

Paul C Canfield

List of Publications by Year in descending order

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576
papers

28,331
citations

4960

84
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8630

146
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582
all docs

582
docs citations

582
times ranked

12076
citing authors

#	ARTICLE	IF	CITATIONS
1	Small-moment antiferromagnetic ordering in single-crystalline LaMnO_2 . Physical Review B, 2022, 105, .	8.2	16
2	Topological magnetic hysteresis in single crystals of CeAgSb ₂ ferromagnet. Journal of Physics Condensed Matter, 2022, 34, 145802.	1.8	2
3	Temperature dependent striction effect in a single crystalline Nd ₂ Fe ₁₄ B revealed using a novel high temperature resistivity measurement technique. Measurement Science and Technology, 2022, 33, 055901.	2.6	0
4	Effects of external pressure on the narrow-gap semiconductor CeMn_2Sb_2 . Physical Review B, 2022, 105, .	3.3	11
5	Magnetisation and magneto-transport measurements on CeBi single crystals. Philosophical Magazine, 2022, 102, 542-558.	1.6	6
6	Emergence of Fermi arcs due to magnetic splitting in an antiferromagnet. Nature, 2022, 603, 610-615.	27.8	25
7	Tuning of Cr Magnetic Exchange through Chalcogenide Linkers in Cr ₂ Molecular Dimers. Inorganic Chemistry, 2022, 61, 6160-6174.	4.0	1
8	Spin-polarized imaging of strongly interacting fermions in the ferrimagnetic state of the Weyl candidate CeBi. Physical Review B, 2022, 105, .	3.2	5
9	Low-Temperature Competing Magnetic Energy Scales in the Topological Ferrimagnet TbMn_6Sb_8 . Physical Review X, 2022, 12, .	8.9	10
10	Effects of magnetic and non-magnetic doping on the vortex lattice in MgB ₂ . Journal of Applied Crystallography, 2022, 55, 693-701.	4.5	2
11	Use of Refractory Volatile Element Deep Eutectic Regions to Grow Single Crystalline Intermetallic Compounds. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2022, 648, .	1.2	6
12	Pseudo-Polymorphism in Layered FeS Intercalates: A Competition between Charged and Neutral Guest Species. Chemistry of Materials, 2022, 34, 5397-5408.	6.7	4
13	Superconductivity and phase diagrams of CaKMo_3 . Physical Review B, 2022, 105, .	3.2	10
14	Superconducting density of states and band structure at the surface of the candidate topological superconductor AuPb_2 . Physical Review Research, 2022, 4, .	3.6	6
15	Uniaxial compression of [001]-oriented CaFe ₂ As ₂ single crystals: the effects of microstructure and temperature on superelasticity Part I: Experimental observations. Acta Materialia, 2021, 203, 116464.	7.9	4
16	Anisotropic superconductivity in the spin-vortex antiferromagnetic superconductor CaKMo_3 . Physical Review B, 2021, 103, .	3.2	12
17	Avoided ferromagnetic quantum critical point in pressurized LaMnO_5 . Physical Review B, 2021, 103, .	3.2	9
18	Formation of short-range magnetic order and avoided ferromagnetic quantum criticality in pressurized LaCrGe_3 . Physical Review B, 2021, 103, .	3.2	21

