

Charles Tahan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1305697/publications.pdf>

Version: 2024-02-01

9
papers

243
citations

1307594

7
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

300
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Modulated longitudinal gates on encoded spin qubits via curvature couplings to a superconducting cavity. <i>Physical Review B</i> , 2021, 103, . | 3.2 | 8 |
| 2 | Quantum-limited measurement of spin qubits via curvature couplings to a cavity. <i>Physical Review B</i> , 2019, 99, . | 3.2 | 16 |
| 3 | Induced quantum dot probe for material characterization. <i>Applied Physics Letters</i> , 2019, 114, . | 3.3 | 9 |
| 4 | Barrier versus tilt exchange gate operations in spin-based quantum computing. <i>Physical Review B</i> , 2018, 97, . | 3.2 | 14 |
| 5 | Entangling distant resonant exchange qubits via circuit quantum electrodynamics. <i>Physical Review B</i> , 2016, 94, . | 3.2 | 41 |
| 6 | Charge-noise-insensitive gate operations for always-on, exchange-only qubits. <i>Physical Review B</i> , 2016, 93, . | 3.2 | 52 |
| 7 | Relaxation of excited spin, orbital, and valley qubit states in ideal silicon quantum dots. <i>Physical Review B</i> , 2014, 89, . | 3.2 | 54 |
| 8 | On-chip cavity quantum phonodynamics with an acceptor qubit in silicon. <i>Physical Review B</i> , 2013, 88, . | 3.2 | 44 |
| 9 | Opinion: Democratizing Spin Qubits. <i>Quantum - the Open Journal for Quantum Science</i> , 0, 5, 584. | 0.0 | 5 |