

# Emilie Lefrançois

## List of Publications by Year in descending order

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12  
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#	ARTICLE	IF	CITATIONS
1	Charge Density Waves in $\text{YBa}_2\text{Cu}_6\text{O}_{7-x}$ Probed by Resonant X-Ray Scattering under Uniaxial Comp. Physical Review Letters, 2021, 126, 037002.	2.9	26
2	Fragmented monopole crystal, dimer entropy, and Coulomb interactions in $\text{Dy}_2\text{O}_7$ . Physical Review Research, 2020, 2, .	1.3	15
3	-edge resonant inelastic x-ray scattering of orbital and spin excitations in $\text{NdBa}_2\text{Cu}_3\text{O}_{7-x}$ . Physical Review B, 2019, 99, .	1.1	35
4	Spin decoupling under a staggered field in the $\text{Gd}_2\text{O}_7$ pyrochlore. Physical Review B, 2019, 99, .	1.1	11
5	Probing the energy gap of high-temperature cuprate superconductors by resonant inelastic x-ray scattering. Npj Quantum Materials, 2018, 3, .	1.8	13
6	Uniaxial pressure control of competing orders in a high-temperature superconductor. Science, 2018, 362, 1040-1044.	6.0	122
7	Re-entrant charge order in overdoped $(\text{Bi,Pb})_{2.12}\text{Sr}_{1.88}\text{CuO}_6+\delta$ outside the pseudogap regime. Nature Materials, 2018, 17, 697-702.	13.3	93
8	Fragmentation in spin ice from magnetic charge injection. Nature Communications, 2017, 8, 209. <a href="#">Magnetic properties of the honeycomb oxide</a>	5.8	37
9	Magnetic properties of the honeycomb oxide $\text{Na}_2\text{CoTeO}_6$ . Physical Review B, 2016, 94, .	1.1	90
10	Anisotropic interactions opposing magnetocrystalline anisotropy in $\text{Sr}_3\text{Ir}_2\text{O}_{10}$ . Physical Review B, 2016, 93, .	3.1	16
11	Anisotropy-Tuned Magnetic Order in Pyrochlore Iridates. Physical Review Letters, 2015, 114, 247202.	2.9	40
12	Magnetic order in the frustrated Ising-like chain compound $\text{Sr}_3\text{Ir}_2\text{O}_{10}$ . Physical Review B, 2014, 90, .	1.1	27