

Cornelius Krellner

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Interlayer Coupling of a Two-Dimensional Kondo Lattice with a Ferromagnetic Surface in the Antiferromagnet CeCo ₂ P ₂ . ACS Nano, 2022, 16, 3573-3581.	7.3	4
2	Exchange scaling of ultrafast angular momentum transfer in 4f antiferromagnets. Nature Materials, 2022, 21, 514-517.	13.3	12
3	Reduction on the magnetic properties of La _{1-x} Si _x . $\frac{1}{x} \frac{d}{dx} \left(\frac{1}{x} \right) = -\frac{1}{x^2}$	1.0	1
4	Structural instability at the In-terminated surface of the heavy-fermion superconductor CeIrIn ₅ . Surfaces and Interfaces, 2022, 102126.	1.5	3
5	Classical and cubic Rashba effect in the presence of in-plane magnetism at the iridium silicide surface of the antiferromagnet Yb ₂ Ir ₂ Si ₂ . Physical Review B, 2021, 103, .	1.1	15
6	Visualizing the Kondo lattice crossover in YbRh ₂ Si ₂ with Compton scattering. Physical Review B, 2021, 103, .	1.1	15
7	Temperature-dependent change of the electronic structure in the Kondo lattice system YbRh ₂ Si ₂ . Journal of Physics Condensed Matter, 2021, 33, 205601.	0.7	6
8	Optical evidence of local and itinerant states in Ce- and Yb-heavy-fermion compounds. Electronic Structure, 2021, 3, 024007.	1.0	2
9	Revealing three-dimensional quantum criticality by Sr substitution in Han purple. Physical Review Research, 2021, 3, .	1.3	10
10	Insight into the Temperature Evolution of Electronic Structure and Mechanism of Exchange Interaction in EuS. Journal of Physical Chemistry Letters, 2021, 12, 8328-8334.	2.1	7
11	Crystal Growth of Materials with the ThCr ₂ Si ₂ Structure Type. Crystal Research and Technology, 2020, 55, 1900116.	0.6	15
12	Unexpected differences between surface and bulk spectroscopic and implied Kondo properties of heavy fermion CeRh ₂ Si ₂ . Npj Quantum Materials, 2020, 5, .	1.8	21
13	Deterministic control of an antiferromagnetic spin arrangement using ultrafast optical excitation. Communications Physics, 2020, 3, .	2.0	10
14	Photoelectron diffraction for probing valency and magnetism of 4d-based materials: A view on valence-fluctuating Eu ₂ Ir ₂ Si ₂ . Physical Review B, 2020, 102, .	1.1	13
15	Cubic Rashba Effect in the Surface Spin Structure of Rare-Earth Ternary Materials. Physical Review Letters, 2020, 124, 237202.	2.9	30
16	Spin structure of spin-orbit split surface states in a magnetic material revealed by spin-integrated photoemission. Physical Review B, 2020, 101, .	1.1	9
17	Lattice dynamics in the spin-12 frustrated kagome compound herbertsmithite. Physical Review B, 2020, 101, .	1.1	13
18	Terahertz conductivity of heavy-fermion systems from time-resolved spectroscopy. Physical Review Research, 2020, 2, .	1.3	6

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19	Uniaxial and fourfold basal anisotropy in GdRh_2Si_2 . Journal of Physics Condensed Matter, 2020, 32, 495801.	0.7	0
20	Specific Heat Study of 1D and 2D Excitations in the Layered Frustrated Quantum Antiferromagnets $\langle \mathbf{m}_i \mathbf{m}_j \rangle$. Physical Review Letters, 2019, 123, 147202.	2.9	14
21	Emerging 2D-ferromagnetism and strong spin-orbit coupling at the surface of valence-fluctuating EuR_2Si_2 . Npj Quantum Materials, 2019, 4, .	1.8	46
22	Kondo-lattice ferromagnets and their peculiar order along the magnetically hard axis determined by the crystalline electric field. Physical Review B, 2019, 99, .	1.1	16
23	Magnetostructural Properties of the Layered Quasi-2D Triangular Lattice Antiferromagnets $\text{Cs}_2\text{CuCl}_4^{x-}$ for $x = 0, 1, 2,$ and 4 . Physica Status Solidi (B): Basic Research, 2019, 256, 1900044.	0.7	4

