

Tobias Huber

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5166624/publications.pdf>

Version: 2024-02-01

19
papers

617
citations

840728

11
h-index

940516

16
g-index

20
all docs

20
docs citations

20
times ranked

722
citing authors

#	ARTICLE	IF	CITATIONS
1	Deterministic Photon Pairs and Coherent Optical Control of a Single Quantum Dot. Physical Review Letters, 2013, 110, 135505.	7.8	131
2	Time-bin entangled photons from a quantum dot. Nature Communications, 2014, 5, 4251.	12.8	127
3	Polarization Entangled Photons from Quantum Dots Embedded in Nanowires. Nano Letters, 2014, 14, 7107-7114.	9.1	73
4	Quantum non-Gaussian Depth of Single-Photon States. Physical Review Letters, 2014, 113, 223603.	7.8	52
5	Hyperentanglement of Photons Emitted by a Quantum Dot. Physical Review Letters, 2018, 121, 110503.	7.8	43
6	Efficiency vs multi-photon contribution test for quantum dots. Optics Express, 2014, 22, 4789.	3.4	39
7	A solid state source of photon triplets based on quantum dot molecules. Nature Communications, 2017, 8, 15716.	12.8	35
8	Optimal excitation conditions for indistinguishable photons from quantum dots. New Journal of Physics, 2015, 17, 123025.	2.9	31
9	Coherence and degree of time-bin entanglement from quantum dots. Physical Review B, 2016, 93, .	3.2	23
10	Filter-free single-photon quantum dot resonance fluorescence in an integrated cavity-waveguide device. Optica, 2020, 7, 380.	9.3	21
11	Measurement and modification of biexciton-exciton time correlations. Optics Express, 2013, 21, 9890.	3.4	19
12	Simultaneous, Full Characterization of a Single-Photon State. Physical Review X, 2017, 7, .	8.9	9
13	Interfacing a quantum dot with a spontaneous parametric down-conversion source. Quantum Science and Technology, 2017, 2, 034016.	5.8	5
14	Effects of photo-neutralization on the emission properties of quantum dots. Optics Express, 2016, 24, 21794.	3.4	4
15	Technological implementation of a photonic Bier-Glas cavity. Physical Review Materials, 2021, 5, .	2.4	3
16	Hyper-Entanglement of Photons Emitted by a Quantum Dot. , 2017, , .		1
17	Coherent two-photon excitation of quantum dots. , 2016, , .		0
18	Hyperentanglement of photons emitted by a quantum dot. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Hyperentanglement of Photons Emitted by a Quantum Dot. , 2017, , .		0