mi><mml:mi mathvariant="normal">K</mml:mi><mml:msub><mml:mi>Fe</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi>As< Physical Review B, 2021, 104, .	3.2	5
24	Revealing the competition between charge density wave and superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:msub><mml:mi>CsV</mml:mi><mml:mn>3</mn through uniaxial strain. Physical Review B, 2021, 104, .	3.2	51
25	Theory of the charge density wave in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>A</mml:mi><mml:msub><mml:mi mathvariant="normal">V</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>Sb</mml:mi><mml:mn>5</mml:mn></ kagome metals. Physical Review B, 2021, 104, .	3.2	86
26	Sixfold enhancement of superconductivity in a tunable electronic nematic system. Nature Physics, 2020, 16, 346-350.	16.7	45
27	Evidence for a pressure-induced antiferromagnetic quantum critical point in intermediate-valence UTe ₂. Science Advances, 2020, 6, .	10.3	69
28	Thermodynamic signatures of an antiferromagnetic quantum critical point inside a superconducting dome. Physical Review B, 2020, 102, .	3.2	11
29	Voltage-induced ferromagnetism in a diamagnet. Science Advances, 2020, 6, eabb7721.	10.3	34
30	Nematicity with a twist: Rotational symmetry breaking in a moirÃ© superlattice. Science Advances, 2020, 6, eaba8834.	10.3	65
31	Nature of protected zero-energy states in Penrose quasicrystals. Physical Review B, 2020, 102, .	3.2	13
32	Nematicity and superconductivity: Competition versus cooperation. Physical Review B, 2020, 102, .	3.2	12
33	Modeling Unconventional Superconductivity at the Crossover between Strong and Weak Electronic Interactions. Physical Review Letters, 2020, 125, 247001.	7.8	7
34	Anisotropic superconductivity mediated by ferroelectric fluctuations in cubic systems with spin-orbit coupling. Physical Review B, 2020, 101, .	3.2	25
35	Three-state nematicity in the triangular lattice antiferromagnet Fe1/3NbS2. Nature Materials, 2020, 19, 1062-1067.	27.5	47
36	Quantum phase transition inside the superconducting dome of Ba(Fe_{1âˆ’x}Co_x)₂As₂ from diamond-based optical magnetometry. New Journal of Physics, 2020, 22, 053037.	2.9	13

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37	Crystalline nodal topological superconductivity and Bogolyubov Fermi surfaces in monolayer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>NbSe</mml:mi><mml:mn>2</mml:mn></mml:msub></m Physical Review B, 2020, 101, .	3.2	35
38	Superconductivity in dilute SrTiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1211" altimg="si13.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:math>: A review. Annals of Physics, 2020, 417, 168107.	2.8	89
39	Novel electronic nematicity in heavily hole-doped iron pnictide superconductors. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6424-6429.	7.1	29
40	Nematic Correlation Length in Iron-Based Superconductors Probed by Inelastic X-Ray Scattering. Physical Review Letters, 2020, 124, 157001.	7.8	11
41	Contrasting ferromagnetism in pyrite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>FeS</mml:mi><mml:mn>2</mml:mn></mml:msub></m induced by chemical doping versus electrostatic gating. Physical Review Materials, 2020, 4, .	2.4	7
42	Orbital transmutation and the electronic spectrum of FeSe in the nematic phase. Physical Review Research, 2020, 2, .	3.6	14
43	Laser-induced control of an electronic nematic quantum phase transition. Physical Review Research, 2020, 2, .	3.6	5
44	Phonon dynamics in the Kitaev spin liquid. Physical Review Research, 2020, 2, .	3.6	39
45	Intertwined spin-orbital coupled orders in the iron-based superconductors. Physical Review B, 2019, 100, .	3.2	13
46	Interplay between superconductivity and itinerant magnetism in underdoped Ba1â^'xKxFe2As2 (xâ€‰=â€‰0.2) probed by the response to controlled point-like disorder. Npj Quantum Materials, 2019, 4, .	5.2	15
47	Resistivity near a nematic quantum critical point: Impact of acoustic phonons. Physical Review B, 2019, 100, .	3.2	23
48	Impact of damping on the superconducting gap dynamics induced by intense terahertz pulses. Physical Review B, 2019, 100, .	3.2	11
49	Evolution from B2g Nematics to B1g Nematics in Heavily Hole-Doped Iron-Based Superconductors. Physical Review Letters, 2019, 123, 146402.	7.8	15
50	Enhanced nematic fluctuations near an antiferromagnetic Mott insulator and possible application to high-Tc cuprates. Npj Quantum Materials, 2019, 4, .	5.2	13
51	Intertwined Vestigial Order in Quantum Materials: Nematicity and Beyond. Annual Review of Condensed Matter Physics, 2019, 10, 133-154.	14.5	126
52	Phonon-mediated superconductivity in low carrier-density systems. Physical Review B, 2019, 99, .	3.2	27
53	Enhanced Hybridization Sets the Stage for Electronic Nematicity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>CeRhIn</mml:mi></mml:mrow><mml:mrow><mml:mn>5</mml:mr Physical Review Letters, 2019, 122, 016402.	7.8	19
54	Low-temperature specific heat of doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>SrTi</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> : Doping dependence of the effective mass and Kadowaki-Woods scaling violation. Physical Review Materials, 2019, 3, .	2.4	19

