

Serge Haroche

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

5,484
citations

516710

16
h-index

839539

18
g-index

26
all docs

26
docs citations

26
times ranked

3930
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A sensitive electrometer based on a Rydberg atom in a Schrödinger-cat state. , 2017, , . | | 0 |
| 2 | A sensitive electrometer based on a Rydberg atom in a Schrödinger-cat state. Nature, 2016, 535, 262-265. | 27.8 | 142 |
| 3 | Bohr's Legacy in Cavity QED. Progress in Mathematical Physics, 2016, , 103-146. | 0.4 | 0 |
| 4 | Quantum State Control with Atoms and Cavities. , 2015, , . | | 0 |
| 5 | Controlling photons in a box and exploring the quantum to classical boundary. International Journal of Modern Physics A, 2014, 29, 1430026. | 1.5 | 2 |
| 6 | Confined quantum Zeno dynamics of a watched atomic arrow. Nature Physics, 2014, 10, 715-719. | 16.7 | 109 |
| 7 | Nobel Lecture: Controlling photons in a box and exploring the quantum to classical boundary. Reviews of Modern Physics, 2013, 85, 1083-1102. | 45.6 | 415 |
| 8 | Controlling Photons in a Box and Exploring the Quantum to Classical Boundary (Nobel Lecture). Angewandte Chemie - International Edition, 2013, 52, 10158-10178. | 13.8 | 30 |
| 9 | Atomic clocks for controlling light fields. Physics Today, 2013, 66, 27-32. | 0.3 | 19 |
| 10 | Controlling photons in a box and exploring the quantum to classical boundary. Annalen Der Physik, 2013, 525, 753-776. | 2.4 | 16 |
| 11 | Über die Kontrolle von Photonen im Kasten und die Erforschung des Übergangs von der Quanten- zur klassischen Welt (Nobel-Aufsatz). Angewandte Chemie, 2013, 125, 10344-10366. | 2.0 | 0 |
| 12 | Real-time quantum feedback prepares and stabilizes photon number states. Nature, 2011, 477, 73-77. | 27.8 | 449 |
| 13 | Reconstruction of non-classical cavity field states with snapshots of their decoherence. Nature, 2008, 455, 510-514. | 27.8 | 471 |
| 14 | A short history of Cavity Quantum Electrodynamics. , 2007, , CTuF2. | | 4 |
| 15 | Quantum jumps of light recording the birth and death of a photon in a cavity. Nature, 2007, 446, 297-300. | 27.8 | 499 |
| 16 | Progressive field-state collapse and quantum non-demolition photon counting. Nature, 2007, 448, 889-893. | 27.8 | 401 |
| 17 | Observing Quantum Jumps of Light by Quantum-Non-Demolition Measurement. , 2007, , . | | 0 |
| 18 | Step by step engineered entanglement with atoms and photons in a cavity. AIP Conference Proceedings, 2001, , . | 0.4 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Step-by-Step Engineered Multiparticle Entanglement. <i>Science</i> , 2000, 288, 2024-2028. | 12.6 | 610 |
| 20 | Quantum Computing: Dream or Nightmare?. <i>Physics Today</i> , 1996, 49, 51-52. | 0.3 | 129 |
| 21 | New Tests of Quantum Theory. <i>Annals of the New York Academy of Sciences</i> , 1995, 755, 73-86. | 3.8 | 26 |
| 22 | Direct measurement of the van der Waals interaction between an atom and its images in a micron-sized cavity. <i>Physical Review Letters</i> , 1992, 68, 3432-3435. | 7.8 | 175 |
| 23 | Cavity Quantum Electrodynamics. <i>Physics Today</i> , 1989, 42, 24-30. | 0.3 | 587 |
| 24 | L'atome habillé : une étude théorique et expérimentale des propriétés physiques d'atomes en interaction avec des photons de radiofréquence. <i>Annales De Physique</i> , 1971, 14, 189-326. | 0.2 | 87 |
| 25 | L'atome habillé : une étude théorique et expérimentale des propriétés physiques d'atomes en interaction avec des photons de radiofréquence. <i>Annales De Physique</i> , 1971, 14, 327-387. | 0.2 | 25 |