

Thamizhavel Arumugam

List of Publications by Year in descending order

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292
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295
docs citations

295
times ranked

3700
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of multilayer quantum Hall effect in the charge density wave material $\text{CaCu}_4\text{As}_{10}$. Physical Review Research, 2022, 4, .	1.8	1
2	Superconductivity in Heusler compound ScAu_2Al . Journal of Physics Condensed Matter, 2022, 34, 195403.	1.8	1
3	Growth and characterization of high-quality single-crystalline SnTe retaining cubic symmetry down to the lowest temperature studied. Applied Physics Letters, 2022, 120, 112102.	3.3	3
4	Valence fluctuation in Ce_2Pr Ising-type magnetic ordering in $\text{Pr}_2\text{Ce}_2\text{O}_{10}$. Physical Review B, 2022, 105, .	3.2	6
5	Orthorhombic charge density wave on the tetragonal lattice of EuAl_4 . IUCr, 2022, 9, 378-385.	2.2	10
6	Giant spectral renormalization and complex hybridization physics in the Kondo lattice system CeCuSb_2 . Physical Review B, 2022, 105, .	3.2	4
7	A brief review of the physical properties of charge density wave superconductor LaPt_2Si_2 . Superconductor Science and Technology, 2022, 35, 084006.	3.5	2
8	Terahertz optical properties and birefringence in single crystal vanadium doped (100) $\text{I}_2\text{-Ga}_2\text{O}_3$. Optical Materials Express, 2022, 12, 2870.	3.0	2
9	Observation of Standing Spin Waves in a van der Waals Magnetic Material. Advanced Materials, 2021, 33, e2005105.	21.0	17
10	Dirac states in the noncentrosymmetric superconductor BiPd. Physical Review B, 2021, 103, .	3.2	5
11	Evolution of local structure and superconductivity in CaFe_2As_2 . Journal of Physics Condensed Matter, 2021, 33, 19LT01.	1.8	1
12	Fermi surface studies of the topologically nontrivial compound YSi. Physical Review B, 2021, 103, .	3.2	3
13	Synchrotron x-ray diffraction studies of the $\text{I}^{\pm}\text{CEI}^2$ structural phase transition in Sn and Sn-Cu. Scripta Materialia, 2021, 199, 113858.	5.2	1
14	Modulated crystal structure of the atypical charge density wave state of single-crystal $\text{Lu}_2\text{Fe}_2\text{O}_7$. Physical Review B, 2021, 104, .	3.2	1
15	Linear unsaturated magnetoresistance in YSi single crystal. Applied Physics Letters, 2021, 119, 071904.	3.3	1
16	Emergence of well-screened states in a superconducting material of the CaFe_2As_2 family. Physical Review B, 2021, 104, .	3.2	1
17	Nanoscale devices with superconducting electrodes to locally channel current in 3D Weyl semimetals. Applied Physics Letters, 2021, 119, 133501.	3.3	2
18	Anomalies in the temperature evolution of Dirac states in the topological crystalline insulator SnTe. Physical Review B, 2021, 104, .	3.2	7

