Arvind Maurya

List of Publications by Year
in descending order

26	218	1040056 9	1058476 14
papers	citations	h-index	g-index

27	27	27	307
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	EuNiGe₃, an anisotropic antiferromagnet. Journal of Physics Condensed Matter, 2014, 26, 216001.	1.8	33
2	Stripe order on the spin-1 stacked honeycomb lattice in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="bold">Ba</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="bold">Ni</mml:mi><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:msub><mml:mi) Tj ETQq0 0 0 rgBT /Overlock	3.2	19
3	Physical Review B, 2017, 95, . Facile fabrication of lateral nanowire wrap-gate devices with improved performance. Applied Physics Letters, 2011, 99, .	3.3	18
4	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
5	Kondo Lattice and Antiferromagnetic Behavior in Quaternary CeTAl₄Si₂ (T =) Tj ETQq1 1 0.784314 rgBT /Ov	1.6	15
6	Superconducting Properties of CeIr₃ Single Crystal. Journal of the Physical Society of Japan, 2018, 87, 053704.	1.6	14
7	Extremely large magnetoresistance, anisotropic Hall effect, and Fermi surface topology in single-crystalline <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">W</mml:mi><mml:msub><mml:mi>Si</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:ma Physical Review B, 2020, 102, .	3.2	13
8	Splitting Fermi Surfaces and Heavy Electronic States in Non-Centrosymmetric U₃Ni₃Sn₄. Journal of the Physical Society of Japan, 2018, 87, 044703.	1.6	11
9	Magnetic Fluctuation and First-Order Transition in Trillium Lattice of EuPtSi Observed by ¹⁵¹Eu MÃ¶ssbauer Spectroscopy. Journal of the Physical Society of Japan, 2019, 88, 094702.	1.6	10
10	Synthesis, Crystal and Electronic Structure of the Quaternary Magnetic EuTAl₄Si₂ (T = Rh and Ir) Compounds. Inorganic Chemistry, 2014, 53, 1443-1448.	4.0	9
11	Magnetic anisotropy, unusual hysteresis and putative â€œup-up-downâ€•magnetic structure in EuTAl4Si2 (T) Tj ETQq1 1 0.784314 rgB	3.3	9
12	Anisotropy of upper critical field and surface superconducting state in the intermediate-valence superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CeIr</mml:mi><mml:mn>3</mml:mn></mml:msub></mm Physical Review B, 2020, 102, .	3.2	8
13	Enhanced conduction band density of states in intermetallic EuTSi3(T = Rh, Ir). Journal of Physics Condensed Matter, 2015, 27, 366001.	1.8	6
14	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
15	Strong magnetic anisotropy and unusual magnetic field reinforced phase in URhSn with a quasi-kagome structure. Physical Review B, 2020, 102, .	3.2	6
16	Anisotropic magnetic properties of EuAl₂Si₂. Journal of Physics: Conference Series, 2015, 592, 012045.	0.4	5
17	Anisotropic magnetic properties and crystal electric field studies on CePd₂Ge₂single crystal. Journal of Physics Condensed Matter, 2013, 25, 435603.	1.8	4
18	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

#	Article	IF	Citations
19	Magnetic Properties of Heavy Fermion Compound Ce5Si4 with Chiral Structure. Journal of the Physical Society of Japan, 2018, 87, 074701.	1.6	3
20	Pressure-induced multicriticality and electronic instability in the quasi-kagome ferromagnet URhSn. Physical Review B, 2021, 104, .	3.2	3
21	Orbital crossing in spin-split Fermi surfaces and anisotropic effective mass of the noncentrosymmetric heavy-fermion paramagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>UPt</mml:mi><mml:mn>5</mml:mn></mml:msub></m Physical Review B, 2020, 102, .	3.2	2
22	Single-crystal growth and magnetic phase diagram of the enantiopure crystal of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>NdPt</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mn></mn mathvariant="normal">B</mml:mi></mml:mrow></mml:math>. Physical Review Materials, 2021, 5, .	2.4	2
23	de Haasâ€“van Alphen Effect and Fermi Surface Properties in Single-Crystalline ThCu2Si2. Journal of the Physical Society of Japan, 2020, 89, 094703.	1.6	2
24	Anisotropic magnetic properties of Dy6Cr4Al43 single crystal. AIP Conference Proceedings, 2014, , .	0.4	1
25	Single Crystal Growth and de Haasâ€“van Alphen Effect of Non-Centrosymmetric Heavy-Fermion Compound UPt₅. , 2020, , .		0
26	Magnetic and transport properties of new ternary uranium-based germanide U2Rh3Ge5. Journal of Physics Condensed Matter, 2020, 32, 495804.	1.8	0