

# Eve Emmanouilidou

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ultrahigh nitrogen-vacancy center concentration in diamond. Carbon, 2022, 188, 393-400.	5.4	9
2	Unconventional Pressure-Driven Metamagnetic Transitions in Topological van der Waals Magnets. Nano Letters, 2022, 22, 5523-5529.	4.5	9
3	Nonlinear nanoelectrodynamics of a Weyl metal. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	15
4	A van der Waals antiferromagnetic topological insulator with weak interlayer magnetic coupling. Nature Communications, 2020, 11, 97.	5.8	176
5	NdOel-type antiferromagnetic order and magnetic field <sup>3</sup> temperature phase diagram in the spin-rare-earth honeycomb compound $\text{YbCl}_3$ . Physical Review B, 2020, 102, .	1.1	40
6	Lattice distortion and electronic structure of BaAg <sub>2</sub> As <sub>2</sub> across its nonmagnetic phase transition. Physical Review B, 2020, 101, .	1.1	1
7	Fermiology and type-I superconductivity in the chiral superconductor $\text{Nb}_3\text{Te}_2\text{O}_7$ with Kramers-Weyl fermions. Physical Review B, 2020, 102, .	1.1	9
8	Structural distortion and incommensurate noncollinear magnetism in $\text{EuAg}_4\text{As}_2$ . Physical Review Materials, 2020, 4, .	1.1	10
9	Nontrivial topology in the layered Dirac nodal-line semimetal candidate $\text{SrZnSb}_2$ with distorted Sb square nets. Physical Review B, 2019, 100, .	1.1	12
10	Spin-flop phase transition in the orthorhombic antiferromagnetic topological semimetal $\text{Cu}_{0.95}\text{MnAs}$ . Journal of Magnetism and Magnetic Materials, 2019, 469, 570-573.	1.0	7
11	Observation of superconductivity in the pressurized Weyl-semimetal candidate $\text{TaIrTe}_4$ . Physical Review B, 2019, 99, .	1.1	20
12	Significant change in the electronic behavior associated with structural distortions in monocrystalline $\text{SrAg}_4\text{As}_2$ . Physical Review B, 2018, 98, .	1.1	10
13	Coexistence of tunable Weyl points and topological nodal lines in ternary transition-metal telluride $\text{TaIrTe}_4$ . Physical Review B, 2018, 97, .	1.1	26
14	Topological surface electronic states in candidate nodal-line semimetal $\text{CaAgAs}$ . Physical Review B, 2017, 96, .	1.1	51
15	Magnetotransport properties of the single-crystalline nodal-line semimetal candidates $\text{CaT}_2\text{X}_4$ . Physical Review B, 2017, 95, .	1.1	10
16	Magnetic order induces symmetry breaking in the single-crystalline orthorhombic $\text{CuMnAs}$ semimetal. Physical Review B, 2017, 96, .	1.1	22
17	Scanned probe imaging of nanoscale magnetism at cryogenic temperatures with a single-spin quantum sensor. Nature Nanotechnology, 2016, 11, 700-705.	15.6	153
18	Effect of interlayer coupling on the coexistence of antiferromagnetism and superconductivity in Fe pnictide superconductors: A study of $\text{Ca}_{0.74}\text{FeAs}_2$ . Physical Review B, 2016, 93, .	1.1	10