

Benjamin Rousseaux

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

233
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

277
citing authors

#	ARTICLE	IF	CITATIONS
1	Transmon in a semi-infinite high-impedance transmission line: Appearance of cavity modes and Rabi oscillations. <i>Physical Review Research</i> , 2021, 3, .	3.6	4
2	Semiclassical analysis of dark-state transient dynamics in waveguide circuit QED. <i>Physical Review A</i> , 2020, 101, .	2.5	4
3	Strong coupling as an interplay of quantum emitter hybridization with plasmonic dark and bright modes. <i>Physical Review Research</i> , 2020, 2, .	3.6	12
4	Non-hermitian Hamiltonian description for quantum plasmonics: from dissipative dressed atom picture to Fano states. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019, 52, 055404.	1.5	21
5	Quantum plasmonics with multi-emitters: application to stimulated Raman adiabatic passage. <i>European Physical Journal D</i> , 2018, 72, 1.	1.3	11
6	Quantum description and emergence of nonlinearities in strongly coupled single-emitter nanoantenna systems. <i>Physical Review B</i> , 2018, 98, .	3.2	32
7	Dressed states of a quantum emitter strongly coupled to a metal nanoparticle. <i>Optics Letters</i> , 2016, 41, 4480.	3.3	37
8	Mode-selective quantization and multimodal effective models for spherically layered systems. <i>Physical Review A</i> , 2016, 94, .	2.5	22
9	Adiabatic passage mediated by plasmons: A route towards a decoherence-free quantum plasmonic platform. <i>Physical Review B</i> , 2016, 93, .	3.2	36
10	Arbitrary qudit gates by adiabatic passage. <i>Physical Review A</i> , 2013, 87, .	2.5	54