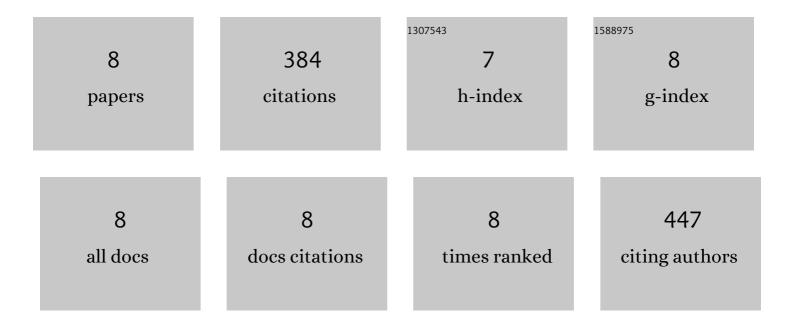
Sergey Fedorov

List of Publications by Year in descending order

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SEDCEV FEDODOV

#	Article	IF	CITATIONS
1	Elastic strain engineering for ultralow mechanical dissipation. Science, 2018, 360, 764-768.	12.6	219
2	Generalized dissipation dilution in strained mechanical resonators. Physical Review B, 2019, 99, .	3.2	47
3	Fractal-like Mechanical Resonators with a Soft-Clamped Fundamental Mode. Physical Review Letters, 2020, 124, 025502.	7.8	31
4	Strained crystalline nanomechanical resonators with quality factors above 10 billion. Nature Physics, 2022, 18, 436-441.	16.7	31
5	Hierarchical tensile structures with ultralow mechanical dissipation. Nature Communications, 2022, 13, .	12.8	21
6	Thermal intermodulation noise in cavity-based measurements. Optica, 2020, 7, 1609.	9.3	15
7	Two-stage laser cooling and optical trapping of thulium atoms. Laser Physics, 2014, 24, 074018.	1.2	13
8	Improved measurement of the hyperfine structure of the laser cooling level \$\$4f^{12}(^3H_6)5d_{5/2}6s^2\$\$ 4 f 12 (3 H 6) 5 d 5 / 2 6 s 2 \$\$(J=9/2)\$\$ (J = 9 / 2) in \$\${}^169} { 69}{{mathrm {Tm}}}\$\$ 69 169 Tm_Applied Physics B: Lasers and Optics_2015_121_275-282	2.2	7

\$\${}^{169}_{,,,69}{{mathrm {Tm}}}\$\$ 69 169 Tm. Applied Physics B: Lasers and Optics, 2015, 121, 275-282.