

# Kelley Rivoire

## List of Publications by Year in descending order

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27  
papers

1,236  
citations

567281

15  
h-index

940533

16  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1811  
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineered quantum dot single-photon sources. Reports on Progress in Physics, 2012, 75, 126503.	20.1	323
2	Deterministic Coupling of a Single Nitrogen Vacancy Center to a Photonic Crystal Cavity. Nano Letters, 2010, 10, 3922-3926.	9.1	309
3	Second harmonic generation in gallium phosphide photonic crystal nanocavities with ultralow continuous wave pump power. Optics Express, 2009, 17, 22609.	3.4	147
4	Gallium phosphide photonic crystal nanocavities in the visible. Applied Physics Letters, 2008, 93, .	3.3	66
5	Multiply resonant photonic crystal nanocavities for nonlinear frequency conversion. Optics Express, 2011, 19, 22198.	3.4	65
6	Effect of probe pressure on cervical fluorescence spectroscopy measurements. Journal of Biomedical Optics, 2004, 9, 523.	2.6	49
7	Second harmonic generation in GaP photonic crystal waveguides. Applied Physics Letters, 2011, 98, 263113.	3.3	44
8	Optical fiber tips functionalized with semiconductor photonic crystal cavities. Applied Physics Letters, 2011, 99, .	3.3	43
9	Fast quantum dot single photon source triggered at telecommunications wavelength. Applied Physics Letters, 2011, 98, .	3.3	35
10	Sum-frequency generation in doubly resonant GaP photonic crystal nanocavities. Applied Physics Letters, 2010, 97, 043103.	3.3	28
11	Tunable-wavelength second harmonic generation from GaP photonic crystal cavities coupled to fiber tapers. Optics Express, 2010, 18, 12176.	3.4	27
12	Lithographic positioning of fluorescent molecules on high-Q photonic crystal cavities. Applied Physics Letters, 2009, 95, 123113.	3.3	26
13	Photoluminescence from $\text{Ga}_{0.5}\text{As}_{0.5}$ quantum dots coupled to photonic crystal cavities. Physical Review B, 2012, 85, .	3.2	25
14	Multiply resonant high quality photonic crystal nanocavities. Applied Physics Letters, 2011, 99, .	3.3	22
15	The effects of repeated spectroscopic pressure measurements on fluorescence intensity in the cervix. American Journal of Obstetrics and Gynecology, 2004, 191, 1606-1617.	1.3	21
16	Quasiresonant excitation of InP/InGaP quantum dots using second harmonic generated in a photonic crystal cavity. Applied Physics Letters, 2012, 101, .	3.3	3
17	Fast quantum dot single photon source triggered at telecommunications wavelength. , 2011, , .		3
18	Tunable light sources in the visible and near infrared based on fiber taper coupled photonic crystal nanocavities. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
19	Quantum dot-nanocavity devices for information processing. , 2011, , .		0
20	Multiply Resonant Photonic Crystal Nanocavities with Broadband Tunability. , 2011, , .		0
21	A hybrid quantum photonic interface for solid state qubits. Proceedings of SPIE, 2011, , .	0.8	0
22	Photonic crystal cavities: From nonlinear optics at a few photons level, to fast, energy efficient information processing. , 2011, , .		0
23	(Solid state) cavity QED for quantum and classical information processing. , 2011, , .		0
24	Optical Fiber Tips Functionalized with Semiconductor Photonic Crystal Cavities. , 2012, , .		0
25	Quantum dot-nanocavity devices for information processing. , 2010, , .		0
26	Fast quantum dot single photon source triggered at telecommunications wavelength. , 2011, , .		0
27	Multiply Resonant High Quality Photonic Crystal Nanocavities. , 2011, , .		0