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37	Strong spin-orbit coupling in the noncentrosymmetric Kondo lattice. <i>Physical Review B</i> , 2018, 98, .	1.1	16
38	Crystal growth and magnetic characterization of HoRb_2Si_2 ($I4/mmm$). <i>Journal of Physics Condensed Matter</i> , 2018, 30, 385801.	0.7	2
39	Evolution of the Kondo lattice and non-Fermi liquid excitations in a heavy-fermion metal. <i>Nature Communications</i> , 2018, 9, 3324.	5.8	32
40	Analysis of the crystal electric field parameters of YbNi_4P_2 . <i>New Journal of Physics</i> , 2018, 20, 073021.	1.2	6
41	High-pressure phase diagram of $\text{NdFeAsO}_{0.9}\text{F}_{0.1}$: Disappearance of superconductivity on the verge of ferromagnetism from Nd moments. <i>Physical Review B</i> , 2018, 98, .	1.1	8
42	Weak magnetic anisotropy in GdRh_2Si_2 studied by magnetic resonance. <i>Physical Review B</i> , 2018, 97, .	1.1	3
43	Crystal electric field in CeRh_2Mn_2 studied with high-resolution resonant inelastic soft x-ray scattering. <i>Physical Review B</i> , 2018, 97, .		
44	Time-resolved collapse and revival of the Kondo state near a quantum phase transition. <i>Nature Physics</i> , 2018, 14, 1103-1107.	6.5	17
45	Magnetic resonance as a local probe for kagomé magnetism in Barlowite $\text{Cu}_4(\text{OH})_6\text{FBr}$. <i>Scientific Reports</i> , 2018, 8, 10851.	1.6	17
46	Interplay between unconventional superconductivity and heavy-fermion quantum criticality: CeCu_2Si_2 versus YbRh_2Si_2 . <i>Philosophical Magazine</i> , 2018, 98, 2930-2963.	0.7	16
47	Similar temperature scale for valence changes in Kondo lattices with different Kondo temperatures. <i>Nature Communications</i> , 2018, 9, 2011.	5.8	22
48	Kagome quantum spin systems in the atacamite family. <i>Physical Review Materials</i> , 2018, 2, .	0.9	19
49	Magnetic Stray Field Detection as Guidance for Electronic Transport Measurements in the B-T Phase Diagram of MnSi . <i>Acta Physica Polonica A</i> , 2018, 133, 582-584.	0.2	1
50	Anisotropic Zeeman Splitting in YbNi_4P_2 . , 2018, 5, .		0
51	Interplay between structure and magnetism in the low-dimensional spin system: $\text{K}(\text{C}_8\text{H}_{16}\text{O}_4)_2\text{CuCl}_3\cdot\text{H}_2\text{O}$. <i>CrystEngComm</i> , 2017, 19, 1028-1034.	1.3	2
52	Strong magnetic frustration in $\text{Y}_3\text{Cu}_9(\text{OH})_{19}\text{Cl}_8$: a distorted kagome antiferromagnet. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2629-2635.	2.7	33
53	Many-body theory of magnetoelasticity in one dimension. <i>Physical Review B</i> , 2017, 95, .	1.1	3
54	Spin Orientation of Two-Dimensional Electrons Driven by Temperature-Tunable Competition of Spin-Orbit and Exchange-Magnetic Interactions. <i>Nano Letters</i> , 2017, 17, 811-820.	4.5	28

