

# Aviad Katiyi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6187949/publications.pdf>

Version: 2024-02-01

10  
papers

186  
citations

1478505

6  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

189  
citing authors

#	ARTICLE	IF	CITATIONS
1	On-chip nanophotonics and future challenges. <i>Nanophotonics</i> , 2020, 9, 3733-3753.	6.0	85
2	Figure of Merit of All-Dielectric Waveguide Structures for Absorption Overtone Spectroscopy. <i>Journal of Lightwave Technology</i> , 2017, 35, 2902-2908.	4.6	32
3	Si Nanostrip Optical Waveguide for On-Chip Broadband Molecular Overtone Spectroscopy in Near-Infrared. <i>ACS Sensors</i> , 2018, 3, 618-623.	7.8	30
4	Tuning the Near-Infrared Absorption of Aromatic Amines on Tapered Fibers Sculptured with Gold Nanoparticles. <i>ACS Photonics</i> , 2018, 5, 2200-2207.	6.6	18
5	Surface roughness-induced absorption acts as an ovarian cancer cells growth sensor-monitor. <i>Biosensors and Bioelectronics</i> , 2020, 161, 112240.	10.1	8
6	Deflected Talbot-Mediated Overtone Spectroscopy in Near-Infrared as a Label-Free Sensor on a Chip. <i>ACS Sensors</i> , 2020, 5, 1683-1688.	7.8	6
7	Super-Resolution Imaging and Optomechanical Manipulation Using Optical Nanojet for Nondestructive Single-Cell Research. <i>Advanced Photonics Research</i> , 2022, 3, .	3.6	5
8	On-Chip Metasurface-on-Facets for Ultra-High Transmission through Waveguides in Near-Infrared. <i>Advanced Optical Materials</i> , 2021, 9, 2100130.	7.3	1
9	Non-isolated sources of electromagnetic radiation by multipole decomposition for photonic quantum technologies on a chip with nanoscale apertures. <i>Nanoscale Advances</i> , 2021, 3, 190-197.	4.6	0
10	Passive and Active Materials for Advanced Photonic Integrated Circuitry in Visible and Near-Infrared. , 2021, , .		0