#	ARTICLE	IF	CITATIONS
19	Substantial reduction of the anisotropy in the critical current densities J_c of Ni-doped $\text{CaKFe}_4\text{As}_4$ single crystals by chemical and irradiation-induced disorder. Superconductor Science and Technology, 2021, 34, 035013.	3.5	3
20	Evidence for a large Rashba splitting in PtPb_4 from angle-resolved photoemission spectroscopy. Physical Review B, 2021, 103, .	3.2	3
21	Magnetic crystalline-symmetry-protected axion electrodynamics and field-tunable unpinned Dirac cones in Euln_2As_2 . Nature Communications, 2021, 12, 999.	12.8	44
22	Discovery of a weak topological insulating state and van Hove singularity in triclinic RhBi_2 . Nature Communications, 2021, 12, 1855.	12.8	15
23	Comment on "Unconventional enhancement of ferromagnetic interactions in Cd-doped $\text{GdFe}_2\text{Zn}_{20}$ single crystals studied by ESR and ^{57}Fe Mössbauer spectroscopies". Physical Review B, 2021, 103, .	3.2	3
24	Magnetic properties of the itinerant ferromagnet LaCrGe_3 under pressure studied by NMR. Physical Review B, 2021, 103, .	3.2	8
25	Flat band carrier confinement in magic-angle twisted bilayer graphene. Nature Communications, 2021, 12, 4180.	12.8	22
26	Ubiquity of amplitude-modulated magnetic ordering in the H^T phase diagram of the frustrated non-Fermi-liquid YbAgGe . Physical Review B, 2021, 104, .	3.2	0
27	Pseudoelasticity of SrNi_2P_2 Micropillar via Double Lattice Collapse and Expansion. Nano Letters, 2021, 21, 7913-7920.	9.1	2
28	Magnetic field induced softening of spin waves and hard-axis order in the Kondo-lattice ferromagnet CeAgSb_2 . Physical Review B, 2021, 104, .	3.2	2
29	Construction of AB_2 heterolayer intermetallic crystals: Case studies of the 1144-phase TM-phosphides AB_2 (TM) $\text{Ln}_2\text{Mn}_4\text{P}_4$	2.4	3
30	Unconventional supercurrent phase in Ising superconductor Josephson junction with atomically thin magnetic insulator. Nature Communications, 2021, 12, 5332.	12.8	27
31	Simplified feedback control system for scanning tunneling microscopy. Review of Scientific Instruments, 2021, 92, 103705.	1.3	5
32	Pressure-induced ferromagnetism in the topological semimetal $\text{Eu}_2\text{Cd}_2\text{As}_2$. Physical Review B, 2021, 104, .	3.2	3
33	Phase diagram of Ce_2Sb_3 from magnetostriction and magnetization measurements: Evidence for ferrimagnetic and antiferromagnetic states. Physical Review B, 2021, 104, .	3.2	3
34	A Low-Temperature Structural Transition in Canfieldite, Ag_8SnS_6 , Single Crystals. Inorganic Chemistry, 2021, 60, 19345-19355.	4.0	3
35	Visualizing band selective enhancement of quasiparticle lifetime in a metallic ferromagnet. Nature Communications, 2021, 12, 7169.	12.8	4
36	New materials physics. Reports on Progress in Physics, 2020, 83, 016501.	20.1	69

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37	Enhancement of critical current density in CaKFeAs_4 single crystals through 3 MeV proton irradiation. Superconductor Science and Technology, 2020, 33, 025008.	3.5	7
38	Pressure tuning of structural and magnetic transitions in EuAg_4As_2 . Physical Review B, 2020, 101, .	3.2	7
39	Magnetism and its coexistence with superconductivity in $\text{CaKFe}_2\text{As}_2$. Physical Review B, 2020, 102, .	3.2	4
40	Clathrate BaNi_2P_4 : An Interplay of Heat and Charge Transport Due to Strong Host-Guest Interactions. Chemistry of Materials, 2020, 32, 7932-7940.	6.7	9
41	Hydrostatic and Uniaxial Pressure Tuning of Iron-Based Superconductors: Insights into Superconductivity, Magnetism, Nematicity, and Collapsed Tetragonal Transitions. Annalen Der Physik, 2020, 532, 2000248.	2.4	18
42	Characterization of the pressure coefficient of manganin and temperature evolution of pressure in piston-cylinder cells. Review of Scientific Instruments, 2020, 91, 095103.	1.3	7
43	Tuning of charge density wave transitions in LaAu_2 by pressure and Au stoichiometry. Physical Review B, 2020, 102, .	3.2	3
44	Extremely Weakly Interacting $\hat{I}^{\text{S}z=0}$ and $\hat{I}^{\text{S}z=1}$ Excitations and Evidence for Fractional Quantization in a Magnetization Plateau: CeSb. Physical Review Letters, 2020, 125, 247203.	7.8	2
45	Impact of nematicity on the relationship between antiferromagnetic fluctuations and superconductivity in FeSe_2S . Physical Review B, 2020, 101, .	3.2	1
46	Quantum phase transition inside the superconducting dome of $\text{Ba}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ from diamond-based optical magnetometry. New Journal of Physics, 2020, 22, 053037.	2.9	13
47	Exceedingly small moment itinerant ferromagnetism of single crystalline LaFe_2 . Physical Review B, 2020, 101, .	3.2	6
48	Tuning the Intrinsic Anisotropy with Disorder in the $\text{CaKFe}_4\text{As}_8$ Superconductor. Physical Review Applied, 2020, 13, .	3.8	26
49	Study of the ferromagnetic quantum phase transition in $\text{Ce}_3\text{Mg}_x\text{Co}_9$. Philosophical Magazine, 2020, 100, 1607-1619.	1.6	6
50	Measurements of elastoresistance under pressure by combining in-situ tunable quasi-uniaxial stress with hydrostatic pressure. Review of Scientific Instruments, 2020, 91, 023904.	1.3	3
51	Manipulating magnetism in the topological semimetal EuCd_2As_2 . Physical Review B, 2020, 101, .	3.2	1
52	Competing pairing interactions responsible for the large upper critical field in a stoichiometric iron-based superconductor $\text{CaKFe}_4\text{As}_8$. Physical Review B, 2020, 101, .	3.2	22
53	Electron irradiation effects on superconductivity in PdTe_2 : An application of a generalized Anderson theorem. Physical Review Research, 2020, 2, .	3.6	25
54	Prediction of spin polarized Fermi arcs in quasiparticle interference in CeBi. Physical Review B, 2020, 102, .	3.2	7

