Cedomir Petrovic

List of Publications by Year in descending order

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303 papers	12,732 citations	29994 54 h-index	30010 103 g-index
311 all docs	311 docs citations	311 times ranked	7555 citing authors

#	Article	IF	Citations
1	Thermal transport and mixed valence in ZrTe3 doped with Hf and Se. Applied Physics Letters, 2022, 120, .	1.5	4
2	Electrical and thermal transport in van der Waals magnets 2Hâ^'MxTaS2Â(M=Mn,ÂCo). Physical Review Research, 2022, 4, .	1.3	5
3	Thermoelectricity and electronic correlation enhancement in FeS by light Se doping. Physical Review B, 2022, 105, .	1.1	3
4	Polaronic Conductivity in Cr₂Ge₂Te₆ Single Crystals. Advanced Functional Materials, 2022, 32, .	7.8	7
5	Cascade of Spin-State Transitions in the Intermetallic Marcasite FeP₂. Chemistry of Materials, 2022, 34, 2025-2033.	3.2	3
6	Possible unconventional pairing in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:mi>Ca</mml:mi> superconductors reveal. Physical Review B, 2022, 105, .	1.1	6
7	Subphases in the superconducting state of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>CeIrIn</mml:mi></mml:mrow><mml:mn> revealed by low-temperature <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>c</mml:mi></mml:math> -axis heat transport. Physical Review Research, 2022, 4, .	1.3	0
8	The Magnetic Genome of Two-Dimensional van der Waals Materials. ACS Nano, 2022, 16, 6960-7079.	7.3	149
9	Anomalous Hall effect in the weak-itinerant ferrimagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>FeCr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mn></mml:mn></mml:mrow></mml:math> Physical Review B, 2021, 103, .	1.1	10
10	Vacancy defect control of colossal thermopower in FeSb2. Npj Quantum Materials, 2021, 6, .	1.8	13
11	Three-dimensional ferromagnetism and magnetotransport in van der Waals Mn-intercalated tantalum disufide. Physical Review B, 2021, 103, .	1.1	12
12	Synthesis and Characterization of Ultrathin FeTe₂ Nanocrystals. ACS Omega, 2021, 6, 10537-10546.	1.6	9
13	Suppression of thermal conductivity and electronic correlations in Fe1â^'xRuxSb2 (0) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	3
14	Ingredients for enhanced thermoelectric power at cryotemperatures in the correlated semiconductor CoSbS revealed by its optical response. Physical Review B, 2021, 103, .	1.1	1
15	Electronic properties of the bulk and surface states of Fe1+yTe1â^'xSex. Nature Materials, 2021, 20, 1221-1227.	13.3	34
16	Surface oxidation in a van der Waals ferromagnet Fe3-xGeTe2. Current Applied Physics, 2021, 30, 40-45.	1.1	8
17	Polaronic transport and thermoelectricity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Mn</mml:mi></mml:mrow><mml:mn>3</mml:mn> single crystals. Physical Review B, 2021, 103, .	1.1	16
18	Coexistence and Coupling of Multiple Charge Orderings and Spin States in Hexagonal Ferrite. Nano Letters, 2021, 21, 5782-5787.	4.5	2

