

Lorenzo De Santis

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,561
citations

1040056

9
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

1924
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the Stark Effect on a Centrosymmetric Quantum Emitter in Diamond. Physical Review Letters, 2021, 127, 147402.	7.8	20
2	Quantum Control of the Tin-Vacancy Spin Qubit in Diamond. Physical Review X, 2021, 11, .	8.9	30
3	Coherent control of the tin-vacancy spin qubit in diamond. , 2021, , .		0
4	Large-scale integration of artificial atoms in hybrid photonic circuits. Nature, 2020, 583, 226-231.	27.8	248
5	Transform-Limited Photons From a Coherent Tin-Vacancy Spin in Diamond. Physical Review Letters, 2020, 124, 023602.	7.8	119
6	Design and fabrication of a 128-channel array of quantum memories in hybrid photonic circuits. , 2020, , .		0
7	A 128-channel diamond quantum memory array integrated in a microphotonic chip. , 2020, , .		1
8	Generation of non-classical light in a photon-number superposition. Nature Photonics, 2019, 13, 803-808.	31.4	39
9	Quantum Optics with Tin-Vacancy Emitters in Diamond. , 2019, , .		0
10	A solid-state single-photon filter. Nature Nanotechnology, 2017, 12, 663-667.	31.5	66
11	Reducing Phonon-Induced Decoherence in Solid-State Single-Photon Sources with Cavity Quantum Electrodynamics. Physical Review Letters, 2017, 118, 253602.	7.8	74
12	Scalable performance in solid-state single-photon sources. Optica, 2016, 3, 433.	9.3	106
13	Near-optimal single-photon sources in the solid state. Nature Photonics, 2016, 10, 340-345.	31.4	858