

Vittoria Finazzi

List of Publications by Year in descending order

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31
papers

2,018
citations

471509

17
h-index

839539

18
g-index

31
all docs

31
docs citations

31
times ranked

1697
citing authors

#	ARTICLE	IF	CITATIONS
1	Low temperature direct growth of graphene patterns on flexible glass substrates catalysed by a sacrificial ultrathin Ni film. <i>Optical Materials Express</i> , 2016, 6, 2487.	3.0	30
2	Packaged Optical Sensors Based on Regenerated Fiber Bragg Gratings for High Temperature Applications. <i>IEEE Sensors Journal</i> , 2012, 12, 107-112.	4.7	100
3	Photonic crystal fiber sensor array based on modes overlapping. <i>Optics Express</i> , 2011, 19, 7596.	3.4	75
4	Fabry-Perot interferometers built by photonic crystal fiber pressurization during fusion splicing. <i>Optics Letters</i> , 2011, 36, 4191.	3.3	35
5	Functional Photonic Crystal Fiber Sensing Devices. , 2011, , .		0
6	Functional photonic crystal fiber sensing devices. , 2011, , .		2
7	Photonic crystal fiber sensor array based on cladding mode resonance. , 2011, , .		0
8	High-visibility photonic crystal fiber interferometer for ultrasensitive refractometric sensing. <i>Proceedings of SPIE</i> , 2011, , .	0.8	0
9	Photonic-crystal and optical micro/nano fiber interferometric sensors. <i>Proceedings of SPIE</i> , 2010, , .	0.8	0
10	Evaluation of serial multiplexed photonic crystal fiber interferometric sensors. , 2010, , .		0
11	Embedded optical micro/nano-fibers for stable devices. <i>Optics Letters</i> , 2010, 35, 571.	3.3	41
12	Highly Sensitive Sensors Based on Photonic Crystal Fiber Modal Interferometers. <i>Journal of Sensors</i> , 2009, 2009, 1-11.	1.1	61
13	Photonic-crystal-fiber-enabled micro-Fabry-Perot interferometer. <i>Optics Letters</i> , 2009, 34, 2441.	3.3	116
14	Photonic crystal fiber interferometer for chemical vapor detection with high sensitivity. <i>Optics Express</i> , 2009, 17, 1447.	3.4	127
15	Thermally stabilized PCF-based sensor for temperature measurements up to 1000°C. <i>Optics Express</i> , 2009, 17, 21551.	3.4	115
16	High-sensitivity photonic crystal fiber interferometer for chemical vapors detection. , 2009, , .		1
17	Highly versatile in-reflection photonic crystal fibre interferometer. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0
18	An embedded optical nanowire loop resonator refractometric sensor. <i>Optics Express</i> , 2008, 16, 1062.	3.4	108

#	ARTICLE	IF	CITATIONS
19	Compact All-Fiber Interrogation Unit for FBC sensors. , 2008, , .		1
20	Post-Processed Micro-Structured Optical Fibre Sensors. AIP Conference Proceedings, 2008, , .	0.4	0
21	High sensitivity refractometric sensor based on embedded optical microfiber loop resonator. , 2008, , .		0
22	Two-mode photonic crystal fiber interferometer for sensing applications. , 2007, , .		1
23	Temperature-insensitive photonic crystal fiber interferometer for absolute strain sensing. Applied Physics Letters, 2007, 91, .	3.3	200
24	Mid-IR Supercontinuum Generation From Nonsilica Microstructured Optical Fibers. IEEE Journal of Selected Topics in Quantum Electronics, 2007, 13, 738-749.	2.9	181
25	Non-silica microstructured optical fibers for mid-IR supercontinuum generation from 2 $\hat{1}$ / ₄ m - 5 $\hat{1}$ / ₄ m. , 2006, , .		12
26	Extruded single-mode high-index-core one-dimensional microstructured optical fiber with high index-contrast for highly nonlinear optical devices. Applied Physics Letters, 2005, 87, 081110.	3.3	32
27	Ultra-low-loss optical fiber nanotapers. Optics Express, 2004, 12, 2258.	3.4	445
28	Understanding bending losses in holey optical fibers. Optics Communications, 2003, 227, 317-335.	2.1	94
29	Small-core silica holey fibers: nonlinearity and confinement loss trade-offs. Journal of the Optical Society of America B: Optical Physics, 2003, 20, 1427.	2.1	128
30	Solid microstructured optical fiber. Optics Express, 2003, 11, 2225.	3.4	105
31	Effect of periodic background loss on grating spectra. Applied Optics, 2002, 41, 2240.	2.1	8