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55	Single pair of Weyl fermions in the half-metallic semimetal $\text{EuC}_2\text{d}_2\text{A}_2\text{s}$. Physical Review B, 2019, 100, .	3.2	83
56	Role of the Fermi surface for the pressure-tuned nematic transition in the BaFe_2As_2 family. Physical Review B, 2019, 100, .	3.2	16
57	Interplay between superconductivity and itinerant magnetism in underdoped $\text{Ba}_{1-x}\text{K}_x\text{Fe}_2\text{As}_2$ ($x=0.2$) probed by the response to controlled point-like disorder. Npj Quantum Materials, 2019, 4, .	5.2	15
58	Ultrahigh elastically compressible and strain-engineerable intermetallic compounds under uniaxial mechanical loading. APL Materials, 2019, 7, .	5.1	8
59	Electrodynamics response of $\text{Ba}(\text{Fe}_{1-x}\text{R}_x)_2\text{As}_2$ across the s_{\pm} to s_{++} order parameter transition. European Physical Journal: Special Topics, 2019, 228, 719-723.	2.6	16
60	Bulk Superconductivity and Role of Fluctuations in the Iron-Based Superconductor FeSe at High Pressures. Physical Review Letters, 2019, 123, 167002.	7.8	19
61	Magnetic fluctuations in the itinerant ferromagnet LaCrGe_3 studied by NMR. Physical Review B, 2019, 100, .	3.2	4
62	Effect of Ni doping on vortex pinning in $\text{CaKFe}_4\text{As}_8$. Physical Review B, 2019, 100, .	3.2	14
63	Multiple ferromagnetic transitions and structural distortion in the van der Waals ferromagnet VI_3 ambient and finite pressures. Physical Review B, 2019, 100, .	3.2	33
64	Analysis of the London penetration depth in Ni-doped $\text{CaKFe}_4\text{As}_8$. Physical Review B, 2019, 100, .	3.2	14
65	Enhancement of interlayer exchange in an ultrathin two-dimensional magnet. Nature Physics, 2019, 15, 1255-1260.	16.7	165
66	Single-Crystal Permanent Magnets: Extraordinary Magnetic Behavior in the Ta-, Cu-, and Fe-Substituted CeCo_5 Systems. Physical Review Applied, 2019, 11, .	3.8	15
67	Fragility of Fermi arcs in Dirac semimetals. Physical Review B, 2019, 99, .	3.2	19
68	Mg assisted flux growth and characterization of single crystalline $\text{Sm}_2\text{Co}_{17}$. AIP Advances, 2019, 9, 035138.	1.3	1
69	Anisotropy induced vortex lattice rearrangement in $\text{CaKFe}_4\text{As}_8$. Physical Review B, 2019, 99, .	3.2	14
70	Structural and magnetic properties of the CeCo_5 - CeZn_5 solid solution and potential improvements upon iron substitution. Journal of Magnetism and Magnetic Materials, 2019, 482, 192-200.	2.3	3
71	Nematicity in the superconducting mixed state of strain detwinned underdoped $\text{Ba}(\text{Fe}_{1-x}\text{R}_x)_2\text{As}_2$. Physical Review B, 2019, 99, .	3.2	6
72	A neutron diffraction demonstration of long-range magnetic order in the quasicrystal approximant DyCd_6 . AIP Advances, 2019, 9, .	1.3	6