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19	Weak antilocalization and Shubnikovâ€“de Haas oscillations in single crystal CaCuSb. Physical Review B, 2021, 104, .	3.2	2
20	Extremely large magnetoresistance, anisotropic Hall effect, and Fermi surface topology in single-crystalline $W_2Si_2O_8$. Physical Review B, 2020, 102, .	3.2	13
21	Onâ€“Demand Local Modification of High- T_c Superconductivity in Few Unitâ€“Cell Thick $Bi_2Sr_2CaCuO_{8+\delta}$. Advanced Materials, 2020, 32, e2002220.	21.0	11
22	Anisotropic magnetic properties of trigonal $ErAl_2Ge_2$ single crystal. Journal of Physics Condensed Matter, 2020, 32, 185803.	1.8	3
23	Magnetotransport properties of noncentrosymmetric CaAgBi single crystal. Journal of Physics Condensed Matter, 2020, 32, 335701.	1.8	11
24	Unusual charge density wave transition and absence of magnetic ordering in $Er_2Mn_2O_7$. Physical Review B, 2020, 101, .	2.2	21
25	Depth-resolved core level spectroscopy of noncentrosymmetric solid BiPd. Physical Review B, 2020, 101, .	3.2	8
26	Complex hybridization physics in $CaFe_2As_2$ - a high resolution hard x-ray photoemission study. Journal of Physics Condensed Matter, 2020, 32, 33LT01.	1.8	4
27	Coplanar cavity for strong coupling between photons and magnons in van der Waals antiferromagnet. Applied Physics Letters, 2020, 117, .	3.3	15
28	Anisotropic Physical Properties of the Kondo Semimetal $CeCu_{1.11}As_2$. , 2020, , .		1
29	Substitution Effect for Cd Site in RT_2Cd_{20} (R = Ce, U). , 2020, , .		1
30	Microscopic Nature of Magnetic Ground State in CeAuSb 2. Physica Status Solidi - Rapid Research Letters, 2019, 13, 1900304.	2.4	3
31	Zigzag spin chains in the spin-5/2 antiferromagnet $Ba_2Mn(PO_4)_2$. Inorganic Chemistry Frontiers, 2019, 6, 2736-2746.	6.0	7
32	Surface and bulk core level study of PdTe using HAXPES. AIP Conference Proceedings, 2019, , .	0.4	3
33	Growth of high-quality GaN on (1â€“0â€“0) Ga ₂ O ₃ substrates by facet-controlled MOVPE. Journal of Crystal Growth, 2019, 524, 125165.	1.5	3
34	Phonons and anisotropic thermal expansion behavior of NiX (X = S, Se, Te). Journal of Applied Physics, 2019, 125, .	2.5	2
35	Preparation and electronic structure study of a topological crystalline insulator, SnTe. AIP Conference Proceedings, 2019, , .	0.4	2
36	Elastic properties of few unit cell thick superconducting crystals of $Bi_2Sr_2CaCu_2O_{8+\delta}$. Applied Physics Letters, 2019, 115, .	3.3	3

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37	Coexistence of Eu antiferromagnetism and pressure-induced superconductivity in single-crystal EuFe ₂ As ₂ . Physical Review B, 2019, 100, .	3.2	6
38	High temperature ferromagnetism in NbCo ₂ nanoparticles – Bulk magnetization and hyperfine field measurements. Journal of Magnetism and Magnetic Materials, 2019, 488, 165330.	2.3	1
39	Electrical resistivity under pressure and thermal expansion of LaPt ₂ Si ₂ single crystal. Journal of Applied Physics, 2019, 125, 143902.	2.5	5
40	Investigation of structural and magnetic properties of PrIr ₃ B ₂ single crystal. AIP Advances, 2019, 9, 035021.	1.3	3
41	Optimization of Gas Ambient for High Quality In ₂ Ga ₂ O ₃ Single Crystals Grown by the Optical Floating Zone Technique. ECS Journal of Solid State Science and Technology, 2019, 8, Q3144-Q3148.	1.8	11
42	Temperature–Pressure Phase Diagram of Antiferromagnet CeAl. Journal of the Physical Society of Japan, 2019, 88, 034707.	1.6	0
43	Spin correlation in trigonal EuMn ₂ As ₂ . Physical Review B, 2019, 99, .	3.2	3
44	Studies on In ²⁺ s ^{1/2} transition in Sn and Sn-rich alloys for a cryogenic tin bolometer. Materials Research Express, 2019, 6, 076521.	1.6	3
45	Nanoelectromechanical resonators from high- <i>T_c</i> superconducting crystals of Bi ₂ Sr ₂ CaCuO _{8+δ} . 2D Materials, 2019, 6, 025027.	4.4	4
46	Anisotropic magnetic properties and critical behaviour studies of trigonal CrTe. Physical Review B, 2019, 99, 024407.	2.3	19
47	Second-order charge-density-wave transition in single crystals of La ₂ Ni ₃ As ₈ . Physical Review Materials, 2019, 3, .	2.4	8
48	Hidden phase in parent Fe-pnictide superconductors. Physical Review B, 2018, 97, .	3.2	11
49	Possible multigap type-I superconductivity in the layered boride RuB ₂ . Physical Review B, 2018, 97, .	2.2	2
50	Superconducting properties and <i>1/4</i> SR study of the noncentrosymmetric superconductor Nb _{0.5} O _{0.5} . Journal of Physics Condensed Matter, 2018, 30, 075601.	1.8	22
51	Metamagnetism, sign reversal and low temperature magnetocaloric effect in single-crystalline EuV ₂ Al ₂₀ . Journal of Magnetism and Magnetic Materials, 2018, 452, 205-209.	2.3	3
52	Single crystal growth and anisotropic magnetic properties of HoAl ₂ Ge ₂ . AIP Advances, 2018, 8, 055709.	1.3	4
53	An unusual metallic behavior in a Ag ₄ SSe single crystal. AIP Conference Proceedings, 2018, , .	0.4	0
54	Low carrier semiconductor like behavior in Lu ₃ Ir ₄ Ge ₁₃ single crystal. AIP Conference Proceedings, 2018, , .	0.4	1

