

# Samuele Grandi

## List of Publications by Year in descending order

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18  
papers

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citations

840119

11  
h-index

996533

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g-index

18  
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18  
docs citations

18  
times ranked

527  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimode capacity of atomic-frequency comb quantum memories. <i>Quantum Science and Technology</i> , 2022, 7, 035024.	2.6	18
2	Storage and analysis of light-matter entanglement in a fiber-integrated system. <i>Science Advances</i> , 2022, 8, .	4.7	12
3	Telecom-heralded entanglement between multimode solid-state quantum memories. <i>Nature</i> , 2021, 594, 37-40.	13.7	122
4	Spectroscopy of Rubidium with a Tuneable Single Photon Source. , 2021, , .		0
5	Entanglement between a Telecom Photon and an On-Demand Multimode Solid-State Quantum Memory. <i>Physical Review Letters</i> , 2021, 127, 210502.	2.9	31
6	Telecom-heralded entanglement distribution between remote multimode solid-state quantum memories. , 2021, , .		0
7	Single-Photon-Level Sub-Doppler Pump-Probe Spectroscopy of Rubidium. <i>Physical Review Applied</i> , 2020, 14, .	1.5	4
8	Hybrid plasmonic waveguide coupling of photons from a single molecule. <i>APL Photonics</i> , 2019, 4, .	3.0	25
9	Efficient excitation of dye molecules for single photon generation. <i>Journal of Physics Communications</i> , 2018, 2, 115027.	0.5	13
10	Experimental quantum tomography of a homodyne detector. <i>New Journal of Physics</i> , 2017, 19, 053015.	1.2	29
11	Quantum dynamics of a driven two-level molecule with variable dephasing. <i>Physical Review A</i> , 2016, 94, .	1.0	27
12	Stable, single-photon emitter in a thin organic crystal for application to quantum-photonics devices. <i>Optics Express</i> , 2016, 24, 5615.	1.7	36
13	Coupling Dye Molecules to a Silicon Nitride Waveguide. , 2016, , .		1
14	Growth of optical-quality anthracene crystals doped with dibenzoterrylene for controlled single photon production. <i>Review of Scientific Instruments</i> , 2015, 86, 083106.	0.6	16
15	Properties of hybrid entanglement between discrete- and continuous-variable states of light. <i>Physica Scripta</i> , 2015, 90, 074045.	1.2	11
16	Experimental hybrid entanglement between quantum and classical states of light. <i>International Journal of Quantum Information</i> , 2014, 12, 1560015.	0.6	5
17	Generation of hybrid entanglement of light. <i>Nature Photonics</i> , 2014, 8, 564-569.	15.6	156
18	Quantum Process Nonclassicality. <i>Physical Review Letters</i> , 2013, 110, 160401.	2.9	35