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19	Probing charge density wave phases and the Mott transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>1</mml:mn><mml:mi>T</mml:mi></mml:mrow> by inelastic light scattering. Physical Review B, 2021, 103, .	1.1	10
20	Optimal carrier concentration for FeSb2 colossal thermopower. Applied Physics Letters, 2021, 118, 233901.	1.5	4
21	Magnetic critical behavior and anomalous Hall effect in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>2H</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub><mml:mrow> single crystals. Physical Review Research, 2021, 3, .	1.3	11
22	Critical phenomena of the layered ferrimagnet Mn3Si2Te6 following proton irradiation. Journal of Applied Physics, 2021, 130, .	1.1	8
23	Evidence for correlation effects in noncentrosymmetric type-II Weyl semimetals. Physical Review B, 2021, 104, .	1.1	5
24	Impacts of pressure to the structural, electronic and magnetic properties of Dirac semimetal EuMnBi2. Physical Review Research, 2021, 3, .	1.3	5
25	On single-crystal total scattering data reduction and correction protocols for analysis in direct space. Acta Crystallographica Section A: Foundations and Advances, 2021, 77, 611-636.	0.0	5
26	Photoinduced anisotropic lattice dynamic response and domain formation in thermoelectric SnSe. Npj Quantum Materials, 2021, 6, .	1.8	6
27	Absence of long-range magnetic order in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>Î´</mml:mi></mml:mrow><mml:mi mathvariant="normal">Te</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> (<mml:math) Tj ETQq1 1 0.784314 rgBT /Over	1.1	3
28	Controlling the Magnetic Anisotropy of the van der Waals Ferromagnet Fe₃GeTe₂ through Hole Doping. Nano Letters, 2020, 20, 95-100.	4.5	118
29	Valence band electronic structure of the van der Waals ferromagnetic insulators: VI$$_3$$ and CrI$$_3$$. Scientific Reports, 2020, 10, 15602.	1.6	20
30	Roomâ€Temperature Skyrmion Thermopower in Fe₃Sn₂. Advanced Quantum Technologies, 2020, 3, 2000058.	1.8	12
31	Homochiral Skyrmionic Bubbles in Exfoliated 2D Van Der Waals Cr2Ge2Te6. Microscopy and Microanalysis, 2020, 26, 2138-2140.	0.2	0
32	Anisotropic magnetocaloric effect and critical behavior in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>CrCl</mml:mi></mml:mrow><mml:mn>3</mml:mn> Physical Review B, 2020, 102, .	1.1	12
33	Anisotropic magnetocaloric effect and critical behavior in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CrSbSe</mml:mi><mml:mn>3</mml:mn></mml:msub> Physical Review B, 2020, 102, .	1.1	4
34	Vacancies and spinâ€“phonon coupling in CrSi_{0.8}Ge_{0.1}Te₃. Journal of Raman Spectroscopy, 2020, 51, 2153-2160.	1.2	3
35	Short-Range Order in VI₃. Inorganic Chemistry, 2020, 59, 16265-16271.	1.9	2
36	Three-dimensional Ising ferrimagnetism of Cr-Fe-Cr trimers in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">Fe</mml:mi><mml:msub><mml:mi mathvariant="normal">Cr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Te</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2020, 102, .	1.1	8