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73	Use of Cernox thermometers in AC specific heat measurements under pressure. Review of Scientific Instruments, 2019, 90, 023911.	1.3	17
74	Pressure-temperature phase diagram of the EuRbFe ₄ As ₄ superconductor. Physical Review B, 2019, 99, .	3.2	10
75	Magnetoelastoresistance in WTe ₂ : Exploring electronic structure and extremely large magnetoresistance under strain. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25524-25529.	7.1	19
76	Effect of pressure on the physical properties of the superconductor NiBi ₃ . Journal of Physics Condensed Matter, 2019, 31, 035701.	1.8	9
77	Quadratic to linear magnetoresistance tuning in TmB_4 . Physical Review B, 2019, 99, .		
78	Measuring the Lower Critical Field of Superconductors Using Nitrogen-Vacancy Centers in Diamond Optical Magnetometry. Physical Review Applied, 2019, 11, .	3.8	27
79	Near room temperature antiferromagnetic ordering with a potential low-dimensional magnetism in $AlMn_2B_2$. Physical Properties of $AlMn_2B_2$.		
80	Physical properties of R_2B_4 . Physical Review B, 2019, 99, .	2.4	1
81	Ferromagnetism versus slow paramagnetic relaxation in Fe-doped LiN_3 . Physical Review B, 2018, 97, .	3.2	16
82	Transformation of a Pauli Paramagnet into a Strong Permanent Magnet. Physical Review Applied, 2018, 9, .	3.8	21
83	Extreme Field Sensitivity of Magnetic Tunneling in Fe-Doped LiN_3 . Physical Review Letters, 2018, 120, 147202.	3.2	16
84	In-plane magnetic penetration depth of superconducting $CaKFe_4As_4$. Physical Review B, 2018, 97, .	3.2	16
85	Pressure dependence of coherence-incoherence crossover behavior in KFe ₂ As ₂ observed by resistivity and As ⁷⁵ -NMR/NQR. Physical Review B, 2018, 97, .	3.2	10
86	⁷⁵ As NMR and XRD Study of Structural and Electronic Inhomogeneities in Ba(Fe _{1-x} Ni _x) ₂ As ₂ . Journal of Superconductivity and Novel Magnetism, 2018, 31, 3289-3295.	1.8	0
87	Hedgehog spin-vortex crystal stabilized in a hole-doped iron-based superconductor. Npj Quantum Materials, 2018, 3, .	5.2	85
88	Shear localization and size-dependent strength of YCd ₆ quasicrystal approximant at the micrometer length scale. Journal of Materials Science, 2018, 53, 6980-6990.	3.7	3
89	Quantum tricritical point in the temperature-pressure-magnetic field phase diagram of $CeTiGe_3$. Physical Review B, 2018, 97, .	3.2	16
90	Defect structures in solution-grown single crystals of the intermetallic compound Ag ₃ Sn. Journal of Materials Science, 2018, 53, 5317-5328.	3.7	6

