

# Alexandre Juneau-Fecteau

## List of Publications by Year in descending order

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docs citations

18  
times ranked

1271  
citing authors

#	ARTICLE	IF	CITATIONS
1	A practical Tamm plasmon sensor based on porous Si. AIP Advances, 2021, 11, .	1.3	18
2	Toward applications of near-field radiative heat transfer with micro-hotplates. Scientific Reports, 2021, 11, 14347.	3.3	5
3	Microfabricated Membranes for Radiative Near Field Measurements. , 2019, , .		3
4	Tamm phonon-polaritons: Localized states from phonon-light interactions. Applied Physics Letters, 2019, 114, .	3.3	14
5	Tamm plasmon-polaritons in a metal coated porous silicon photonic crystal. Optical Materials Express, 2018, 8, 2774.	3.0	31
6	Enhanced Coherent Thermal Emission From SiO2 on a Porous Silicon Photonic Crystal. , 2017, , .		0
7	Expansion of the tetragonal magnetic phase with pressure in the iron arsenide superconductor $Ba_{1-x}K_xFe_2As_2$ . Physical Review B, 2016, 93, .	3.2	19
8	Doping evolution of the superconducting gap structure in the underdoped iron arsenide $Ba_{1-x}K_xFe_2As_2$ by thermal conductivity. Physical Review B, 2016, 93, .	3.3	15
9	First experimental demonstration of a Self-Oscillating Fluidic Heat Engine (SOFHE) with piezoelectric power generation. Journal of Physics: Conference Series, 2016, 773, 012039.	0.4	13
10	Universal V-shaped temperature-pressure phase diagram in the iron-based superconductors $KFe_2As_2$ and $TcFe_2As_2$ . Physical Review B, 2015, 91, .	3.2	29
11	Pressure-induced Fermi-surface reconstruction in the iron-arsenide superconductor $Ba_{1-x}K_xFe_2As_2$ . Physical Review B, 2015, 91, .	3.2	36
12	Direct measurement of the upper critical field in cuprate superconductors. Nature Communications, 2014, 5, 3280.	12.8	171
13	Superconductivity in the noncentrosymmetric half-Heusler compound LuPtBi: A candidate for topological superconductivity. Physical Review B, 2013, 87, .	3.2	135
14	Sudden reversal in the pressure dependence of $T_c$ in the iron-based superconductor $KFe_2As_2$ . Nature Physics, 2013, 9, 349-352.	16.7	119
15	A Multimodal Micro-Optrode Combining Field and Single Unit Recording, Multispectral Detection and Photolabeling Capabilities. PLoS ONE, 2013, 8, e57703.	2.5	28
16	Pressure-induced Fermi-surface reconstruction in the iron-arsenide superconductor $Ba_{1-x}K_xFe_2As_2$ . Physical Review B, 2015, 91, .	3.2	54
17	Evidence of a d-wave state in the iron-arsenide superconductor $Ba_{1-x}K_xFe_2As_2$ . Physical Review Letters, 2012, 109, 087001.	7.8	155
18	From d-wave to s-wave pairing in the iron-pnictide superconductor $(Ba,K)Fe_2As_2$ . Superconductor Science and Technology, 2012, 25, 084013.	3.5	50