

# Arvind Maurya

## List of Publications by Year in descending order

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26  
papers

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citations

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docs citations

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times ranked

307  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-crystal growth and magnetic phase diagram of the enantiopure crystal of $\text{NdPt}_2\text{B}$ . Physical Review Materials, 2021, 5, .	3.2	2
2	Pressure-induced multicriticality and electronic instability in the quasi-kagome ferromagnet URhSn. Physical Review B, 2021, 104, .	3.2	3
3	Extremely large magnetoresistance, anisotropic Hall effect, and Fermi surface topology in single-crystalline $\text{W}_2\text{Si}_2$ . Physical Review B, 2020, 102, .	3.2	13
4	Strong magnetic anisotropy and unusual magnetic field reinforced phase in URhSn with a quasi-kagome structure. Physical Review B, 2020, 102, .	3.2	6
5	Orbital crossing in spin-split Fermi surfaces and anisotropic effective mass of the noncentrosymmetric heavy-fermion paramagnet $\text{UPt}_5$ . Physical Review B, 2020, 102, .	3.2	2
6	Anisotropy of upper critical field and surface superconducting state in the intermediate-valence superconductor $\text{CeIr}_3$ . Physical Review B, 2020, 102, .	3.2	8
7	Single Crystal Growth and de Haas-van Alphen Effect of Non-Centrosymmetric Heavy-Fermion Compound $\text{UPt}_5$ . , 2020, , .		0
8	Magnetic and transport properties of new ternary uranium-based germanide $\text{U}_2\text{Rh}_3\text{Ge}_5$ . Journal of Physics Condensed Matter, 2020, 32, 495804.	1.8	0
9	de Haas-van Alphen Effect and Fermi Surface Properties in Single-Crystalline $\text{ThCu}_2\text{Si}_2$ . Journal of the Physical Society of Japan, 2020, 89, 094703.	1.6	2
10	Magnetic Fluctuation and First-Order Transition in Trillium Lattice of $\text{EuPtSi}$ Observed by $^{151}\text{Eu}$ Mossbauer Spectroscopy. Journal of the Physical Society of Japan, 2019, 88, 094702.	1.6	10
11	Superconducting Properties of $\text{CeIr}_3$ Single Crystal. Journal of the Physical Society of Japan, 2018, 87, 053704.	1.6	14
12	Magnetic Properties of Heavy Fermion Compound $\text{Ce}_5\text{Si}_4$ with Chiral Structure. Journal of the Physical Society of Japan, 2018, 87, 074701.	1.6	3
13	Splitting Fermi Surfaces and Heavy Electronic States in Non-Centrosymmetric $\text{U}_3\text{Ni}_3\text{Sn}_4$ . Journal of the Physical Society of Japan, 2018, 87, 044703.	1.6	11
14	Stripe order on the spin-1 stacked honeycomb lattice in $\text{Ba}_2\text{Ni}_2\text{TjETQqO}_0\text{rgBT}$ . Physical Review B, 2017, 95, .	3.2	19
15	Crystal structure and anisotropic magnetic properties of new ferromagnetic Kondo lattice compound $\text{Ce}(\text{Cu},\text{Al},\text{Si})_2$ . Journal of Magnetism and Magnetic Materials, 2017, 426, 144-149.	2.3	6
16	Magnetic properties and complex magnetic phase diagram in non-centrosymmetric $\text{EuRhGe}_3$ and $\text{EuIrGe}_3$ single crystals. Journal of Magnetism and Magnetic Materials, 2016, 401, 823-831.	2.3	16
17	Anisotropic physical properties of $\text{PrRhAl}_4\text{Si}_2$ single crystal: A non-magnetic singlet ground state compound. Solid State Communications, 2016, 240, 24-27.	1.9	3
18	Kondo Lattice and Antiferromagnetic Behavior in Quaternary $\text{CeTAl}_4\text{Si}_2$ ( $T = \text{Tj, ETQq, O, rgBT}$ ). Overlock 10	1.6	15

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19	Magnetic anisotropy, unusual hysteresis and putative "up-up-down" magnetic structure in $\text{EuTAl}_4\text{Si}_2$ (T = Rh, Ir). <i>Journal of Physics Condensed Matter</i> , 2015, 27, 366001.	3.3	14
20	Enhanced conduction band density of states in intermetallic $\text{EuT}_2\text{Si}_3$ (T = Rh, Ir). <i>Journal of Physics Condensed Matter</i> , 2015, 27, 366001.	1.8	6
21	Anisotropic magnetic properties of $\text{EuAl}_2\text{Si}_2$ . <i>Journal of Physics: Conference Series</i> , 2015, 592, 012045.	0.4	5
22	Anisotropic magnetic properties of $\text{Dy}_6\text{Cr}_4\text{Al}_3$ single crystal. <i>AIP Conference Proceedings</i> , 2014, , .	0.4	1
23	$\text{EuNiGe}_3$ , an anisotropic antiferromagnet. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 216001.	1.8	33
24	Synthesis, Crystal and Electronic Structure of the Quaternary Magnetic $\text{EuTAl}_4\text{Si}_2$ (T = Rh and Ir) Compounds. <i>Inorganic Chemistry</i> , 2014, 53, 1443-1448.	4.0	9
25	Anisotropic magnetic properties and crystal electric field studies on $\text{CePd}_2\text{Ge}_2$ single crystal. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 435603.	1.8	4
26	Facile fabrication of lateral nanowire wrap-gate devices with improved performance. <i>Applied Physics Letters</i> , 2011, 99, .	3.3	18