

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	Step-by-Step Engineered Multiparticle Entanglement. Science, 2000, 288, 2024-2028.	12.6	610
2	Cavity Quantum Electrodynamics. Physics Today, 1989, 42, 24-30.	0.3	587
3	Quantum jumps of light recording the birth and death of a photon in a cavity. Nature, 2007, 446, 297-300.	27.8	499
4	Reconstruction of non-classical cavity field states with snapshots of their decoherence. Nature, 2008, 455, 510-514.	27.8	471
5	Real-time quantum feedback prepares and stabilizes photon number states. Nature, 2011, 477, 73-77.	27.8	449
6	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
7	Progressive field-state collapse and quantum non-demolition photon counting. Nature, 2007, 448, 889-893.	27.8	401
8	Direct measurement of the van der Waals interaction between an atom and its images in a micron-sized cavity. Physical Review Letters, 1992, 68, 3432-3435.	7.8	175
9	A sensitive electrometer based on a Rydberg atom in a Schrödinger-cat state. Nature, 2016, 535, 262-265.	27.8	142
10	Quantum Computing: Dream or Nightmare?. Physics Today, 1996, 49, 51-52.	0.3	129
11	Confined quantum Zeno dynamics of a watched atomic arrow. Nature Physics, 2014, 10, 715-719.	16.7	109
12	L'atome habillé : une étude théorique et expérimentale des propriétés physiques d'atomes en interaction avec des photons de radiofréquence. Annales De Physique, 1971, 14, 189-326.	0.2	87
13	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
14	New Tests of Quantum Theory. Annals of the New York Academy of Sciences, 1995, 755, 73-86.	3.8	26
15	L'atome habillé : une étude théorique et expérimentale des propriétés physiques d'atomes en interaction avec des photons de radiofréquence. Annales De Physique, 1971, 14, 327-387.	0.2	25
16	Atomic clocks for controlling light fields. Physics Today, 2013, 66, 27-32.	0.3	19
17	Controlling photons in a box and exploring the quantum to classical boundary. Annalen Der Physik, 2013, 525, 753-776.	2.4	16
18	A short history of Cavity Quantum Electrodynamics. , 2007, , CTuF2.		4

#	ARTICLE	IF	CITATIONS
19	Controlling photons in a box and exploring the quantum to classical boundary. International Journal of Modern Physics A, 2014, 29, 1430026.	1.5	2
20	Step by step engineered entanglement with atoms and photons in a cavity. AIP Conference Proceedings, 2001, , .	0.4	0
21	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
22	Quantum State Control with Atoms and Cavities. , 2015, , .		0
23	Bohr's Legacy in Cavity QED. Progress in Mathematical Physics, 2016, , 103-146.	0.4	0
24	Observing Quantum Jumps of Light by Quantum-Non-Demolition Measurement. , 2007, , .		0
25	A sensitive electrometer based on a Rydberg atom in a Schrödinger-cat state. , 2017, , .		0