

# Muhammad Tahir Naseem

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/793965/publications.pdf>

Version: 2024-02-01

11  
papers

211  
citations

1163117

8  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

143  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic consistency of the optomechanical master equation. <i>Physical Review A</i> , 2018, 98, .	2.5	43
2	Quantum optical two-atom thermal diode. <i>Physical Review E</i> , 2019, 99, 042121.	2.1	36
3	Tunable multiwindow magnomechanically induced transparency, Fano resonances, and slow-to-fast light conversion. <i>Physical Review A</i> , 2020, 102, .	2.5	35
4	Minimal quantum heat manager boosted by bath spectral filtering. <i>Physical Review Research</i> , 2020, 2, .	3.6	24
5	Two-body quantum absorption refrigerators with optomechanical-like interactions. <i>Quantum Science and Technology</i> , 2020, 5, 035006.	5.8	18
6	Heat rectification by two qubits coupled with Dzyaloshinskii-Moriya interaction. <i>Physical Review E</i> , 2021, 104, 054137.	2.1	16
7	Ground-state cooling of mechanical resonators by quantum reservoir engineering. <i>Communications Physics</i> , 2021, 4, .	5.3	15
8	Quantum heat engine with a quadratically coupled optomechanical system. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, 3000.	2.1	11
9	Antibunching via cooling by heating. <i>Physical Review A</i> , 2022, 105, .	2.5	5
10	All optical control of magnetization in quantum confined ultrathin magnetic metals. <i>Scientific Reports</i> , 2021, 11, 15976.	3.3	4
11	Engineering entanglement between resonators by hot environment. <i>Quantum Science and Technology</i> , 0, , .	5.8	4