

Avraham Gover

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

643
citations

1040056

9
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

589
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of electron Airy beams. Nature, 2013, 494, 331-335.	27.8	368
2	Free-Electronâ€œBound-Electron Resonant Interaction. Physical Review Letters, 2020, 124, 064801.	7.8	70
3	Spontaneous and stimulated emissions of a preformed quantum free-electron wave function. Physical Review A, 2019, 99, .	2.5	45
4	Dimension-dependent stimulated radiative interaction of a single electron quantum wavepacket. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 1550-1555.	2.1	43
5	Spontaneous and stimulated radiative emission of modulated free-electron quantum wavepacketsâ€œsemiclassical analysis. Journal of Physics Communications, 2018, 2, 115026.	1.2	36
6	Anomalous Photon-Induced Near-Field Electron Microscopy. Physical Review Letters, 2019, 122, 183204.	7.8	32
7	Quantum Wave-Particle Duality in Free-Electronâ€œBound-Electron Interaction. Physical Review Letters, 2021, 126, 244801.	7.8	16
8	Effective pulse reverse-engineering for strong fieldâ€œmatter interaction. Optics Letters, 2020, 45, 3597.	3.3	11
9	Coherence Limits of Free Electron Lasers. IEEE Journal of Quantum Electronics, 2010, 46, 1511-1517.	1.9	9
10	Beyond Fermiâ€™s golden rule in free-electron quantum electrodynamics: acceleration/radiation correspondence. New Journal of Physics, 2021, 23, 063070.	2.9	9
11	Gover and Yariv Reply:. Physical Review Letters, 2021, 126, 019502.	7.8	4
12	Control of SASE power and enhancement of FEL coherence by plasma wave dilation. , 2008, , .		0
13	Quantum-to-classical transition of laser-shaped ultrafast free electrons in phase space. , 2021, , .		0