

# 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  | Tuning Metasurfaces with Phase Change Materials. , 2019, , .  |     | 0         |
| 2  | Enhancing the electrical properties of MoS <sub>2</sub> through nonradiative energy transfer. , 2017, , .   |     | 0         |
| 3  | Enhancing Förster nonradiative energy transfer via plasmon interaction. , 2016, , .   |     | 1         |
| 4  | Ag nanoparticle decorated graphene oxide: Fluorescence quenching and surface enhanced raman scattering. , 2016, , .   |     | 0         |
| 5  | Chiral Ag nanostructure arrays as optical antennas. , 2015, , .   |     | 1         |
| 6  | Plasmon-enhanced energy transfer in a hybrid system using silver nanobox array geometries. , 2015, , .  |     | 0         |
| 7  | Plasmon-enhanced non-radiative energy transfer in a hybrid quantum well structure. , 2015, , .  |     | 0         |
| 8  | 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        |
| 9  | Interferometer based in-band OSNR monitoring of single and dual polarisation QPSK signals. , 2010, , .  |     | 4         |
| 10 | Electroluminescence of <sup>63</sup> CuBr thin films via vacuum evaporation depositon. Journal Physics D: Applied Physics, 2010, 43, 165101.  | 2.8 | 7         |
| 11 | In-band OSNR monitoring using a pair of Michelson fiber interferometers. Optics Express, 2010, 18, 3618.  | 3.4 | 33        |
| 12 | Hybrid organic-inorganic spin-on-glass CuCl films for optoelectronic applications. Journal Physics D: Applied Physics, 2009, 42, 225307.  | 2.8 | 21        |
| 13 | UV emission on a Si substrate: Optical and structural properties of <sup>63</sup> CuCl on Si grown using liquid phase epitaxy techniques. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 923-926. | 1.8 | 5         |
| 14 | Chromatic Dispersion Monitoring for High-Speed WDM Systems Using Two-Photon Absorption in a Semiconductor Microcavity. IEEE Journal of Quantum Electronics, 2009, 45, 90-99.  | 1.9 | 4         |
| 15 | 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         |
| 16 | Optical properties of CuCl films on silicon substrates. Physica Status Solidi (B): Basic Research, 2008, 245, 2808-2814.  | 1.5 | 7         |
| 17 | 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         |
| 18 | Polarization dependence of a GaAs-based two-photon absorption microcavity photodetector. Optics Express, 2008, 16, 17682.   | 3.4 | 8         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Photonic molecules modes in resonantly coupled spherical microcavities with semiconductor nanocrystals. , 2007, , .  |     | 0         |
| 20 | Evaluation of the chemical, electronic and optoelectronic properties of $\hat{\text{I}}^3\text{-CuCl}$ thin films and their fabrication on Si substrates. Journal Physics D: Applied Physics, 2007, 40, 3461-3467. | 2.8 | 13        |
| 21 | 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        |
| 22 | Influence of Cavity Lifetime on High-Finesse Microcavity Two-Photon Absorption Photodetectors. IEEE Photonics Technology Letters, 2007, 19, 432-434.   | 2.5 | 5         |
| 23 | Characterisation of n-type $\hat{\text{I}}^3\text{-CuCl}$ on Si for UV optoelectronic applications. Journal of Materials Science: Materials in Electronics, 2007, 18, 57-60.                                       | 2.2 | 5         |
| 24 | Off-resonance surface plasmon enhanced spontaneous emission from CdTe quantum dots. Applied Physics Letters, 2006, 89, 253118.   | 3.3 | 109       |
| 25 | Dispersion Monitoring for High-Speed WDM Networks via Two-Photon Absorption in a Semiconductor Microcavity. , 2006, , .  |     | 2         |
| 26 | Polarization Resolved Four-Wave-Mixing-Based Measurement in Bulk Material Semiconductor Optical Amplifier. , 2006, , .   |     | 1         |
| 27 | Polarisation Dependent Dynamics in Bulk Semiconductor Optical Amplifiers. , 2006, , .  |     | 1         |
| 28 | Growth of CuCl thin films by magnetron sputtering for ultraviolet optoelectronic applications. Journal of Applied Physics, 2006, 100, 033520.  | 2.5 | 37        |
| 29 | All-optical sampling based on two-photon absorption in a semiconductor microcavity for high-speed OTDM. , 2005, , .  |     | 0         |
| 30 | Photonic molecules modes in resonantly coupled spherical microcavities with semiconductor nanocrystals. , 2005, , .  |     | 0         |
| 31 | Coupled cavity modes in photonic molecules with semiconductor nanocrystals. , 2005, , .  |     | 1         |
| 32 | Room-temperature ultraviolet luminescence from $\hat{\text{I}}^3\text{-CuCl}$ grown on near lattice-matched silicon. Journal of Applied Physics, 2005, 98, 113512.   | 2.5 | 31        |
| 33 | Confined optical modes in small photonic molecules with semiconductor nanocrystals. Journal of Applied Physics, 2004, 96, 6761-6765.   | 2.5 | 22        |
| 34 | Two-photon absorption photocurrent enhancement in bulk AlGaAs semiconductor microcavities. Applied Physics Letters, 2002, 80, 1328-1330.   | 3.3 | 37        |
| 35 | 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        |