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55	Nonlinear uniaxial pressure dependence of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:ma in iron-based superconductors. Physical Review Research, 2019, 1, .	3.6	4
56	Orbital loop currents in iron-based superconductors. Physical Review B, 2018, 97, .	3.2	7
57	Hedgehog spin-vortex crystal stabilized in a hole-doped iron-based superconductor. Npj Quantum Materials, 2018, 3, .	5.2	85
58	Controlling competing orders via nonequilibrium acoustic phonons: Emergence of anisotropic effective electronic temperature. Physical Review B, 2018, 97, .	3.2	12
59	Uniaxial strain control of spin-polarization in multicomponent nematic order of BaFe2As2. Nature Communications, 2018, 9, 1058.	12.8	41
60	Superconductivity at an antiferromagnetic quantum critical point: Role of energy fluctuations. Physical Review B, 2018, 98, .	3.2	4
61	Correlations and electronic order in a two-orbital honeycomb lattice model for twisted bilayer graphene. Physical Review B, 2018, 98, .	3.2	132
62	Impact of disorder on the superconducting transition temperature near a Lifshitz transition. Physical Review B, 2018, 98, .	3.2	10
63	Unconventional Multiband Superconductivity in Bulk <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>SrTiO</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>LaAlO</mml:mi></mml:mrow><mml:mrow><mml:mn Physical Review Letters, 2018, 121, 127002.	7.8	38
64	Superconductivity in FeSe: The Role of Nematic Order. Physical Review Letters, 2018, 120, 267001.	7.8	43
65	Magnetic phase diagram of the iron pnictides in the presence of spin-orbit coupling: Frustration between <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>C</mml:mi><mml:mn>2</mml:mn></mml:msub></mml and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>C</mml:mi><mml:mn>4</mml:mn></mml:msub></mml magnetic phases. Physical Review B, 2018, 98, .	3.2	13
66	Emergent Magnetic Degeneracy in Iron Pnictides due to the Interplay between Spin-Orbit Coupling and Quantum Fluctuations. Physical Review Letters, 2018, 121, 057001.	7.8	19
67	Soft phonons reveal the nematic correlation length in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ba</mml:mi><mml:msub><mml:mrow><mml:mo>(</m Physical Review B, 2018, 98, .	3.2	12
68	Smeared nematic quantum phase transitions due to rare-region effects in inhomogeneous systems. Physical Review B, 2018, 98, .	3.2	6
69	Time-reversal symmetry-breaking nematic superconductivity in FeSe. Physical Review B, 2018, 98, .	3.2	18
70	Magnetic tricritical point and nematicity in FeSe under pressure. Physical Review B, 2018, 97, .	3.2	13
71	Fragility of Charge Order Near an Antiferromagnetic Quantum Critical Point. Physical Review Letters, 2018, 120, 247002.	7.8	20
72	Disentangling superconducting and magnetic orders in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>NaFe</mml:mi><mml:mrow><mml:mn>1</m using muon spin rotation. Physical Review B, 2018, 97, .	3.2	8

