

Christian S Jacobsen

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

824
citations

687363

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677142

22
g-index

24
all docs

24
docs citations

24
times ranked

883
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | High-rate measurement-device-independent quantum cryptography. <i>Nature Photonics</i> , 2015, 9, 397-402. | 31.4 | 334 |
| 2 | Behavior of charge-transfer absorption upon passing through the neutral-ionic phase transition. <i>Journal of Chemical Physics</i> , 1983, 78, 112-115. | 3.0 | 115 |
| 3 | Interparticle interactions in composites of nanoparticles of ferrimagnetic ($\text{Fe}_3\text{Fe}_2\text{O}_3$) and antiferromagnetic (CoO, NiO) materials. <i>Physical Review B</i> , 2004, 70, . | 3.2 | 68 |
| 4 | Continuous-variable quantum computing on encrypted data. <i>Nature Communications</i> , 2016, 7, 13795. | 12.8 | 42 |
| 5 | Reply to 'Discrete and continuous variables for measurement-device-independent quantum cryptography'. <i>Nature Photonics</i> , 2015, 9, 773-775. | 31.4 | 37 |
| 6 | Size-dependent effects in exchange-biased planar Hall effect sensor crosses. <i>Journal of Applied Physics</i> , 2011, 109, . | 2.5 | 25 |
| 7 | Interfacial, electrical, and spin-injection properties of epitaxial Co_2MnGa grown on $\text{GaAs}(100)$. <i>Journal of Applied Physics</i> , 2009, 105, . | 2.5 | 21 |
| 8 | Spin injection from Co_2MnGa into an InGaAs quantum well. <i>Applied Physics Letters</i> , 2008, 92, 232101. | 3.3 | 20 |
| 9 | Hybrid Spintronic Structures With Magnetic Oxides and Heusler Alloys. <i>IEEE Transactions on Magnetics</i> , 2008, 44, 2959-2965. | 2.1 | 17 |
| 10 | Continuous Variable Quantum Key Distribution with a Noisy Laser. <i>Entropy</i> , 2015, 17, 4654-4663. | 2.2 | 17 |
| 11 | Complete elimination of information leakage in continuous-variable quantum communication channels. <i>Npj Quantum Information</i> , 2018, 4, . | 6.7 | 17 |
| 12 | Improved current transport properties of post annealed $\text{Y}_1\text{Ba}_2\text{Cu}_3\text{O}_{7-x}$ thin films using Ag doping. <i>Journal of Applied Physics</i> , 1996, 79, 7062-7068. | 2.5 | 15 |
| 13 | Low Temperature Infrared Studies of TTF-TCNQ. <i>Molecular Crystals and Liquid Crystals</i> , 1982, 85, 137-145. | 0.8 | 14 |
| 14 | Infrared Properties of the Organic Semiconductor $\text{MEM}(\text{TCNQ})_2$ for Polarization Perpendicular to the TCNQ Stacks. <i>Physica Status Solidi (B): Basic Research</i> , 1988, 145, K149. | 1.5 | 14 |
| 15 | Structural vs electronic origin of renormalized band widths in TTF-TCNQ: An angular dependent NEXAFS study. <i>Physical Review B</i> , 2007, 76, . | 3.2 | 14 |
| 16 | Twin beam quantum-enhanced correlated interferometry for testing fundamental physics. <i>Communications Physics</i> , 2020, 3, . | 5.3 | 14 |
| 17 | Single-quadrature continuous-variable quantum key distribution. <i>Quantum Information and Computation</i> , 2016, 16, 1081-1095. | 0.3 | 13 |
| 18 | Compact, low-threshold squeezed light source. <i>Optics Express</i> , 2019, 27, 37877. | 3.4 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Synthesis and Properties of Trimethyl-TSF Containing Alloys of the TMTSF ₂ Family. Molecular Crystals and Liquid Crystals, 1985, 119, 277-281. | 0.8 | 7 |
| 20 | Quantum cryptography with an ideal local relay. , 2015, , . | | 4 |
| 21 | Environment-assisted bosonic quantum communications. Npj Quantum Information, 2021, 7, . | 6.7 | 4 |
| 22 | Inductance mode characteristics of a ceramic YBa ₂ Cu ₃ O ₇ radio-frequency superconducting quantum interference device at 77 K. Journal of Applied Physics, 1993, 74, 3572-3575. | 2.5 | 1 |