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55	Electronic states of CeT ₂ X ₂₀ (T:transition metal, X=Zn and Cd). AIP Advances, 2018, 8, 115017.	1.3	2
56	Orbital-dependent electron dynamics in Fe-pnictide superconductors. Physical Review B, 2018, 98, .	3.2	3
57	Magnetocrystalline anisotropy in the Kondo-lattice compound $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{CeAgAs} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ Physical Review B, 2018, 98, .	3.2	23
58	Vortex phase diagram study in the superconductor Ca ₃ Ir ₄ Sn ₁₃ . Materials Research Express, 2018, 5, 106002.	1.6	0
59	Extremely large magnetoresistance induced by Zeeman effect-driven electron-hole compensation and topological protection in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{MoSi} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ Physical Review B, 2018, 97, .	3.2	23
60	Growth and physical properties of Bi ₂ Sr ₂ CaCu ₂ O ₈ + crystals grown by a simple pressure technique and comparison with regrowth self-flux technique. Journal of Crystal Growth, 2018, 498, 277-288.	1.5	4
61	Unusual electronic properties of a low-temperature phase of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Ag} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ Physical Review Materials, 2018, 2, .	2.4	1
62	Probing the magnetic ground state of single crystalline Ce ₃ TiSb ₅ . Journal of Physics Condensed Matter, 2017, 29, 145601.	1.8	8
63	-BiPd: a clean noncentrosymmetric superconductor. Philosophical Magazine, 2017, 97, 3460-3476.	1.6	3
64	Evidence for bulk superconductivity in pure bismuth single crystals at ambient pressure. Science, 2017, 355, 52-55.	12.6	127
65	Superconducting and charge density wave transition in single crystalline LaPt ₂ Si ₂ . Journal of Physics Condensed Matter, 2017, 29, 255601.	1.8	18
66	Stripe order on the spin-1 stacked honeycomb lattice in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Ba} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Ni} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217 Td} \langle \text{mml:mi} \rangle$ Physical Review B, 2017, 95, .	3.2	62
67	Time-reversal symmetry breaking in the noncentrosymmetric superconductor $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Re} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 6 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$: Further evidence for unconventional behavior in the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{\Gamma}_\pm \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Mn family of Heat capacity evidence for proximity to the Kitaev quantum spin liquid in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{A} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ ($\langle \text{mml:math} \rangle$) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217 Td $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ Physical Review B, 2017, 95, .	3.2	62
68	Heat capacity evidence for proximity to the Kitaev quantum spin liquid in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{A} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ ($\langle \text{mml:math} \rangle$) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217 Td $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ Physical Review B, 2017, 95, .	3.2	62
69	Giant Rashba effect at the topological surface of PrGe revealing antiferromagnetic spintronics. Scientific Reports, 2017, 7, 4120.	3.3	11
70	Growth of high-quality Bi ₂ Sr ₂ CaCu ₂ O ₈ + $\hat{\Gamma}$ whiskers and electrical properties of resulting exfoliated flakes. Scientific Reports, 2017, 7, 3295.	3.3	8
71	High-pressure studies on the properties of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{FeGa} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$: Role of on-site Coulomb correlation. Physical Review B, 2017, 95, .	3.2	11
72	A revisit to the temperature dependence of electrical resistivity of $\hat{\Gamma}_\pm$ - Titanium at low temperatures. Physica B: Condensed Matter, 2017, 521, 175-177.	2.7	1

