

Giuseppe Quero

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

961
citations

758635

12
h-index

752256

20
g-index

24
all docs

24
docs citations

24
times ranked

1062
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Efficient Fiber Optic Thermal Heating Device Based on Turn-Around-Point Long Period Gratings. <i>Journal of Lightwave Technology</i> , 2022, 40, 797-804.	2.7	9
2	Design and Optimization of All-Dielectric Fluorescence Enhancing Metasurfaces: Towards Advanced Metasurface-Assisted Optrodes. <i>Biosensors</i> , 2022, 12, 264.	2.3	6
3	Tailoring lab-on-fiber SERS optrodes towards biological targets of different sizes. <i>Sensors and Actuators B: Chemical</i> , 2021, 339, 129321.	4.0	28
4	Metasurface-Enhanced Lab-on-Fiber Biosensors. <i>Laser and Photonics Reviews</i> , 2020, 14, 2000180.	4.4	58
5	Analysis of uncoated LPGs written in B-Ge doped fiber under proton irradiation for sensing applications at CERN. <i>Scientific Reports</i> , 2020, 10, 1344.	1.6	15
6	Lab-on-fiber SERS substrates for biomolecular recognition. , 2019, , .		0
7	A novel Lab-on-Fiber Radiation Dosimeter for Ultra-high Dose Monitoring. <i>Scientific Reports</i> , 2018, 8, 17841.	1.6	18
8	Nanosphere Lithography on Fiber: Towards Engineered Lab-On-Fiber SERS Optrodes. <i>Sensors</i> , 2018, 18, 680.	2.1	60
9	Radiation Sensitivity of Long Period Gratings written in B-Ge doped fiber under proton irradiation at CERN. , 2018, , .		6
10	Nanosphere lithography for optical fiber tip nanoprobe. <i>Light: Science and Applications</i> , 2017, 6, e16229-e16229.	7.7	103
11	Label-free fiber optic optrode for the detection of class C β -lactamases expressed by drug resistant bacteria. <i>Biomedical Optics Express</i> , 2017, 8, 5191.	1.5	25
12	Lab on Fiber Technology for biological sensing applications. <i>Laser and Photonics Reviews</i> , 2016, 10, 922-961.	4.4	217
13	Nanosphere lithography for advanced all fiber Sers probes. <i>Proceedings of SPIE</i> , 2016, , .	0.8	6
14	Long period fiber grating nano-optrode for cancer biomarker detection. <i>Biosensors and Bioelectronics</i> , 2016, 80, 590-600.	5.3	79
15	Self-assembled periodic patterns on the optical fiber tip by microsphere arrays. <i>Proceedings of SPIE</i> , 2015, , .	0.8	7
16	Lab on Fiber by Using the Breath Figure Technique. <i>Springer Series in Surface Sciences</i> , 2015, , 233-250.	0.3	2
17	Lab-on-fiber technology: a new vision for chemical and biological sensing. <i>Analyst</i> , The, 2015, 140, 8068-8079.	1.7	168
18	Versatile Optical Fiber Nanoprobes: From Plasmonic Biosensors to Polarization-Sensitive Devices. <i>ACS Photonics</i> , 2014, 1, 69-78.	3.2	64

#	ARTICLE	IF	CITATIONS
19	Miniaturized Sensing Probes Based on Metallic Dielectric Crystals Self-Assembled on Optical Fiber Tips. ACS Photonics, 2014, 1, 917-927.	3.2	72
20	Lab on fiber by using the breath figure technique. Proceedings of SPIE, 2013, , .	0.8	4
21	Ultrasensitive nanoprobe based on metallo-dielectric crystals integrated onto optical fiber tips using the breath figures technique. Proceedings of SPIE, 2013, , .	0.8	2
22	RESONANT HYDROPHONES BASED ON COATED FIBER BRAGG GRATINGS FOR UNDERWATER MONITORING. , 2013, , 145-174.		0
23	Hybrid fiber grating cavity for multi-parametric sensing. Optics Express, 2010, 18, 10473.	1.7	12