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73	Giant electrostatic modification of magnetism via electrolyte-gate-induced cluster percolation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">L</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>âˆ’</mml:mo><mml:mi>x</mml:mi></mml:mrow> mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi>Co</mml:mi><mml:msub><mml:mi	2.4	23
74	Scanning tunnelling spectroscopy as a probe of multi-Q magnetic states of itinerant magnets. Nature Communications, 2017, 8, 14317.	12.8	7
75	Competing magnetic orders in the superconducting state of heavy-fermion CeRhIn ₅. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5384-5388.	7.1	14
76	Percolation via Combined Electrostatic and Chemical Doping in Complex Oxide Films. Physical Review Letters, 2017, 118, 106801.	7.8	3
77	Superconductivity mediated by quantum critical antiferromagnetic fluctuations: The rise and fall of hot spots. Physical Review B, 2017, 95, .	3.2	35
78	Double-stage nematic bond ordering above double stripe magnetism: Application to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaTi</mml:mi><mml:mn>2</mml:mn></mm mathvariant="normal">O</mml:mi></mml:mrow></mml:math>. Physical Review B, 2017, 95, .	3.2	20
79	Transverse fields to tune an Ising-nematic quantum phase transition. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13430-13434.	7.1	24
80	Low-energy microscopic models for iron-based superconductors: a review. Reports on Progress in Physics, 2017, 80, 014503.	20.1	114
81	Local nematic susceptibility in stressed <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></m from NMR electric field gradient measurements. Physical Review B, 2017, 96, .	3.2	13
82	Induced spin-triplet pairing in the coexistence state of antiferromagnetism and singlet superconductivity: Collective modes and microscopic properties. Physical Review B, 2017, 96, .	3.2	13
83	Nematic Order and Fluctuations in Iron-Based Superconductors. Springer Series in Solid-state Sciences, 2017, , 53-114.	0.3	0
84	Displacement and annihilation of Dirac gap nodes in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>d</mml:mi></mml:math> -wave iron-based superconductors. Physical Review B, 2016, 94, .	3.2	15
85	NMR study of nematic spin fluctuations in a detwinned single crystal of underdoped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ba</mml:mi><mml:msub><mml:mrow><mml:mo>(</m Physical Review B, 2016, 94, .	3.2	14
86	Spin anisotropy due to spin-orbit coupling in optimally hole-doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mrow><mml:mn>0.67</ mathvariant="normal">K</mml:mi><mml:mrow><mml:mn>0.33</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi>Fe</mml: Physical Review B, 2016, 94, .	3.2	17
87	Magnetism, Superconductivity, and Spontaneous Orbital Order in Iron-Based Superconductors: Which Comes First and Why?. Physical Review X, 2016, 6, .	8.9	113
88	Origin of DC and AC conductivity anisotropy in iron-based superconductors: Scattering rate versus spectral weight effects. Physical Review B, 2016, 94, .	3.2	12
89	Origin of the Resistivity Anisotropy in the Nematic Phase of FeSe. Physical Review Letters, 2016, 117, 127001.	7.8	93
90	Spin-driven nematic instability of the multiorbital Hubbard model: Application to iron-based superconductors. Physical Review B, 2016, 93, .	3.2	29

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91	Effect of interlayer coupling on the coexistence of antiferromagnetism and superconductivity in Fe pnictide superconductors: A study of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">Ca</mml:mi></mml:mrow><mml:mrow><mml:mn>0.74</mml:mn><mml:mo>(</mml:mo><mml:mn>1</mml:m		