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73	Crystal structure and anisotropic magnetic properties of new ferromagnetic Kondo lattice compound Ce(Cu,Al,Si) ₂ . Journal of Magnetism and Magnetic Materials, 2017, 426, 144-149.	2.3	6
74	Switching effect in the magnetization response in a superconducting specimen of Ca ₃ Rh ₄ Sn ₁₃ . Journal Physics D: Applied Physics, 2016, 49, 185502.	2.8	2
75	Weakening of the spin density wave gap at low temperatures in single crystals. Physica Status Solidi (B): Basic Research, 2016, 253, 340-344.	1.5	2
76	Magnetic field dependence of magnetic domains in Co doped Mn ₂ Sb using magnetic force microscopy. AIP Conference Proceedings, 2016, , .	0.4	0
77	Orientalional coupling between the vortex lattice and the crystalline lattice in a weakly pinned Co _{0.0075} NbSe ₂ single crystal. Journal of Physics Condensed Matter, 2016, 28, 165701.	1.8	5
78	Magnetic properties and complex magnetic phase diagram in non-centrosymmetric EuRhGe ₃ and EuIrGe ₃ single crystals. Journal of Magnetism and Magnetic Materials, 2016, 401, 823-831.	2.3	16
79	Anisotropic physical properties of PrRhAl ₄ Si ₂ single crystal: A non-magnetic singlet ground state compound. Solid State Communications, 2016, 240, 24-27.	1.9	3
80	Kondo Lattice and Antiferromagnetic Behavior in Quaternary CeTAl ₄ Si ₂ (T =) Tj ETQq0 0 0 rgBT /Overlock 10	1.6	15
81	Synthesis and Characterization of ReS ₂ and ReSe ₂ Layered Chalcogenide Single Crystals. Chemistry of Materials, 2016, 28, 3352-3359.	6.7	162
82	Magnetic, specific heat and electrical transport properties of Frankâ€Kasper cage compounds RTM ₂ Al ₂₀ [R=Eu, Gd and La; TM=V, Ti]. Journal of Physics Condensed Matter, 2016, 28, 436002.	1.8	10
83	Superconducting properties of the noncentrosymmetric superconductor in a quasi-skutteruditeCeRe_3Os Physical Review B, 2016, 94, 020402.	3.6	11
84	Ferromagnetic ordering of minority in a quasi-skutteruditeCeCe_3Os Physical Review B, 2016, 94, 020403.	3.2	20
85	Electronic nature of the lock-in magnetic transition inCeCe_3X Physical Review B, 2016, 93, 020402.	3.2	11
86	Exploring metamagnetism of single crystallineEuNiGe_3 by neutron scattering. Physical Review B, 2016, 93, 020402.	3.2	11
87	Disorder-induced two-step melting of vortex matter in Co-intercalatedNbS_2 single crystals. Physical Review B, 2016, 93, 020402.	3.2	15
88	Layered transition metal dichalcogenides: promising near-lattice-matched substrates for GaN growth. Scientific Reports, 2016, 6, 23708.	3.3	76
89	Angular dependent study of spatial order-disorder transitions in the vortex matter of superconducting Yb ₃ Rh ₄ Sn ₁₃ . AIP Conference Proceedings, 2016, , .	0.4	3
90	Paramagnetic response and novel metastability effects in a single crystal of superconducting Ca ₃ Ir ₄ Sn ₁₃ . AIP Conference Proceedings, 2016, , .	0.4	0

