

# E MykkÄnen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1484960/publications.pdf>

Version: 2024-02-01

14  
papers

114  
citations

1307594

7  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Realisation of a quantum current standard at liquid helium temperature with sub-ppm reproducibility. Metrologia, 2020, 57, 025013.	1.2	23
2	Traceable Coulomb blockade thermometry. Metrologia, 2017, 54, 69-76.	1.2	19
3	Superconducting MoSi nanowires. Superconductor Science and Technology, 2018, 31, 015002.	3.5	12
4	Reducing current noise in cryogenic experiments by vacuum-insulated cables. Review of Scientific Instruments, 2016, 87, 105111.	1.3	11
5	Thermionic junction devices utilizing phonon blocking. Science Advances, 2020, 6, eaax9191.	10.3	11
6	Driving a low critical current Josephson junction array with a mode-locked laser. Applied Physics Letters, 2021, 119, .	3.3	11
7	New Evaluation of $T-T_{2000}$ from 0.02 K to 1 K by Independent Thermodynamic Methods. International Journal of Thermophysics, 2016, 37, 1.	2.1	10
8	Enhancement of Superconductivity by Amorphizing Molybdenum Silicide Films Using a Focused Ion Beam. Nanomaterials, 2020, 10, 950.	4.1	5
9	Thermal-Conductivity Measurement of Thermoelectric Materials Using $3\omega$ Method. International Journal of Thermophysics, 2015, 36, 3255-3271.	2.1	4
10	Characterizing superconducting filters using residual microwave background. Superconductor Science and Technology, 2017, 30, 055006.	3.5	4
11	Cascaded superconducting junction refrigerators: Optimization and performance limits. Applied Physics Letters, 2021, 119, .	3.3	3
12	Phonon-blocked junction refrigerators for cryogenic quantum devices. , 2020, , .		1
13	Methods for Electrical Cooling and Thermometry of a Suspended Silicon Chip. , 2018, , .		0
14	Fabrication and Studies of Silicide-Based Superconducting Nanowires. , 2018, , .		0