

# 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	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
2	Nanotrimer enhanced optical fiber tips implemented by electron beam lithography. <i>Optical Materials Express</i> , 2018, 8, 2246.	3.0	29
3	Boosting Light Collection Efficiency of Optical Fibers Using Metallic Nanostructures. <i>ACS Photonics</i> , 2019, 6, 691-698.	6.6	23
4	Nanostructure-Empowered Efficient Coupling of Light into Optical Fibers at Extraordinarily Large Angles. <i>ACS Photonics</i> , 2020, 7, 2834-2841.	6.6	20
5	Plasmonic Metalens-Enhanced Single-Mode Fibers: A Pathway Toward Remote Light Focusing. <i>Advanced Photonics Research</i> , 2021, 2, 2100100.	3.6	13
6	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
7	Understanding Dispersion of Revolver-Type Anti-Resonant Hollow Core Fibers. <i>Fibers</i> , 2018, 6, 68.	4.0	10
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	Tailored loss discrimination in indefinite metamaterial-clad hollow-core fibers. <i>Optics Express</i> , 2016, 24, 15702.	3.4	6
10	Photonic candle “focusing light using nano-bore optical fibers. <i>Optics Express</i> , 2018, 26, 31706.	3.4	4
11	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