Giuseppe Quero

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8029314/publications.pdf

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23	961	758635 12	752256 20
papers	citations	h-index	g-index

24	24	24	1062
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lab on Fiber Technology for biological sensing applications. Laser and Photonics Reviews, 2016, 10, 922-961.	4.4	217
2	Lab-on-fiber technology: a new vision for chemical and biological sensing. Analyst, The, 2015, 140, 8068-8079.	1.7	168
3	Nanosphere lithography for optical fiber tip nanoprobes. Light: Science and Applications, 2017, 6, e16229-e16229.	7.7	103
4	Long period fiber grating nano-optrode for cancer biomarker detection. Biosensors and Bioelectronics, 2016, 80, 590-600.	5.3	79
5	Miniaturized Sensing Probes Based on Metallic Dielectric Crystals Self-Assembled on Optical Fiber Tips. ACS Photonics, 2014, 1, 917-927.	3.2	72
6	Versatile Optical Fiber Nanoprobes: From Plasmonic Biosensors to Polarization-Sensitive Devices. ACS Photonics, 2014, 1, 69-78.	3.2	64
7	Nanosphere Lithography on Fiber: Towards Engineered Lab-On-Fiber SERS Optrodes. Sensors, 2018, 18, 680.	2.1	60
8	Metasurfaceâ€Enhanced Labâ€onâ€Fiber Biosensors. Laser and Photonics Reviews, 2020, 14, 2000180.	4.4	58
9	Tailoring lab-on-fiber SERS optrodes towards biological targets of different sizes. Sensors and Actuators B: Chemical, 2021, 339, 129321.	4.0	28
10	Label-free fiber optic optrode for the detection of class C Î²-lactamases expressed by drug resistant bacteria. Biomedical Optics Express, 2017, 8, 5191.	1.5	25
11	A novel Lab-on-Fiber Radiation Dosimeter for Ultra-high Dose Monitoring. Scientific Reports, 2018, 8, 17841.	1.6	18
12	Analysis of uncoated LPGs written in B-Ge doped fiber under proton irradiation for sensing applications at CERN. Scientific Reports, 2020, 10, 1344.	1.6	15
13	Hybrid fiber grating cavityâ€¨for multi-parametric sensing. Optics Express, 2010, 18, 10473.	1.7	12
14	Highly Efficient Fiber Optic Thermal Heating Device Based on Turn-Around-Point Long Period Gratings. Journal of Lightwave Technology, 2022, 40, 797-804.	2.7	9
15	Self-assembled periodic patterns on the optical fiber tip by microsphere arrays. Proceedings of SPIE, 2015, , .	0.8	7
16	Nanosphere lithography for advanced all fiber Sers probes. Proceedings of SPIE, 2016, , .	0.8	6
17	Radiation Sensitivity of Long Period Gratings written in B-Ge doped fiber under proton irradiation at CERN. , 2018, , .		6
18	Design and Optimization of All-Dielectric Fluorescence Enhancing Metasurfaces: Towards Advanced Metasurface-Assisted Optrodes. Biosensors, 2022, 12, 264.	2.3	6

#	Article	IF	Citations
19	Lab on fiber by using the breath figure technique. Proceedings of SPIE, 2013, , .	0.8	4
20	Ultrasensitive nanoprobes based on metallo-dielectric crystals integrated onto optical fiber tips using the breath figures technique. Proceedings of SPIE, 2013, , .	0.8	2
21	Lab on Fiber by Using the Breath Figure Technique. Springer Series in Surface Sciences, 2015, , 233-250.	0.3	2
22	RESONANT HYDROPHONES BASED ON COATED FIBER BRAGG GRATINGS FOR UNDERWATER MONITORING. , 2013, , 145-174.		0
23	Lab-on-fiber SERS substrates for biomolecular recognition. , 2019, , .		0