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55	<p>An exemplary tetragonal system for antiferromagnetic order with weak in-plane anisotropy. Physical Review B, 2017, 95, .</p>	1.1	17
56	<p>Signature of multigap nodeless superconductivity in fluorine-doped NdFeAsO. Physical Review B, 2017, 96, .</p>	1.1	16
57	<p>Cascade of Magnetic-Field-Induced Lifshitz Transitions in the Ferromagnetic Kondo Lattice Material $\text{YbNi}_4(\text{P}_{1-x}\text{As}_x)_2$. Physical Review Letters, 2017, 119, 126402.</p>	1.1	19
58	<p>Characterization of $\text{YbNi}_4(\text{P}_{1-x}\text{As}_x)_2$, $x = 0, 0.2$ single crystals grown by Czochralski method. Journal of Physics: Conference Series, 2017, 807, 032005.</p>	0.3	2
59	<p>Magnetic order and spin dynamics across a ferromagnetic quantum critical point: $\text{YbNi}_4(\text{P}_{1-x}\text{As}_x)_2$. Physical Review B, 2017, 96, 080402.</p>	1.1	17

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73	Impurity scattering effects on the superconducting properties and the tetragonal-to-orthorhombic phase transition in FeSe. <i>Physical Review B</i> , 2016, 93, .	1.1	38
74	Influence of the oxygen concentration on crystal growth and structure of the $\text{BaCuSi}_2\text{O}_6$ and $\text{Ba}_{1-x}\text{Sr}_x\text{CuSi}_2\text{O}_6$ spin dimer compounds. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2016, 72, s325-s326.	0.0	1
75	Metallic coplanar resonators optimized for low-temperature measurements. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 395501.	1.3	14
76	Robust and tunable itinerant ferromagnetism at the silicon surface of the antiferromagnet GdRh_2Si_2 . <i>Scientific Reports</i> , 2016, 6, 24254.	1.6	29
77	First-principles and angle-resolved photoemission study of lithium doped metallic black phosphorous. <i>2D Materials</i> , 2016, 3, 025031.	2.0	21
78	Crystal growth by Bridgman and Czochralski method of the ferromagnetic quantum critical material YbNi_4P_2 . <i>Journal of Crystal Growth</i> , 2016, 449, 129-133.	0.7	8
79	Crystal growth of new charge-transfer salts based on π -conjugated donor molecules. <i>Physica B: Condensed Matter</i> , 2016, 496, 98-105.	1.3	23
80	Emergence of superconductivity in the canonical heavy-electron metal YbRh_2Si_2 . <i>Science</i> , 2016, 351, 485-488.	6.0	77
81	Low-temperature structural investigations of the frustrated quantum antiferromagnets CsMnCl_2 . <i>Physical Review B</i> , 2015, 91, .		
82	Avoided ferromagnetic quantum critical point in CeRuPO . <i>Physical Review B</i> , 2015, 91, .	1.1	20
83	Temperature-Independent Fermi Surface in the Kondo Lattice YbRh_2Si_2 . <i>Physical Review X</i> , 2015, 5, .	2.8	52
84	Ferromagnetic fluctuations in YbNi_4P_2 measured by inelastic neutron scattering. <i>Journal of Physics: Conference Series</i> , 2015, 592, 012083.	0.3	5
85	Nodeless superconductivity in the presence of spin-density wave in pnictide superconductors: The case of $\text{BaFe}_2\text{NiAs}_2$. <i>Physical Review B</i> , 2015, 91, .	1.1	27
86	Single crystal growth and characterization of GdRh_2Si_2 . <i>Journal of Crystal Growth</i> , 2015, 419, 37-41.	0.7	19
87	Signatures of Phase Transitions in the Microwave Response of YbRh_2Si_2 . <i>Physics Procedia</i> , 2015, 75, 340-347.	1.2	5
88	Crystalline Electric Field Splitting of 4f States in YbRh_2Si_2 : An ARPES View. , 2014, , .		6
89	Evidence of a Kondo Destroying Quantum Critical Point in YbRh_2Si_2 . <i>Journal of the Physical Society of Japan</i> , 2014, 83, 061001.	0.7	22
90	Two crown-ether-coordinated caesium halogen salts. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 455-459.	0.2	1