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91	Direct visualization of phase separation between superconducting and nematic domains in Co-doped CaFe_2As_2 close to a first-order phase transition. <i>Physical Review B</i> , 2018, 97, .	3.2	14
92	Probing magnetism in 2D van der Waals crystalline insulators via electron tunneling. <i>Science</i> , 2018, 360, 1218-1222.	12.6	668
93	Using first-principles calculations to screen for fragile magnetism: Case study of LaCrSb_3 and LaCrSb_3 .	3.2	6
94	Pressure-tuned superconductivity and normal-state behavior in BaCo_2As_2 . <i>Physical Review B</i> , 2018, 97, .	3.2	5
95	Robust s - d pairing in CaK_2As_4 .	3.2	16
96	Influence of multiband sign-changing superconductivity on vortex cores and vortex pinning in stoichiometric high- T_c BaTlCuO_7 . <i>Physical Review B</i> , 2018, 97, .	3.2	45
97	Uniaxial strain control of spin-polarization in multicomponent nematic order of BaFe_2As_2 . <i>Nature Communications</i> , 2018, 9, 1058.	12.8	41
98	On magnetic structure of CuFe_2Ge_2 : Constrains from the 57Fe Mössbauer spectroscopy. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 446, 260-263.	2.3	3
99	Ferromagnetic quantum criticality: New aspects from the phase diagram of LaCrGe_3 . <i>Physica B: Condensed Matter</i> , 2018, 536, 483-487.	2.7	9
100	Single crystal growth and magnetic properties of the mixed valent Yb containing Zintl phase, $\text{Yb}_{14}\text{MgSb}_{11}$. <i>Chemical Communications</i> , 2018, 54, 12946-12949.	4.1	17
101	Collapse of the Kondo state and ferromagnetic quantum phase transition in $\text{YbFe}_2\text{Zn}_{20}$. <i>Physical Review B</i> , 2018, 98, .	3.2	5
102	Nonequilibrium Pair Breaking in BaFe_2As_2 .	3.2	18
103	Pressure-induced multiple phase transformations of the BaBi_3 superconductor. <i>Physical Review B</i> , 2018, 98, .	3.2	8
104	Hedgehog Spin-Vortex Crystal Antiferromagnetic Quantum Criticality in $\text{CaK}_2\text{Fe}_4\text{As}_8$.	3.2	10
105	Electronic structure of the topological superconductor candidate Au_2S_3 . <i>Physical Review B</i> , 2018, 98, .	3.2	13
106	Effect of nickel substitution on magnetism in the layered van der Waals ferromagnet Fe_3S_2 . <i>Physical Review B</i> , 2018, 98, .	3.2	12
107	Coexistence of superconductivity and magnetism in $\text{CaK}_2\text{Fe}_4\text{As}_8$.	3.2	17
108	High- T_c superconductivity in $\text{CaKFe}_4\text{As}_8$ in absence of nematic fluctuations. <i>Physical Review B</i> , 2018, 98, .	3.2	17

