

# A L Bradley

## List of Publications by Year in descending order

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35  
papers

438  
citations

840776

11  
h-index

752698

20  
g-index

35  
all docs

35  
docs citations

35  
times ranked

442  
citing authors

#	ARTICLE	IF	CITATIONS
1	Off-resonance surface plasmon enhanced spontaneous emission from CdTe quantum dots. Applied Physics Letters, 2006, 89, 253118.	3.3	109
2	Two-photon-induced photoconductivity enhancement in semiconductor microcavities: a theoretical investigation. Journal of the Optical Society of America B: Optical Physics, 2002, 19, 2396.	2.1	42
3	Two-photon absorption photocurrent enhancement in bulk AlGaAs semiconductor microcavities. Applied Physics Letters, 2002, 80, 1328-1330.	3.3	37
4	Growth of CuCl thin films by magnetron sputtering for ultraviolet optoelectronic applications. Journal of Applied Physics, 2006, 100, 033520.	2.5	37
5	In-band OSNR monitoring using a pair of Michelson fiber interferometers. Optics Express, 2010, 18, 3618.	3.4	33
6	Room-temperature ultraviolet luminescence from $\text{I}^3\text{-CuCl}$ grown on near lattice-matched silicon. Journal of Applied Physics, 2005, 98, 113512.	2.5	31
7	Confined optical modes in small photonic molecules with semiconductor nanocrystals. Journal of Applied Physics, 2004, 96, 6761-6765.	2.5	22
8	Hybrid organic-inorganic spin-on-glass CuCl films for optoelectronic applications. Journal Physics D: Applied Physics, 2009, 42, 225307.	2.8	21
9	Chromatic Dispersion Monitoring of 80-Gb/s OTDM Data Signal via Two-Photon Absorption in a Semiconductor Microcavity. IEEE Photonics Technology Letters, 2007, 19, 21-23.	2.5	17
10	Evaluation of the chemical, electronic and optoelectronic properties of $\text{I}^3\text{-CuCl}$ thin films and their fabrication on Si substrates. Journal Physics D: Applied Physics, 2007, 40, 3461-3467.	2.8	13
11	Carrier density dependence of plasmon-enhanced nonradiative energy transfer in a hybrid quantum well-quantum dot structure. Optics Express, 2015, 23, 1377.	3.4	12
12	Polarization dependence of a GaAs-based two-photon absorption microcavity photodetector. Optics Express, 2008, 16, 17682.	3.4	8
13	Optical properties of CuCl films on silicon substrates. Physica Status Solidi (B): Basic Research, 2008, 245, 2808-2814.	1.5	7
14	Chromatic Dispersion Monitoring for High-Speed WDM Systems Using Two-Photon Absorption in a Semiconductor Microcavity. IEEE Journal of Quantum Electronics, 2009, 45, 223-232.	1.9	7
15	Electroluminescence of $\text{I}^3\text{-CuBr}$ thin films via vacuum evaporation depositon. Journal Physics D: Applied Physics, 2010, 43, 165101.	2.8	7
16	Influence of Cavity Lifetime on High-Finesse Microcavity Two-Photon Absorption Photodetectors. IEEE Photonics Technology Letters, 2007, 19, 432-434.	2.5	5
17	Characterisation of n-type $\text{I}^3\text{-CuCl}$ on Si for UV optoelectronic applications. Journal of Materials Science: Materials in Electronics, 2007, 18, 57-60.	2.2	5
18	Experimental Investigation of Polarization Effects in Semiconductor Optical Amplifiers and Implications for All-Optical Switching. Journal of Lightwave Technology, 2008, 26, 2977-2985.	4.6	5

#	ARTICLE	IF	CITATIONS
19	UV emission on a Si substrate: Optical and structural properties of $\hat{\text{I}}^3\text{-CuCl}$ on Si grown using liquid phase epitaxy techniques. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009, 206, 923-926.	1.8	5
20	Chromatic Dispersion Monitoring for High-Speed WDM Systems Using Two-Photon Absorption in a Semiconductor Microcavity. <i>IEEE Journal of Quantum Electronics</i> , 2009, 45, 90-99.	1.9	4
21	Interferometer based in-band OSNR monitoring of single and dual polarisation QPSK signals. , 2010, , .		4
22	Dispersion Monitoring for High-Speed WDM Networks via Two-Photon Absorption in a Semiconductor Microcavity. , 2006, , .		2
23	Coupled cavity modes in photonic molecules with semiconductor nanocrystals. , 2005, , .		1
24	Polarization Resolved Four-Wave-Mixing-Based Measurement in Bulk Material Semiconductor Optical Amplifier. , 2006, , .		1
25	Polarisation Dependent Dynamics in Bulk Semiconductor Optical Amplifiers. , 2006, , .		1
26	Chiral Ag nanostructure arrays as optical antennas. , 2015, , .		1
27	Enhancing Förster nonradiative energy transfer via plasmon interaction. , 2016, , .		1
28	All-optical sampling based on two-photon absorption in a semiconductor microcavity for high-speed OTDM. , 2005, , .		0
29	Photonic molecules modes in resonantly coupled spherical microcavities with semiconductor nanocrystals. , 2005, , .		0
30	Photonic molecules modes in resonantly coupled spherical microcavities with semiconductor nanocrystals. , 2007, , .		0
31	Plasmon-enhanced energy transfer in a hybrid system using silver nanobox array geometries. , 2015, , .		0
32	Plasmon-enhanced non-radiative energy transfer in a hybrid quantum well structure. , 2015, , .		0
33	Ag nanoparticle decorated graphene oxide: Fluorescence quenching and surface enhanced raman scattering. , 2016, , .		0
34	Enhancing the electrical properties of $\text{MoS}_2$ through nonradiative energy transfer. , 2017, , .		0
35	Tuning Metasurfaces with Phase Change Materials. , 2019, , .		0