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91	Noncentrosymmetric superconductivity in a clean crystal of type II superconductor Bi-Pd. Journal of Physics: Conference Series, 2016, 683, 012028.	0.4	1
92	Growth of micro-crystals in solution by in-situ heating via continuous wave infrared laser light and an absorber. Journal of Crystal Growth, 2016, 433, 43-47.	1.5	3
93	Magnetic anisotropy, unusual hysteresis and putative "up-up-down" magnetic structure in EuTAl ₄ Si ₂ (T _J = 0.78 K). Physical Review B, 2015, 91, 040407.	3.3	14
94	Evolution of magnetic, transport, and thermal properties in Na ₄ O ₈ . Physical Review B, 2015, 91, 040407.	3.2	13
95	Unconventional Superconductivity in Lu ₂ Ir ₃ Si ₅ . Physical Review Letters, 2015, 115, 267001.	3.2	20
96	Unconventional Superconductivity in La ₇ . Physical Review Letters, 2015, 115, 267001.	7.8	100
97	Disordering of the vortex lattice through successive destruction of positional and orientational order in a weakly pinned Co _{0.0075} NbSe ₂ single crystal. Scientific Reports, 2015, 5, 10613.	3.3	32
98	Elucidation of peak effect phenomenon in a single crystal of superconducting Ca ₃ Ir ₄ Sn ₁₃ . AIP Conference Proceedings, 2015, . .	0.4	1
99	Crystal growth and magnetic properties of equiatomic CeAl. Journal of Physics: Conference Series, 2015, 592, 012009.	0.4	4
100	Superconductivity in cubic noncentrosymmetric PdBiSe Crystal. Journal of Physics: Conference Series, 2015, 592, 012069.	0.4	9
101	Superconductivity in Lu ₃ Os ₄ Ge ₁₃ . Journal of Physics: Conference Series, 2015, 592, 012065.	0.4	3
102	Enhanced conduction band density of states in intermetallic EuT ₃ (T = Rh, Ir). Journal of Physics Condensed Matter, 2015, 27, 366001.	1.8	6
103	Anisotropic magnetic properties of EuAl ₂ Si ₂ . Journal of Physics: Conference Series, 2015, 592, 012045.	0.4	5
104	Coupling of rare earth moment and charge density wave ordering in a single crystal Er ₂ Ir ₃ Si ₅ . Journal of Physics: Conference Series, 2015, 592, 012094.	0.4	6
105	Multiband superconductivity in Lu ₃ Os ₄ Ge ₁₃ . Superconductor Science and Technology, 2015, 28, 115012.	3.5	9
106	Electronic transport properties of M ₂ Fe ₂ As ₂ (M = Ca, Eu, Sr) at ambient and high pressures up to 20 GPa. Superconductor Science and Technology, 2015, 28, 125010.	3.5	10
107	Electronic inhomogeneities in the superconducting phase of CaFe _{1.96} Ni _{0.04} As ₂ single crystals. Solid State Communications, 2015, 204, 41-46.	1.9	2
108	Evidence of surface superconductivity and multi-quanta vortex states in a weakly-pinned single crystal of Ca ₃ Ir ₄ Sn ₁₃ . Physica C: Superconductivity and Its Applications, 2015, 509, 42-48.	1.2	4

