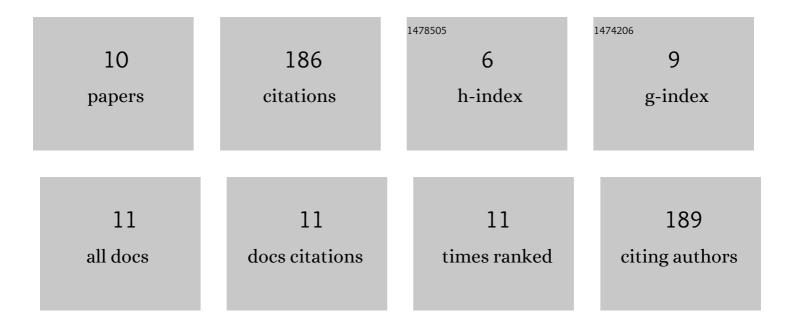
Aviad Katiyi

List of Publications by Year in descending order

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Δυιλη Κλτινι

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