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91	Unusual weak magnetic exchange in two different structure types: YbPt_2Sn and YbPt_2In . Journal of Physics Condensed Matter, 2014, 26, 485002.	0.7	22
92	CoBi_3 – the first binary compound of cobalt with bismuth: high-pressure synthesis and superconductivity. Journal of Physics Condensed Matter, 2014, 26, 395701.	0.7	15
93	Structural Variations and Magnetic Properties of the Quantum Antiferromagnets Cs_2CuCl_4 and $\text{Br}_x\text{Cs}_{2-x}\text{CuCl}_4$. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	1
94	CoBi_3 : A Binary Cobalt-Bismuth Compound and Superconductor. Angewandte Chemie - International Edition, 2013, 52, 9853-9857.	7.2	37
95	Ferromagnetic Quantum Critical Point in the Heavy-Fermion Metal YbNi_4 ($P=1$ T) $T_{\text{C}}=0.784314$ K. Physical Review Letters, 2013, 110, 256402.	0.7	2
96	Static and dynamic susceptibility in the putative ferromagnetic quantum critical system YbNi_4P_2 probed by ^{31}P NMR. Physica Status Solidi (B): Basic Research, 2013, 250, 519-521.	0.7	2
97	Magnetization study of the energy scales in YbRh_2Si_2 under chemical pressure. Physica Status Solidi (B): Basic Research, 2013, 250, 485-490.	0.7	10
98	Crystalline electric field splitting in YbNi_4P_2 measured by inelastic neutron scattering. Physica Status Solidi (B): Basic Research, 2013, 250, 522-524.	0.7	5
99	Doped YbRh_2Si_2 : Not Only Ferromagnetic Correlations but Ferromagnetic Order. Physical Review Letters, 2013, 110, 256402.	2.9	29
100	Interplay between Kondo Suppression and Lifshitz Transitions in YbRh_2Si_2 at High Magnetic Fields. Physical Review Letters, 2013, 110, 256403.	2.9	55
101	Lifshitz transitions and quasiparticle de-renormalization in YbRh_2Si_2 . New Journal of Physics, 2013, 15, 093032.	1.2	14
102	Microwave spectroscopy on heavy-fermion systems: Probing the dynamics of charges and magnetic moments. Physica Status Solidi (B): Basic Research, 2013, 250, 439-449.	0.7	41
103	Ferromagnetic correlations in heavy fermions from an NMR point of view: YbNi_4P_2 vs. YbRh_2Si_2 . Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 540-543.	0.8	3
104	Magnetic properties of $\text{Yb}(\text{Rh}_{0.42}\text{Co}_{0.58})_2\text{Si}_2$. Physica Status Solidi (B): Basic Research, 2013, 250, 476-481.	0.7	1
105	New magnetically ordered phases in YbRh_2Si_2 . Physica Status Solidi (B): Basic Research, 2013, 250, 482-484.	0.7	3
106	Influence of Ir and La substitution on the thermal transport properties of YbRh_2Si_2 . Physica Status Solidi (B): Basic Research, 2013, 250, 491-494.	0.7	0
107	Physical properties and crystal chemistry of $\text{Ce}_2\text{Ga}_{12}\text{Pt}$. Journal of Physics Condensed Matter, 2012, 24, 256006.	0.7	7
108	Avoided Ferromagnetic Quantum Critical Point: Unusual Short-Range Ordered State in CeFePO . Physical Review Letters, 2012, 109, 216402.	2.9	38

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109	SR study of YbNi $\frac{1}{4}$ PP Physical Review B, 2012, 86, .	1.1	12
110	Publisher's Note: Ferromagnetism and superconductivity in CeFeAs $1-x$ PxO (O $\frac{1}{2}$ x $\frac{1}{2}$ 40%) [Phys. Rev. B86, 020501(R) (2012)]. Physical Review B, 2012, 86, .	1.1	1
111	How chemical pressure affects the fundamental properties of rare-earth pnictides: An ARPES view. Physical Review B, 2012, 86, .	1.1	3
112	Ultrafast quasiparticle dynamics in the heavy-fermion compound YbRh $_{2}$ Si $_{2}$ Physical Review B, 2012, 86, .	1.1	10
113	Electron spin resonance of the Yb 4f moment in Yb(Rh $_{1-x}$ Cox) $_{2}$ Si $_{2}$. Physical Review B, 2012, 85, .	1.1	16
114	P NMR investigations on the ferromagnetic quantum critical system YbNi $_{4}$ PP Physical Review B, 2012, 86, .	1.1	11
115	PP Physical Review B, 2012, 86, .		

