

Guillaume Vienne

List of Publications by Year in descending order

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17
papers

943
citations

759233

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1125743

13
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17
all docs

17
docs citations

17
times ranked

586
citing authors

#	ARTICLE	IF	CITATIONS
1	Demonstration of optical microfiber knot resonators. Applied Physics Letters, 2006, 88, 223501.	3.3	227
2	All-fiber add-drop filters based on microfiber knot resonators. Optics Letters, 2007, 32, 1710.	3.3	154
3	Demonstration of microfiber knot laser. Applied Physics Letters, 2006, 89, 143513.	3.3	138
4	Ultra-large bandwidth hollow-core guiding in all-silica Bragg fibers with nano-supports. Optics Express, 2004, 12, 3500.	3.4	115
5	Observation of a nonlinear microfiber resonator. Optics Letters, 2008, 33, 1500.	3.3	70
6	Effect of Host Polymer on Microfiber Resonator. IEEE Photonics Technology Letters, 2007, 19, 1386-1388.	2.5	59
7	Demonstration of a reef knot microfiber resonator. Optics Express, 2009, 17, 6224.	3.4	49
8	Theoretical study of microfiber resonator devices exploiting a phase shift. Journal of Optics, 2008, 10, 025303.	1.5	31
9	Modeling rare-earth doped microfiber ring lasers. Optics Express, 2006, 14, 7073.	3.4	26
10	Stimulated Raman scattering in the evanescent field of liquid immersed tapered nanofibers. Applied Physics Letters, 2013, 102, .	3.3	25
11	Potentialities of glass air-clad micro- and nanofibers for nonlinear optics. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 394.	2.1	23
12	Magneto-optical response in bimetallic metamaterials. Nanophotonics, 2018, 7, 199-206.	6.0	19
13	Novel layout of a bi-metallic nanoring for magnetic field pulse generation from light. New Journal of Physics, 2015, 17, 013049.	2.9	7
14	Enhancement of Fluorescence and Raman Scattering in a Liquid-Core Optical Fiber based on Hollow-Core Photonic-Crystal Fibers. , 2007, , .		0
15	Enhancement of fluorescence and raman scattering in a liquid-core optical fiber based on hollow-core photonic-crystal fibers. , 2007, , .		0
16	Potentialities of microfibers for non linear optics. , 2010, , .		0
17	Experimental demonstration of stimulated Raman scattering in the evanescent field of a tapered nanofiber immersed in a liquid. , 2013, , .		0