

# Samuele Grandi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5739461/publications.pdf>

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18  
papers

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citations

840119

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