

Ryan Schilling

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3379702/publications.pdf>

Version: 2024-02-01

7
papers

589
citations

1683354
5
h-index

2053342
5
g-index

7
all docs

7
docs citations

7
times ranked

842
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Measurement-based control of a mechanical oscillator at its thermal decoherence rate. Nature, 2015, 524, 325-329. | 13.7 | 245 |
| 2 | Elastic strain engineering for ultralow mechanical dissipation. Science, 2018, 360, 764-768. | 6.0 | 219 |
| 3 | Appearance and Disappearance of Quantum Correlations in Measurement-Based Feedback Control of a Mechanical Oscillator. Physical Review X, 2017, 7, . | 2.8 | 52 |
| 4 | Generalized dissipation dilution in strained mechanical resonators. Physical Review B, 2019, 99, . | 1.1 | 47 |
| 5 | Clamp-Tapering Increases the Quality Factor of Stressed Nanobeams. Nano Letters, 2019, 19, 2329-2333. | 4.5 | 25 |
| 6 | Force metrology using quantum correlations of light due to a room-temperature mechanical oscillator. , 2017, , . | | 1 |
| 7 | Ultra-low dissipation mechanical resonators for cavity optomechanics. , 2019, , . | | 0 |