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37	Band gap crossover and insulatorâ€“metal transition in the compressed layered CrPS4. Npj Quantum Materials, 2020, 5, .	1.8	23
38	High Fermi velocities and small cyclotron masses in LaAlGe. Applied Physics Letters, 2020, 117, .	1.5	8
39	Nonequilibrium Electron and Lattice Dynamics of Strongly Correlated Quantum Materials. Microscopy and Microanalysis, 2020, 26, 210-211.	0.2	1
40	Three-dimensional Fermi surface and small effective masses in Mo8Ga41. Applied Physics Letters, 2020, 116, 202601.	1.5	6
41	The electric pulses induced multi-resistance states in the hysteresis temperature range of 1T-TaS2 and 1T-TaS1.6Se0.4. Applied Physics Letters, 2020, 116, .	1.5	12
42	Enhanced magnetization in proton irradiated Mn3Si2Te6 van der Waals crystals. Applied Physics Letters, 2020, 116, .	1.5	13
43	Spin-Canting-Induced Band Reconstruction in the Dirac Material Ca1â^'xNaxMnBi2. Physical Review Letters, 2020, 124, 137201.	2.9	11
44	Crystal size effects on giant thermopower in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CrSb</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> Physical Review B, 2020, 101, .	1.1	7
45	Signatures of coupling between spin waves and Dirac fermions in YbMnBi2. Physical Review B, 2020, 101, .	1.1	16
46	Superconducting pairing mechanism in CeCoIn5 revisited. Physical Review B, 2020, 102, .	1.1	1
47	Critical behavior and magnetocaloric effect in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>VI</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> Physical Review Research, 2020, 2, .	1.3	25
48	Correlated electronic structure of colossal thermopower FeSb2 : An ARPES and ab initio study. Physical Review Research, 2020, 2, .	1.3	11
49	Magnetic mixed valent semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>EuZnSb</mml:mi></mml:mrow></mml:math> with Dirac states in the band structure. Physical Review Research, 2020, 2, .	1.3	19
50	Surface conductivity in antiferromagnetic semiconductor CrSb2. Physical Review Research, 2020, 2, .	1.3	1
51	Low-Temperature Thermopower in CoSbS. Physical Review Letters, 2019, 123, 076602.	2.9	16
52	Room temperature local nematicity in FeSe superconductor. Physical Review B, 2019, 100, .	1.1	25
53	Fermi surface gapping in the Dirac material <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ca</mml:mi><mml:mrow></mml:math> Physical Review B, 2019, 100, .	1.1	8
54	Magnetic-Field Control of Topological Electronic Response near Room Temperature in Correlated Kagome Magnets. Physical Review Letters, 2019, 123, 196604.	2.9	20

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55	Topological Magnetic-Spin Textures in Two-Dimensional van der Waals Cr₂Ge₂Te₆. Nano Letters, 2019, 19, 7859-7865.	4.5	116
56	Local orbital degeneracy lifting as a precursor to an orbital-selective Peierls transition. Nature Communications, 2019, 10, 3638.	5.8	42
57	Thickness-dependent magnetic order in CrI3 single crystals. Scientific Reports, 2019, 9, 13599.	1.6	47
58	Correlated disorder-to-order crossover in the local structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mi mathvariant="normal">S</mml:mi><mml:mi>z</mml:mi></mm. Physical Review B, 2019, 100, .	1.1	6
59	Anisotropic magnetocaloric effect in Fe3â^'xGeTe2. Scientific Reports, 2019, 9, 13233.	1.6	22
60	Lattice dynamics and phase transitions 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>3</mml:mn></mm Physical Review B, 2019, 99, .	1.1	19
61	Photoinduced dynamics of nematic order parameter in FeSe. Physical Review B, 2019, 99, .	1.1	14
62	Chasing the Optical Fingerprints of the Weyl Semimetal YbMnBi₂ and its Conventional Gapped Semimetal Counterpart EuMnBi₂. Solid State Phenomena, 2019, 289, 134-140.	0.3	2
63	Negative differential resistance and quantum oscillations in FeSb ₂ with embedded antimony. Chinese Physics B, 2019, 28, 037104.	0.7	1
64	Phonon anomalies and magnetic excitations in <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></mm mathvariant="normal">O</mml:mi></mml:mrow></mml:math>. Physical Review B, 2019, 99, .	1.1	4
65	Relaxing Kondo-screened Kramers doublets in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>CeRhSi</mml:mi><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2019, 99, .	1.1	8
66	Intertwined Magnetic and Nematic Orders in Semiconducting <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>KFe</mml:mi></mml:mrow><mml:mrow><mml:mn>0.8</mml:mn></ Physical Review Letters, 2019, 122, 087201.	2.9	13
67	Fe_{0.36(4)}Pd_{0.64(4)}Se₂: Magnetic Spin-Glass Polymorph of FeSe₂ and PdSe₂ Stable at Ambient Pressure. Inorganic Chemistry, 2019, 58, 3107-3114.	1.9	4
68	X-ray Assisted Scanning Tunneling Microscopy and Its Applications for Materials Science: The First Results on Cu Doped ZrTe3. Crystals, 2019, 9, 588.	1.0	4
69	Magnetic anisotropy and entropy change in trigonal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Cr</mml:mi><mml:mn>5</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Te</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:math>. Physical Review B,	1.1	20
70	Disorder Quenching of the Charge Density Wave in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>ZrTe</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></ Physical Review Letters, 2019, 122, 017601.	2.9	21
71	Observation of multiple metastable states induced by electric pulses in the hysteresis temperature range of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>1</mml:mn><mml:mi>T</mml:mi><mml:mo>â^' Physical Review B, 2019, 99,	1.1	7
72	Anisotropic magnetic entropy change in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cr</mml:mi><mml:mn>2</mml:mn></mml:m width="4pt" /><mml:mo>(</mml:mo><mml:mrow><mml:mi>X</mml:mi><mml:mo>=</mml:mo><mml:mtext>Si</mml:mtext><mml:mspace) Tj ETQ Physical Review Materials, 2019, 3, .	0.9	53

