

Demis D John

List of Publications by Year in descending order

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13
papers

988
citations

1478505

6
h-index

1720034

7
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13
all docs

13
docs citations

13
times ranked

1102
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly selective and vertical etch of silicon dioxide using ruthenium films as an etch mask. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2021, 39, .	2.1	7
2	Deuterated silicon dioxide for heterogeneous integration of ultra-low-loss waveguides. Optics Letters, 2020, 45, 3340.	3.3	21
3	Single-Mode and High-Speed 850nm MEMS-VCSEL. , 2016, , .		1
4	Wideband Electrically Pumped 1050-nm MEMS-Tunable VCSEL for Ophthalmic Imaging. Journal of Lightwave Technology, 2015, 33, 3461-3468.	4.6	73
5	Multilayer Platform for Ultra-Low-Loss Waveguide Applications. IEEE Photonics Technology Letters, 2012, 24, 876-878.	2.5	37
6	Rapidly swept, ultra-widely-tunable 1060-1100nm MEMS-VCSELs. Electronics Letters, 2012, 48, 1331.	1.0	47
7	High Extinction, Broadband, and Low Loss Planar Waveguide Polarizers. , 2012, , .		0
8	Ultra-low-loss high-aspect-ratio Si ₃ N ₄ waveguides. Optics Express, 2011, 19, 3163.	3.4	414
9	Planar waveguides with less than 0.1 dB/m propagation loss fabricated with wafer bonding. Optics Express, 2011, 19, 24090.	3.4	367
10	Ultra-low-loss Single-mode Si ₃ N ₄ Waveguides with 0.7 dB/m Propagation Loss. , 2011, , .		11
11	Ultra-low-loss (≤ 0.1 dB/m) Planar Silica Waveguide Technology. , 2011, , .		1
12	Fabrication and Demonstration of a Pure Silica-Core Waveguide Utilizing a Density-Based Index Contrast. , 2011, , .		0
13	Ultra-low loss silica-based waveguides with millimeter bend radius. , 2010, , .		9