

Pengcheng Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7645829/publications.pdf>

Version: 2024-02-01

8
papers

170
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

206
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Quantum Fisher information measurement and verification of the quantum Cram  r-Rao bound in a solid-state qubit. Npj Quantum Information, 2022, 8, . | 6.7 | 17 |
| 2 | Precise Spectroscopy of High-Frequency Oscillating Fields with a Single-Qubit Sensor. Physical Review Applied, 2021, 15, . | 3.8 | 10 |
| 3 | Experimental estimation of the quantum Fisher information from randomized measurements. Physical Review Research, 2021, 3, . | 3.6 | 17 |
| 4 | Experimental measurement of the quantum geometric tensor using coupled qubits in diamond. National Science Review, 2020, 7, 254-260. | 9.5 | 59 |
| 5 | Quantum optimal control using phase-modulated driving fields. Physical Review A, 2020, 102, . | 2.5 | 18 |
| 6 | Complete Quantum-State Tomography with a Local Random Field. Physical Review Letters, 2020, 124, 010405. | 7.8 | 14 |
| 7 | Observation of Floquet Raman Transition in a Driven Solid-State Spin System. Physical Review Letters, 2018, 121, 210501. | 7.8 | 28 |
| 8 | Unambiguous nuclear spin detection using an engineered quantum sensing sequence. Physical Review A, 2017, 96, . | 2.5 | 7 |