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127	Magnetic phase diagram of YbCo_2Si_2 derived from magnetization measurements. Physical Review B, 2011, 84, .	1.1	7
128	Intermediate valence in Yb compounds probed by photoemission and resonant inelastic x-ray scattering. Physical Review B, 2011, 84, .	1.1	42
129	Ferromagnetic quantum criticality in the quasi-one-dimensional heavy fermion metal YbNi_4P_2 . New Journal of Physics, 2011, 13, 103014.	1.2	67
130	Magnetic transitions in YbCo_2Si_2 . Journal of Physics: Conference Series, 2010, 200, 032031.	0.3	6
131	Quantum criticality in $\text{Yb}(\text{Rh}_{0.97}\text{Co}_{0.03})_2\text{Si}_2$ probed by low-temperature resistivity. Journal of Physics: Conference Series, 2010, 200, 012038.	0.3	1
132	Magnetic field dependence of the antiferromagnetic phase transitions in Co-doped YbRh_2Si_2 . Journal of Physics: Conference Series, 2010, 200, 012089.	0.3	3
133	H-T phase diagram of YbCo_2Si_2 with H // [100]. Journal of Physics: Conference Series, 2010, 200, 012157.	0.3	6
134	Trap density of states in small-molecule organic semiconductors: A quantitative comparison of thin-film transistors with single crystals. Physical Review B, 2010, 81, .	1.1	231
135	Magnetic and Electronic Quantum Criticality in YbRh_2Si_2 . Journal of Low Temperature Physics, 2010, 161, 67-82.	0.6	8
136	Tuning the dispersion of 4f bands in the heavy-fermion material YbRh_2Si_2 . Journal of Electron Spectroscopy and Related Phenomena, 2010, 181, 70-75.	0.8	11
137	Development of the critical exponent at the antiferromagnetic phase transition of YbRh_2Si_2 under chemical pressure. Physica Status Solidi (B): Basic Research, 2010, 247, 734-736.	0.7	3
138	Low temperature properties of the electron spin resonance in YbRh_2Si_2 . Physica Status Solidi (B): Basic Research, 2010, 247, 747-750.	0.7	8
139	Nuclear contribution to the specific heat of $\text{Yb}(\text{Rh}_{0.93}\text{Co}_{0.07})_2\text{Si}_2$. Physica Status Solidi (B): Basic Research, 2010, 247, 737-739.	0.7	21
140	Effect of chemical substitution and pressure on YbRh_2Si_2 . Physica Status Solidi (B): Basic Research, 2010, 247, 727-730.	0.7	2
141	Pronounced basal plane anisotropy in the magnetoresistance of YbCo_2Si_2 . Physica Status Solidi (B): Basic Research, 2010, 247, 743-746.	0.7	6
142	Temperature- and Magnetic-Field-Dependent Optical Properties of Heavy Quasiparticles in YbRh_2Si_2 . Journal of the Physical Society of Japan, 2010, 79, 123703.	0.7	12
143	Fermi-surface collapse and dynamical scaling near a quantum-critical point. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14547-14551.	3.3	133
144	Electron spin resonance of the ferromagnetic Kondo lattice CeRuPO . Journal of Physics Condensed Matter, 2010, 22, 435603.	0.7	6