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109	Competition between superconductivity and magnetic/nematic order as a source of anisotropic superconducting gap in underdoped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Ba</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>âˆ’</mml:mo><mml:mi>x</mml:mi></mml:mrow> xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:math><mml:math xmlns:mml	3.2	23
110	Impact of local-moment fluctuations on the magnetic degeneracy of iron arsenide superconductors. Physical Review B, 2014, 89, .	3.2	18
111	Distinguishing spin-orbit coupling and nematic order in the electronic spectrum of iron-based superconductors. Physical Review B, 2014, 90, .	3.2	55
112	Crossover from spin waves to diffusive spin excitations in underdoped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Ba</mml:mi><mml:mo>(</mml:mo><mml:msub><mml:mi>Fe</mml:m Physical Review B, 2014, 89, .	3.2	15
113	Theory of the evolution of magnetic order in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>1</mm with increasing interstitial iron. Physical Review B, 2014, 90, .	3.2	24
114	Ultrafast observation of critical nematic fluctuations and giant magnetoelastic coupling in iron pnictides. Nature Communications, 2014, 5, 3229.	12.8	64
115	Visualization of electron nematicity and unidirectional antiferroic fluctuations at high temperatures in NaFeAs. Nature Physics, 2014, 10, 225-232.	16.7	158
116	What drives nematic order in iron-basedÂsuperconductors?. Nature Physics, 2014, 10, 97-104.	16.7	916
117	Manipulation of Gap Nodes by Uniaxial Strain in Iron-Based Superconductors. Physical Review Letters, 2014, 113, 217001.	7.8	31
118	Time-Reversal Symmetry Breaking Superconductivity in the Coexistence Phase with Magnetism in Fe Pnictides. Physical Review Letters, 2014, 113, 167001.	7.8	25
119	Visualizing the charge density wave transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mn>2</mml:mn><mml:mi>H</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>NbSe</mml:mtext><mml:mn>2</mml:mn></mml:msu real space. Physical Review B, 2014, 89, .	3.2	136
120	Pressure effects on magnetic pair-breaking in Mn- and Eu-substituted BaFe2As2. Journal of Applied Physics, 2014, 115, 17D702.	2.5	4
121	Raman Scattering as a Probe of Charge Nematic Fluctuations in Iron Based Superconductors. , 2014, , .		5
122	Possible unconventional superconductivity in substituted BaFe2As2 revealed by magnetic pair-breaking studies. Scientific Reports, 2014, 4, 6252.	3.3	14
123	How Many Quantum Phase Transitions Exist Inside the Superconducting Dome of the Iron Pnictides?. Physical Review Letters, 2013, 111, 057001.	7.8	37
124	Scaling between Magnetic and Lattice Fluctuations in Iron Pnictide Superconductors. Physical Review Letters, 2013, 111, 137001.	7.8	77
125	Observation of Incipient Charge Nematicity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ba</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>Fe</mml:mi><mml:msub><mml:mrow) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Td (/><	7.8	156
126	Two-band superconductivity in doped SrTiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>films and interfaces. Physical Review B, 2013, 87, .	3.2	55

#	ARTICLE	IF	CITATIONS
127	[illegible] uniaxial stress effects on the structural and electronic properties of BaFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>and CaFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	3.2	26
128	Sign-reversal of the in-plane resistivity anisotropy in hole-doped iron pnictides. Nature Communications, 2013, 4, 1914.	12.8	100
129	Nematicity as a Probe of Superconducting Pairing in Iron-Based Superconductors. Physical Review Letters, 2013, 111, 127001.	7.8	108
130	Suppression of Superconductivity by NÃ©el-Type Magnetic Fluctuations in the Iron Pnictides. Physical Review Letters, 2013, 110, 117004.	7.8	52
131	Electronic Transport in the Coulomb Phase of the Pyrochlore Spin Ice. Physical Review Letters, 2013, 110, 146602.	7.8	23
132	Broken translational symmetry in an emergent paramagnetic phase of graphene. Physical Review B, 2012, 86, .	3.2	20
133	Gap nodes induced by coexistence with antiferromagnetism in iron-based superconductors. Physical Review B, 2012, 85, .	3.2	37
134	Effect of tensile stress on the in-plane resistivity anisotropy in BaFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 85, .	3.2	51
135	[illegible]	3.2	29
136	Magnetoelastically coupled structural, magnetic, and superconducting order parameters in BaFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

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145	Anisotropic In-Plane Resistivity in the Nematic Phase of the Iron Pnictides. Physical Review Letters, 2011, 107, 217002.	7.8	119
146	Evidence for a Lifshitz transition in electron-doped iron arsenic superconductors at the onset of superconductivity. Nature Physics, 2010, 6, 419-423.	16.7	237
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