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109	Critical Behavior of Magnetic Phase Transitions in R_2CoGa_8 ($R = Tj, ET, Qq$) 1081-1085.	1.0784314 2.1	1
110	Gate tuned weak antilocalization effect in calcium doped Bi_2Se_3 topological insulators. Solid State Communications, 2015, 220, 45-48.	1.9	10
111	Magnetic, thermal and transport behavior in single crystalline RCu_2Ge_2 ($R=La, Ce, Pr$ and Sm) compounds. Journal of Magnetism and Magnetic Materials, 2015, 377, 325-333.	2.3	7
112	Unveiling of Bragg glass to vortex glass transition by an ac driving force in a single crystal of $Yb_3Rh_4Sn_{13}$. Superconductor Science and Technology, 2015, 28, 085013.	3.5	5
113	Magnetic properties of the tetragonal $RCuGa_3$ ($R=Pr, Nd$ and Gd) single crystals. Journal of Magnetism and Magnetic Materials, 2015, 386, 37-43.	2.3	11
114	Crystal structure and physical properties of $CePt_{2.4}Al_{0.6}$. Journal of Alloys and Compounds, 2015, 622, 483-488.	5.5	4
115	Superconductivity in $Y_3Ru_4Ge_{13}$ and $Lu_3Os_4Ge_{13}$: A comparative study. Journal of Physics: Conference Series, 2014, 568, 022039.	0.4	3
116	Probing Anisotropy in a New Noncentrosymmetric Superconductor $BiPd$. , 2014, , .		2
117	Charge density wave in $Er_2Ir_3Si_5$ single crystal. , 2014, , .		1
118	Electronic structure of Co-Ni-Ga Heusler alloys studied by resonant photoemission. , 2014, , .		0
119	Tuning electron-electron correlation in noncentrosymmetric superconductor $BiPd$. , 2014, , .		2
120	Anisotropic magnetic properties of $Dy_6Cr_4Al_{13}$ single crystal. AIP Conference Proceedings, 2014, , .	0.4	1
121	Superconductivity in a low carrier density system: A single crystal study of cubic $Y_3Ru_4Ge_{13}$. AIP Conference Proceedings, 2014, , .	0.4	1
122	Temperature dependent tunneling study of $CaFe_{1.96}Ni_{0.04}As_2$ single crystals. , 2014, , .		1
123	Anisotropic superconductivity in noncentrosymmetric $BiPd$. Physical Review B, 2014, 89, .	3.2	32
124	Complex temperature evolution of the electronic structure of $CaFe_2As_2$. Journal of Applied Physics, 2014, 115, 123901.	2.5	15
125	Complex temperature evolution of the electronic structure of $CaFe_2As_2$ and inelastic neutron scattering investigations of the noncentrosymmetric antiferromagnet $CeNiC_2$. Physical Review B, 2014, 90, .	3.2	14
126	Pressure induced valence change of Eu in $EuFe_2As_2$ at low temperature and high pressures probed by resonant inelastic x-ray scattering. Applied Physics Letters, 2014, 104, .	3.3	15

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127	Magnetic transition in 122 pnictides XFe_2As_2 ($X=Ca, Sr$) probed by hyperfine interaction of ^{66}Ga . Journal of Magnetism and Magnetic Materials, 2014, 349, 240-243.	2.3	0
128	Magnetocaloric effect near the second order ferromagnetic transition in superstructure $R_{15}Si_9C$ compounds ($R=Gd, Tb$ and Dy). Journal of Alloys and Compounds, 2014, 588, 720-724.	5.5	5
129	Crystal Growth and Crystal Structure of $EuPtIn_4$. Crystal Growth and Design, 2014, 14, 2747-2752.	3.0	5
130	Physical, optical and nonlinear properties of InS single crystal. Optical Materials, 2014, 36, 616-620.	3.6	13
131	Dual role of an ac driving force and the underlying two distinct order-disorder transitions in the vortex phase diagram of $Ca_3Ir_4Sn_{13}$. Physica C: Superconductivity and Its Applications, 2014, 506, 69-75.	1.2	7
132	Anisotropic magnetic behavior of single crystalline $CeTiGe_3$ and $CeVGe_3$. Journal of Physics Condensed Matter, 2014, 26, 326003.	1.8	12
133	Estimate of the Coulomb correlation energy in $CeAg_2Ge_2$ from inverse photoemission and high resolution photoemission spectroscopy. Journal of Physics Condensed Matter, 2014, 26, 335502.	1.8	8
134	Anisotropic magnetic properties and giant magnetocaloric effect of single-crystal $PrSi$. Physical Review B, 2014, 89, .	3.2	31
135	Thermal properties and Ising critical behavior in $EuFe_2As_2$. Journal of Alloys and Compounds, 2014, 617, 534-537.	5.5	10
136	$EuNiGe_3$, an anisotropic antiferromagnet. Journal of Physics Condensed Matter, 2014, 26, 216001.	1.8	33
137	Synthesis, Crystal and Electronic Structure of the Quaternary Magnetic $EuTl_4Si_2$ ($T = Rh$ and Ir) Compounds. Inorganic Chemistry, 2014, 53, 1443-1448.	4.0	9
138	Magnetic Properties of Single Crystalline $CeMg_{12}$. , 2014, . .		0
139	Exchange bias effect in polycrystalline Sr_2IrO_4 . Journal of Physics: Conference Series, 2014, 568, 042020.	0.4	1
140	Superconductivity in a low carrier density system: A single crystal study of cubic $Y_3Ru_4Ge_{13}$. Physica C: Superconductivity and Its Applications, 2013, 492, 90-95.	1.2	10
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