

# Tomas Polakovic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2486277/publications.pdf>

Version: 2024-02-01

10  
papers

283  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

532  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong Coupling between Magnons and Microwave Photons in On-Chip Ferromagnet-Superconductor Thin-Film Devices. <i>Physical Review Letters</i> , 2019, 123, 107701.	7.8	121
2	Coherent Coupling of Two Remote Magnonic Resonators Mediated by Superconducting Circuits. <i>Physical Review Letters</i> , 2022, 128, 047701.	7.8	44
3	Evolution of Metastable Defects and Its Effect on the Electronic Properties of MoS2 Films. <i>Scientific Reports</i> , 2018, 8, 6724.	3.3	40
4	Room temperature deposition of superconducting niobium nitride films by ion beam assisted sputtering. <i>APL Materials</i> , 2018, 6, 076107.	5.1	26
5	Unconventional Applications of Superconducting Nanowire Single Photon Detectors. <i>Nanomaterials</i> , 2020, 10, 1198.	4.1	22
6	Superconducting nanowires as high-rate photon detectors in strong magnetic fields. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 959, 163543.	1.6	16
7	Controlling $T_c$ of iridium films using the proximity effect. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	7
8	Temperature-dependent anisotropic magnetoresistance and spin-torque-driven vortex dynamics in a single microdisk. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	4
9	Individual vortex nucleation/annihilation in ferromagnetic nanodots with broken symmetry observed by micro-Hall magnetometry. <i>AIP Advances</i> , 2015, 5, 117205.	1.3	2
10	Metastable defects in monolayer and few-layer films of MoS2. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	1