

# Patrizio Vaiano

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6163737/publications.pdf>

Version: 2024-02-01

15  
papers

643  
citations

1039406

9  
h-index

1199166

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

864  
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	Long period fiber grating nano-optrode for cancer biomarker detection. Biosensors and Bioelectronics, 2016, 80, 590-600.	5.3	79
4	Fluorescent chemosensors for Hg <sup>2+</sup> detection in aqueous environment. Sensors and Actuators B: Chemical, 2017, 247, 727-735.	4.0	47
5	Real-time dosimetry with radiochromic films. Scientific Reports, 2019, 9, 5307.	1.6	29
6	Label-free fiber optic optrode for the detection of class C $\beta$ -lactamases expressed by drug resistant bacteria. Biomedical Optics Express, 2017, 8, 5191.	1.5	25
7	A novel method for EBT3 Gafchromic films read-out at high dose levels. Physica Medica, 2019, 61, 77-84.	0.4	21
8	A novel Lab-on-Fiber Radiation Dosimeter for Ultra-high Dose Monitoring. Scientific Reports, 2018, 8, 17841.	1.6	18
9	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
10	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
11	Radiation Sensitivity of Long Period Gratings written in B-Ge doped fiber under proton irradiation at CERN. , 2018, , .		6
12	Design and Optimization of All-Dielectric Fluorescence Enhancing Metasurfaces: Towards Advanced Metasurface-Assisted Optrodes. Biosensors, 2022, 12, 264.	2.3	6
13	Absolute calibration for film dosimetry. International Journal of Modern Physics Conference Series, 2020, 50, 2060012.	0.7	2
14	An innovative extrinsic fiber optic sensor for real-time radiation monitoring. , 2021, , .		1
15	Innovative lab on fiber dosimeters for ionizing radiation monitoring at ultra-high doses. , 2019, , .		0