

Matthias Zeisberger

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2522023/publications.pdf>

Version: 2024-02-01

11
papers

204
citations

1307594

7
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

259
citing authors

#	ARTICLE	IF	CITATIONS
1	Interpreting light guidance in antiresonant and photonic bandgap waveguides and fibers by light scattering: analytical model and ultra-low guidance. <i>Optics Express</i> , 2022, 30, 2768.	3.4	2
2	Plasmonic Metalens-Enhanced Single-Mode Fibers: A Pathway Toward Remote Light Focusing. <i>Advanced Photonics Research</i> , 2021, 2, 2100100.	3.6	13
3	Nanostructure-Empowered Efficient Coupling of Light into Optical Fibers at Extraordinarily Large Angles. <i>ACS Photonics</i> , 2020, 7, 2834-2841.	6.6	20
4	Boosting Light Collection Efficiency of Optical Fibers Using Metallic Nanostructures. <i>ACS Photonics</i> , 2019, 6, 691-698.	6.6	23
5	Understanding Dispersion of Revolver-Type Anti-Resonant Hollow Core Fibers. <i>Fibers</i> , 2018, 6, 68.	4.0	10
6	Nanotrimer enhanced optical fiber tips implemented by electron beam lithography. <i>Optical Materials Express</i> , 2018, 8, 2246.	3.0	29
7	Photonic candle “ focusing light using nano-bore optical fibers. <i>Optics Express</i> , 2018, 26, 31706.	3.4	4
8	Nanoboomerang-based inverse metasurfaces “A promising path towards ultrathin photonic devices for transmission operation. <i>APL Photonics</i> , 2017, 2, 036102.	5.7	7
9	Analytic model for the complex effective index of the leaky modes of tube-type anti-resonant hollow core fibers. <i>Scientific Reports</i> , 2017, 7, 11761.	3.3	79
10	Tailored loss discrimination in indefinite metamaterial-clad hollow-core fibers. <i>Optics Express</i> , 2016, 24, 15702.	3.4	6
11	Analytic model for the complex effective index dispersion of metamaterial-cladding large-area hollow core fibers. <i>Optics Express</i> , 2016, 24, 20515.	3.4	11