

Bryan Ellis

List of Publications by Year in descending order

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28
papers

1,082
citations

687220

13
h-index

887953

17
g-index

28
all docs

28
docs citations

28
times ranked

1414
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultralow-threshold electrically pumped quantum-dot photonic-crystal nanocavity laser. Nature Photonics, 2011, 5, 297-300.	15.6	377
2	Bulk GaN flip-chip violet light-emitting diodes with optimized efficiency for high-power operation. Applied Physics Letters, 2015, 106, .	1.5	197
3	Ultrafast direct modulation of a single-mode photonic crystal nanocavity light-emitting diode. Nature Communications, 2011, 2, 539.	5.8	116
4	Nanobeam photonic crystal cavity quantum dot laser. Optics Express, 2010, 18, 8781.	1.7	96
5	The ultra-violet spectra of some heterocyclic thioamides and hydrogen bonding. Spectrochimica Acta, 1966, 22, 2005-2032.	1.3	40
6	Electrically pumped photonic crystal nanocavity light sources using a laterally doped p-i-n junction. Applied Physics Letters, 2010, 96, .	1.5	38
7	High light extraction efficiency in bulk-GaN based volumetric violet light-emitting diodes. Applied Physics Letters, 2014, 105, .	1.5	37
8	Ultra-low power fiber-coupled gallium arsenide photonic crystal cavity electro-optic modulator. Optics Express, 2011, 19, 7530.	1.7	30
9	The ultra-violet spectra of thiazole and benzthiazole. Spectrochimica Acta, 1965, 21, 1881-1892.	1.3	28
10	Nanobeam photonic crystal cavity light-emitting diodes. Applied Physics Letters, 2011, 99, 071105.	1.5	28
11	Dynamics of quantum dot photonic crystal lasers. Applied Physics Letters, 2007, 90, 151102.	1.5	27
12	Electrically controlled modulation in a photonic crystal nanocavity. Optics Express, 2009, 17, 15409.	1.7	26
13	Electrically Driven Photonic Crystal Nanocavity Devices. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 1700-1710.	1.9	23
14	The infra-red spectra and hydrogen bonding of heterocyclic thioamides. Spectrochimica Acta Part A: Molecular Spectroscopy, 1972, 28, 1899-1907.	0.1	10
15	Electrical properties of GaAs photonic crystal cavity lateral p-i-n diodes. Applied Physics Letters, 2012, 101, 011104.	1.5	4
16	Electrically driven photonic crystal nanocavity devices. , 2012, , .		3
17	Electrical design for lateral junction photonic crystal lasers. Proceedings of SPIE, 2013, , .	0.8	1
18	Physics and Applications of Quantum Dots in Photonic Crystals. Nanoscience and Technology, 2009, , 299-329.	1.5	1

#	ARTICLE	IF	CITATIONS
19	Fast and energy efficient optical switches and modulators based on photonic crystals. , 2010, , .		0
20	Low power consumption electrically pumped photonic crystal membrane devices. Proceedings of SPIE, 2011, , .	0.8	0
21	Ultra-Low Threshold and High Speed Electrically Driven Photonic Crystal Nanocavity Lasers and LEDs. , 2012, , .		0
22	Ultrafast Direct Modulation of a Single-Mode Photonic Crystal Nanocavity Light-Emitting Diode. , 2012, , .		0
23	Photonic crystal nanocavity lasers and modulators. , 2012, , .		0
24	Electrically controlled photonic crystal nanocavity sources and modulators. , 2013, , .		0
25	Nonlinear Optical Processes in Photonic Crystal Microcavities. , 2007, , .		0
26	Ultra-low Threshold Electrically Pumped Quantum Dot Photonic Crystal Nanocavity Laser. , 2011, , .		0
27	Ultra-low Threshold Electrically Pumped Quantum Dot Photonic Crystal Nanocavity Laser. , 2011, , .		0
28	Photonic Crystal Cavity Lasers. , 2012, , 131-158.		0