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145	Thermopower Evidence for an Abrupt Fermi Surface Change at the Quantum Critical Point of YbRh_2Si_2 . <i>Physical Review Letters</i> , 2010, 104, 096402.	2.9	61
146	Half-filled measurements and electronic structure calculations on YbRh_2Si_2 . <i>Physical Review B</i> , 2010, 82, .	1.1	39
147	Interplay between Co and Ce in CeCoAsO . <i>Physical Review B</i> , 2010, 82, .	1.1	19
148	Effect of pressure on the electron spin resonance of a heavy-fermion metal. <i>Physical Review B</i> , 2010, 81, .	1.1	4
149	Coupling between the structural and magnetic transition in CeFeAsO . <i>Physical Review B</i> , 2010, 81, .	1.1	43
150	Anisotropic electron spin resonance of YbRh_2Si_2 . <i>Journal of Physics Condensed Matter</i> , 2010, 22, 135602.	0.7	14
151	CeFePO : Hybridization and Quenching of Superconductivity. <i>Physical Review Letters</i> , 2010, 104, 096402.	2.9	18
152	Dependence of the Crystal-Field Splittings of f^4 States in Rare-Earth Systems. <i>Physical Review Letters</i> , 2010, 105, 237601.	2.9	57
153	Superconductivity versus quantum criticality: what can we learn from heavy fermions?. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 164202.	0.7	8
154	Tuning the Hybridization at the Surface of a Heavy-Fermion System. <i>Physical Review Letters</i> , 2009, 103, 137601.	2.9	27
155	Evolution of the Kondo State of YbRh_2Si_2 . <i>Physical Review Letters</i> , 2009, 103, 137601.	2.9	20
156	Shell Electron Systems: Photoemission Study of EuNi_2P_2 . <i>Physical Review Letters</i> , 2009, 103, 137601.	2.9	50
157	Detaching the antiferromagnetic quantum critical point from the Fermi-surface reconstruction in YbRh_2Si_2 . <i>Nature Physics</i> , 2009, 5, 465-469.	6.5	180
158	Pressure-temperature phase diagram of the ferromagnetic Kondo lattice compound CeRuPO . <i>Physica B: Condensed Matter</i> , 2009, 404, 2934-2937.	1.3	7
159	Electrical resistivity of YbRh_2Si_2 . <i>Condensed Matter</i> , 2009, 404, 2898-2899.		
160	Interplay between 3d and 4f magnetism in CeCoPO . <i>Physica B: Condensed Matter</i> , 2009, 404, 3206-3209.	1.3	20
161	Rare earth magnetism in CeFeAsO : a single crystal study. <i>New Journal of Physics</i> , 2009, 11, 103050.	1.2	46
162	Violation of Critical Universality at the Antiferromagnetic Phase Transition of YbRh_2Si_2 . <i>Physical Review Letters</i> , 2009, 102, 196402.	2.9	31

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163	High-field ESR study of the Kondo lattice system YbRh ₂ Si ₂ . Journal of Physics: Conference Series, 2009, 150, 042085.	0.3	0
164	Low-temperature thermopower study of YbRh ₂ Si ₂ . Journal of Physics: Conference Series, 2009, 150, 042049.	0.3	4
165	Magnetization measurements on YbRh ₂ Si ₂ at very low temperatures. Journal of Physics: Conference Series, 2009, 150, 042178.	0.3	7
166	Single crystal growth and anisotropy of CeRuPO. Journal of Crystal Growth, 2008, 310, 1875-1880.	0.7	35
167	Band-structure and anomalous contributions to the Hall effect of YbRh ₂ Si ₂ . Physica B: Condensed Matter, 2008, 403, 1251-1253.	1.3	7
168	Optical properties of YbRh ₂ Si ₂ and YbIr ₂ Si ₂ : A comparison. Physica B: Condensed Matter, 2008, 403, 775-777.	1.3	5
169	Low-temperature magnetic susceptibility of single crystals. Physica B: Condensed Matter, 2008, 403, 1236-1238.	1.3	15
170	Low-temperature specific heat of. Physica B: Condensed Matter, 2008, 403, 1254-1256.	1.3	62
171	Unconventional quantum criticality in YbRh ₂ Si ₂ . Physica B: Condensed Matter, 2008, 403, 1184-1188.	1.3	27
172	Hall effect of. Physica B: Condensed Matter, 2008, 403, 1295-1297.	1.3	1
173	CeFePO: A Heavy Fermion Metal with Ferromagnetic Correlations. Physical Review Letters, 2008, 101, 117206.	2.9	93
174	Magnetic and structural transitions in layered iron arsenide systems: $\text{FeAsO} \times \text{R}_2\text{Si}_2\text{O}_7$ Physical Review B, 2008, 78, .	1.1	195
175	The effect of pressure and Ir substitution in YbRh ₂ Si ₂ . Journal of Physics Condensed Matter, 2008, 20, 505205.	0.7	7
176	Magnetic susceptibility of YbRh ₂ Si ₂ and YbIr ₂ Si ₂ on the basis of a localized 4f electron approach. Journal of Physics Condensed Matter, 2008, 20, 455208.	0.7	21
177	Columnar magnetic structure coupled with orthorhombic distortion in the antiferromagnetic iron arsenide SrFe_2As_2 Physical Review B, 2008, 78, .	1.1	60
178	Strong coupling between magnetic and structural order parameters in SrFe_2As_2 Physical Review B, 2008, 78, .	1.1	127
179	Relevance of Ferromagnetic Correlations for the Electron Spin Resonance in Kondo Lattice Systems. Physical Review Letters, 2008, 100, 066401.	2.9	73
180	Photoemission Insight into Heavy-Fermion Behavior in YbRh ₂ Si ₂ . Physical Review Letters, 2008, 100, 056402.	2.9	43

