

Margaret Hawton

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

223
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

71
citing authors

#	ARTICLE	IF	CITATIONS
1	Photon position operator with commuting components. <i>Physical Review A</i> , 1999, 59, 954-959.	2.5	44
2	Photon wave functions in a localized coordinate space basis. <i>Physical Review A</i> , 1999, 59, 3223-3227.	2.5	40
3	Photon position operators and localized bases. <i>Physical Review A</i> , 2001, 64, .	2.5	38
4	Asymmetry in the excitonic Wannier-Stark ladder: A mechanism for the stimulated emission of terahertz radiation. <i>Physical Review B</i> , 2000, 62, R4829-R4832.	3.2	32
5	Angular momentum and the geometrical gauge of localized photon states. <i>Physical Review A</i> , 2005, 71, .	2.5	17
6	Maxwell meets Reehâ€“Schlieder: The quantum mechanics of neutral bosons. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2017, 381, 1926-1935.	2.1	12
7	Maxwell quantum mechanics. <i>Physical Review A</i> , 2019, 100, .	2.5	12
8	Photon position eigenvectors, Wignerâ€™s little group, and Berryâ€™s phase. <i>Journal of Mathematical Physics</i> , 2019, 60, .	1.1	7
9	Photon quantum mechanics in real Hilbert space. <i>Physical Review A</i> , 2021, 104, .	2.5	7
10	Excitonic approach to the ultrafast optical response of semiconductors. <i>Physical Review B</i> , 2007, 76, .	3.2	6
11	QED Response of the Vacuum. <i>Physics</i> , 2020, 2, 14-21.	1.4	6
12	Quantum field theory and classical optics: determining the fine structure constant. <i>Journal of Physics: Conference Series</i> , 2017, 793, 012017.	0.4	2