

Giampaolo Pitruzzello

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6238527/publications.pdf>

Version: 2024-02-01

14
papers

334
citations

1478505

6
h-index

1281871

11
g-index

17
all docs

17
docs citations

17
times ranked

364
citing authors

#	ARTICLE	IF	CITATIONS
1	Photonic crystal resonances for sensing and imaging. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 073004.	2.2	137
2	Dielectric nanohole array metasurface for high-resolution near-field sensing and imaging. <i>Nature Communications</i> , 2021, 12, 3293.	12.8	84
3	Exploring the Limit of Multiplexed Near-Field Optical Trapping. <i>ACS Photonics</i> , 2021, 8, 2060-2066.	6.6	38
4	Multiparameter antibiotic resistance detection based on hydrodynamic trapping of individual <i>E. coli</i> . <i>Lab on A Chip</i> , 2019, 19, 1417-1426.	6.0	32
5	Backscattering design for a focusing grating coupler with fully etched slots for transverse magnetic modes. <i>Scientific Reports</i> , 2018, 8, 17746.	3.3	13
6	Nanophotonics for bacterial detection and antimicrobial susceptibility testing. <i>Nanophotonics</i> , 2020, 9, 4447-4472.	6.0	11
7	Integrating cell on chip—Novel waveguide platform employing ultra-long optical paths. <i>APL Photonics</i> , 2017, 2, 096102.	5.7	6
8	Single-Cell Motility Rapidly Quantifying Heteroresistance in Populations of <i>Escherichia coli</i> and <i>Salmonella typhimurium</i> . <i>Small Science</i> , 2022, 2, .	9.9	6
9	Inspiration is all around you. <i>Nature Nanotechnology</i> , 2015, 10, 652-652.	31.5	1
10	2D integrating cell waveguide platform employing ultra-long optical path lengths. , 2017, , .		1
11	Coupling between multimode fibers and slab waveguides. <i>Optics Express</i> , 2018, 26, 30255.	3.4	1
12	2D integrating cell for ultra-long optical path on chip. , 2018, , .		0
13	Multimode fibres promise 3D imaging. <i>Nature Photonics</i> , 2022, 16, 181-181.	31.4	0
14	Polarimetry of faint light. <i>Nature Photonics</i> , 2022, 16, 343-343.	31.4	0