# Tjerk Oosterkam

List of Publications by Year
in descending order



| 13 | 393 | 1040056 9 | 1281871 11 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 14 | 14 | 14 | 636 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Upper Bounds on Spontaneous Wave-Function Collapse Models Using Millikelvin-Cooled Nanocantilevers. Physical Review Letters, 2016, 116, 090402. | 7.8 | 85 |
| 2 | Deterministic nanoassembly of a coupled quantum emitterâ€“photonic crystal cavity system. Applied Physics Letters, 2011, 98, . | 3.3 | 83 |
| 3 | Nanopositioning of a diamond nanocrystal containing a single nitrogen-vacancy defect center. Applied Physics Letters, 2009, 94, 173104. | 3.3 | 76 |
| 4 | Atomic resolution scanning tunneling microscopy in a cryogen free dilution refrigerator at 15 mK. Review of Scientific Instruments, 2014, 85, 035112. | 1.3 | 41 |
| 5 | A superconducting quantum interference device based read-out of a subattonewton force sensor operating at millikelvin temperatures. Applied Physics Letters, 2011, 98, 133105. | 3.3 | 38 |
| 6 | Vibration isolation with high thermal conductance for a cryogen-free dilution refrigerator. Review of Scientific Instruments, 2019, 90, 015112. | 1.3 | 26 |
| 7 | High sensitivity SQUID-detection and feedback-cooling of an ultrasoft microcantilever. Applied Physics Letters, 2012, 101, . | 3.3 | 13 |
| 8 | Fast and reliable pre-approach for scanning probe microscopes based on tip-sample capacitance. Ultramicroscopy, 2017, 181, 61-69. | 1.9 | 13 |
| 9 | Dissipation and resonance frequency shift of a resonator magnetically coupled to a semiclassical spin. Scientific Reports, 2017, 7, 42239. | 3.3 | 10 |
| 10 | Frequency domain multiplexing of force signals with application to magnetic resonance force microscopy. Applied Physics Letters, 2010, 96, . | 3.3 | 6 |
| 11 | Feasibility of imaging in nuclear magnetic resonance force microscopy using Boltzmann polarization. Journal of Applied Physics, 2019, 125, 083901. | 2.5 | 2 |
| 12 | 10.1063/1.3271033.1. , 2010, , . | | 0 |
| 13 | An Experimental Proposal to Study Collapse of the Wave Function in Travelingâ€Wave Parametric Amplifiers. Physica Status Solidi (B): Basic Research, 2021, 258, 2000567. | 1.5 | 0 |