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73	Local corrugation and persistent charge density wave in ZrTe3 with Ni intercalation. Physical Review B, 2018, 97, .	1.1	16
74	Anomalous Hall effect in the van der Waals bonded ferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review B, 2018, 97, .	1.1	48
75	Thermoelectricity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">Fe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="bold">Co</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi mathvariant="bold">Sb</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>		

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91	Unusual electronic and vibrational properties in the colossal thermopower material FeSb2. Scientific Reports, 2018, 8, 11692.	1.6	13
92	Fermi surface reconstruction and dimensional topology change in Nd-doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeCoIn</mml:mi><mml:mn>5</mml:mn></mml:msub></ Physical Review B, 2018, 98, .	1.1	4
93	Critical behavior and magnetocaloric effect in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Mn</mml:mi><mml:mn>3</mml:mn></ Physical Review B, 2018, 98, .	1.1	27
94	Vortex pinning and irreversibility fields in FeS1â€“xSex (x = 0, 0.06). Applied Physics Letters, 2017, 110, .	1.5	13
95	Superconducting order from disorder in 2H-TaSe 2â^' x S x. Npj Quantum Materials, 2017, 2, .	1.8	73
96	Critical behavior of the quasi-two-dimensional weak itinerant ferromagnet trigonal chromium telluride <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cr</mml:mi><mml:mrow><mml:mn>0.62</ Physical Review B, 2017, 96, .	1.1	38
97	Large magnetoresistance in the type-II Weyl semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>WP</mml:mi><mml:mn>2</mml:mn></mml:msub></ Physical Review B, 2017, 96, .	1.1	48
98	Critical behavior of quasi-two-dimensional semiconducting ferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cr</mml:mi><mml:mn>2</mml:mn></ Physical Review B, 2017, 96, .	1.1	86
99	Small influence of magnetic ordering on lattice dynamics in TaFe1.25Te3. Physical Review B, 2017, 96, .	1.1	3
100	Critical behavior of the van der Waals bonded ferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>3</mml:mn></ Physical Review B, 2017, 96, .	1.1	68
101	Magnetotransport properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>MoP</mml:mi><mml:mn>2</mml:mn></ Physical Review B, 2017, 96, .	1.1	28
102	Normal state above the upper critical field 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</mml:mn></ Review B, 2017, 95, .	1.1	2
103	The evidence of bound solitons delocalization in o-TaS3 under dc bias from sum rule. Physica B: Condensed Matter, 2017, 520, 148-151.	1.3	0
104	Interplay of magnetism and superconductivity in the compressed Fe-ladder compound <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></ Physical Review B, 2017, 95, .	1.1	74
105	Polarized neutron scattering on HYSPEC: the HYbrid SPECtrometer at SNS. Journal of Physics: Conference Series, 2017, 862, 012030.	0.3	23
106	Superconductivity and Charge Density Wave in ZrTe3â^'xSex. Scientific Reports, 2016, 6, 26974.	1.6	47
107	Field-induced dielectric response saturation ino-TaS₃. Journal of Physics Condensed Matter, 2016, 28, 395901.	0.7	3
108	Fanoq-reversal in topological insulator Bi₂Se₃. Journal of Physics Condensed Matter, 2016, 28, 165602.	0.7	7