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181	Electron spin resonance of YbIr ₂ Si ₂ below the Kondo temperature. Journal of Physics Condensed Matter, 2007, 19, 016211.	0.7	32
182	Momentum dependence of 4f hybridization in heavy-fermion compounds: Angle-resolved photoemission study of YbIr ₂ Si ₂ and YbRh ₂ Si ₂ . Physical Review B, 2007, 75, .	1.1	46
183	Density of bulk trap states in organic semiconductor crystals: Discrete levels induced by oxygen in rubrene. Physical Review B, 2007, 75, .	1.1	128
184	Multiple Energy Scales at a Quantum Critical Point. Science, 2007, 315, 969-971.	6.0	202
185	CeRuPO: A rare example of a ferromagnetic Kondo lattice. Physical Review B, 2007, 76, .	1.1	106
186	On the local and itinerant properties of the ESR in YbRh ₂ Si ₂ . Science and Technology of Advanced Materials, 2007, 8, 389-392.	2.8	21
187	Electron spin resonance in YbRh ₂ Si ₂ : The role of the residual linewidth. Physica C: Superconductivity and Its Applications, 2007, 460-462, 686-687.	0.6	14
188	Thermal transport properties of the heavy-fermion compound. Physica B: Condensed Matter, 2006, 378-380, 70-71.	1.3	8
189	Low-temperature properties of the heavy fermion system YbIr ₂ Si ₂ . Physica B: Condensed Matter, 2006, 378-380, 74-75.	1.3	11
190	High-field phase diagram of the heavy-fermion metal YbRh ₂ Si ₂ . New Journal of Physics, 2006, 8, 171-171.	1.2	74
191	Optical observation of non-Fermi-liquid behavior in the heavy fermion state of YbRh ₂ Si ₂ . Physical Review B, 2006, 74, .	1.1	31
192	Determination of the interface trap density of rubrene single-crystal field-effect transistors and comparison to the bulk trap density. Journal of Applied Physics, 2006, 99, 034507.	1.1	131
193	Effects of polarized organosilane self-assembled monolayers on organic single-crystal field-effect transistors. Applied Physics Letters, 2004, 85, 5078-5080.	1.5	164
194	Hole mobility in organic single crystals measured by a "flip-crystal" field-effect technique. Journal of Applied Physics, 2004, 96, 2080-2086.	1.1	206
195	Shifted transfer characteristics of organic thin film and single crystal FETs. Synthetic Metals, 2004, 146, 325-328.	2.1	35
196	Hole mobility in organic single crystal field effect transistors. , 0, , .		0
197	Investigation of charge transport in organic single crystals using a "flip-crystal" field-effect technique. , 0, , .		0
198	Strong Rashba Effect and Different f [∞] d Hybridization Phenomena at the Surface of the Heavy-fermion Superconductor CeIrIn ₅ . Advanced Electronic Materials, 0, , 2100768.	2.6	8

#	ARTICLE	IF	CITATIONS
199	Multi-Center Magnon Excitations Open the Entire Brillouin Zone to Terahertz Magnetometry of Quantum Magnets. <i>Advanced Quantum Technologies</i> , 0, , 2200023.	1.8	2