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109	Effects of point defects on the mechanical response of LaRu ₂ P ₂ . Acta Materialia, 2018, 160, 224-234.	7.9	7
110	Imaging orbital-selective quasiparticles in the Hund's metal state of FeSe. Nature Materials, 2018, 17, 869-874.	27.5	86
111	Disorder-Driven Transition from s - to d -Wave Superconductivity in $\text{CaK}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Physical Review Letters, 2018, 121, 107001.	7.8	42
112	Pressure-temperature phase diagrams of $\text{CaK}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ superconductors. Physical Review B, 2018, 97, .	6.2	12
113	Universal doping evolution of the superconducting gap anisotropy in single crystals of electron-doped $\text{Ba}(\text{Fe}_{1-x}\text{Rh}_x)_2\text{As}_2$ from London penetration depth measurements. Journal of Physics Condensed Matter, 2018, 30, 225602.	1.8	2
114	Doping evolution of spin fluctuations and their peculiar suppression at low temperatures in $\text{Ca}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Physical Review B, 2018, 97, .	3.2	5
115	Antiferromagnetic order in $\text{CaK}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$ and its interplay with s -wave superconductivity. Physical Review B, 2018, 97, .	3.2	5
116	Vibrational anomalies in $\text{CaK}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Physical Review B, 2018, 97, .	3.2	5
117	Persistent correlation between superconductivity and antiferromagnetic fluctuations near a nematic quantum critical point in FeSe . Physical Review B, 2018, 98, .	3.2	5
118	Nodeless superconductivity in the type-II Dirac semimetal PdTe_2 : London penetration depth and pairing-symmetry analysis. Physical Review B, 2018, 98, .	3.2	5
119	Indication of subdominant d -wave interaction in superconducting $\text{CaKFe}_4\text{As}_4$. Physical Review B, 2018, 98, .	3.2	14
120	Multi-band effects in in-plane resistivity anisotropy of strain-detwinned disordered $\text{Ba}(\text{Fe}_{1-x}\text{Ru}_x)_2\text{As}_2$. Journal of Physics Condensed Matter, 2018, 30, 315601.	1.8	7
121	A Nanoindentation Study of the Plastic Deformation and Fracture Mechanisms in Single-Crystalline CaFe_2As_2 . Jom, 2018, 70, 1074-1080.	1.9	4
122	Spatially-resolved study of the Meissner effect in superconductors using NV-centers-in-diamond optical magnetometry. New Journal of Physics, 2018, 20, 043010.	2.9	26
123	Giant microwave absorption in fine powders of superconductors. Scientific Reports, 2018, 8, 11480.	3.3	5
124	Trends in pressure-induced layer-selective half-collapsed tetragonal phases in the iron-based superconductor family $\text{Ae}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Physical Review B, 2018, 98, .	3.2	5
125	Stoichiometric high- T_c superconductor $\text{CaKFe}_4\text{As}_4$. Physical Review B, 2018, 98, .	2.4	57
126	Magnetic properties of single crystalline itinerant ferromagnet AlFe_2B . Physical Review Materials, 2018, 2, .	2.4	30

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127	superconductivity in the phase diagram of single-crystalline YBaCuO		
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145	Superelastic and micaceous deformation in the intermetallic compound CaFe ₂ As ₂ . Scripta Materialia, 2017, 141, 10-14. Electronic structure of $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{R} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{Sb} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \langle \text{mml:math} \rangle \text{Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td} \langle \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	5.2	8
146	angle-resolved photoemission spectroscopy. Physical Review B, 2017, 96, .		
147	Discovery of orbital-selective Cooper pairing in FeSe. Science, 2017, 357, 75-80.	12.6	283
148	⁵⁷ Fe Mössbauer study of stoichiometric iron-based superconductor CaKFe ₄ As ₄ : a comparison to KFe ₂ As ₂ and CaFe ₂ As ₂ . Philosophical Magazine, 2017, 97, 2689-2703.	1.6	13
149	Collapsed tetragonal phase transition in LaRu ₂ P ₂ . Physical Review B, 2017, 96, .	3.2	10
150	Critical speeding up of nonequilibrium electronic relaxation near nematic phase transition in unstrained Ba $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td} \langle \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	3.2	16
151	Vortex creep at very low temperatures in single crystals of the extreme type-II superconductor $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Rh} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle \langle \text{mml:math} \rangle \text{S} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ Physical Review B, 2017, 95, .	3.2	13
152	The solidification of Al ¹⁰⁰ Pd ¹⁰⁰ Mn studied by high-energy X-ray diffraction from electrostatically levitated samples. Zeitschrift Fur Kristallographie - Crystalline Materials, 2017, 232, 619-627.	0.8	0
153	Pressure induced change in the electronic state of $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Ta} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle \langle \text{mml:math} \rangle \text{S} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ Physical Review B, 2017, 95, .	3.2	13
154	Phonon-induced topological transition to a type-II Weyl semimetal. Physical Review B, 2017, 95, .	3.2	18
155	Highly responsive ground state of $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{PbTaSe} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle \langle \text{mml:math} \rangle \text{S} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$: Structural phase transition and evolution of superconductivity under pressure. Physical Review B, 2017, 95, .	3.2	13
156	NMR study of the new magnetic superconductor $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{CaK} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle \langle \text{mml:math} \rangle \text{S} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$: Microscopic coexistence of the hed. Physical Review B, 2017, 96, .	3.2	13
157	Local nematic susceptibility in stressed $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{BaFe} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle \langle \text{mml:math} \rangle \text{S} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ from NMR electric field gradient measurements. Physical Review B, 2017, 96, .	3.2	13
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