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109	Electrodynamic response of the type-II Weyl semimetal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YbMnBi</mml:mi><mml:mn>2</mml:mn></mml:msub></ Physical Review B, 2016, 94, .	1.1	55
110	Point-contact Andreev reflection spectroscopy on Bi₂Se₃ single crystals. International Journal of Modern Physics B, 2016, 30, 1642002.	1.0	2
111	Critical current density and vortex pinning in tetragonalFeS1â^'xSex(x=0,0.06). Physical Review B, 2016, 94, .	1.1	18
112	Raman spectroscopy of K_xCo_{2â^'y}Se₂single crystals near the ferromagnetâ€“paramagnet transition. Journal of Physics Condensed Matter, 2016, 28, 485401.	0.7	4
113	Interlayer electronic transport in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CaMnBi</mml:mi><mml:mn>2</mml:mn></mml:msub></ Physical Review B, 2016, 94, .	1.1	10
114	Heat transport study of field-tuned quantum criticality inCeIrIn5. Physical Review B, 2016, 93, .	1.1	4
115	Observation of Dirac-like band dispersion in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>LaAgSb</mml:mi><mml:mn>2</mml:mn></mml:msub></ Physical Review B, 2016, 93, .	1.1	31
116	Electron-hole asymmetry, Dirac fermions, and quantum magnetoresistance in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>BaMnBi</mml:mi><mml:mn>2</mml:mn></mml:msub></ Physical Review B, 2016, 93, .	1.1	59
117	Quantum Critical Quasiparticle Scattering within the Superconducting State of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>CeCoIn</mml:mi></mml:mrow><mml:mrow><mml:mn>5</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review Letters, 2016, 117, 016601.	2.9	7
118	Universal heat conduction inCe1â^'xYbxCoIn5: Evidence for robust nodald-wave superconducting gap. Physical Review B, 2016, 93, .	1.1	7
119	Charge density wave modulation and gap measurements in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeTe</mml:mi><mml:mn>3</mml:mn></mml:msub></ Physical Review B, 2016, 94, .	1.1	8
120	Magnetotransport study of Dirac fermions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YbMnBi</mml:mi><mml:mn>2</mml:mn></mml:msub></ Physical Review B, 2016, 94, .	1.1	78
121	Multiband nodeless superconductivity near the charge-density-wave quantum critical point in ZrTe _{3â^' x} Se _x. Chinese Physics B, 2016, 25, 077403.	0.7	2
122	Multiband electronic transport inÎ±-Yb_{1â^'x}Sr_xAlB₄[xâ€‰â€‰=â€‰â€‰0, 0.19(3)] single crystals. Journal of Physics Condensed Matter, 2016, 28, 425602.	0.7	0
123	Evidence of superconductivity-induced phonon spectra renormalization in alkali-doped iron selenides. Journal of Physics Condensed Matter, 2015, 27, 485701.	0.7	5
124	Electronic structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ce</mml:mi><mml:mn>2</mml:mn></mml:msub></ A two-dimensional heavy-fermion system studied by angle-resolved photoemission spectroscopy. Physical Review B, 2015, 91, .	1.1	9
125	Physical Review B, 2015, 91, . <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">KFe</mml:mi><mml:mrow><mml:mn>1.05</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">Ag</mml:mi><mml:mrow><mml:mn>0.88</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">Te</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>single crystals. Physical Review B, 2015, 91, .	1.1	7
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202	Critical current density and mechanism of vortex pinning in K<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo><mml:mi>y</mml:mi></mml:mrow></mml:msub></mml:math>Se<mml:math	1.1	11
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