

# Aju Jugessur

## List of Publications by Year in descending order

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10  
papers

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citations

1040056

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1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

313  
citing authors

#	ARTICLE	IF	CITATIONS
1	Planar photonic crystal polarization splitter. Optics Letters, 2004, 29, 1620.	3.3	75
2	Engineering the filter response of photonic crystal microcavity filters. Optics Express, 2004, 12, 1304.	3.4	56
3	A photonic nano-Bragg grating device integrated with microfluidic channels for bio-sensing applications. Microelectronic Engineering, 2009, 86, 1488-1490.	2.4	53
4	One-dimensional periodic photonic crystal microcavity filters with transition mode-matching features, embedded in ridge waveguides. Electronics Letters, 2003, 39, 367.	1.0	45
5	Compact and integrated 2-D photonic crystal super-prism filter-device for wavelength demultiplexing applications. Optics Express, 2006, 14, 1632.	3.4	30
6	Group velocity inversion in AlGaAs nanowires. Optics Express, 2007, 15, 12755.	3.4	30
7	Imaging properties of dielectric photonic crystal slabs for large object distances. Optics Express, 2006, 14, 6755.	3.4	26
8	Transmission of photonic crystal coupled-resonator waveguide (PhCCRW) structure enhanced via mode matching. Optics Express, 2005, 13, 2295.	3.4	21
9	Observation of continuous-wave second-harmonic generation in semiconductor waveguide directional couplers. Optics Express, 2006, 14, 2256.	3.4	15
10	Open cavities using photonic crystals with negative refraction. , 2006, 6343, 1140.		2