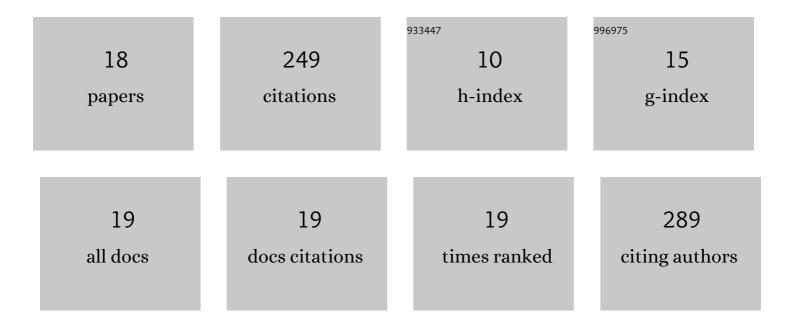
## **Omkar D Supekar**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8032302/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Two-photon, fiber-coupled, super-resolution microscope for biological imaging. APL Photonics, 2022, 7, 036102.	5.7	2
2	Miniature structured illumination microscope for in vivo 3D imaging of brain structures with optical sectioning. Biomedical Optics Express, 2022, 13, 2530.	2.9	15
3	Real-time monitoring of calcium sulfate scale removal from RO desalination membranes using Raman spectroscopy. Desalination, 2021, 497, 114736.	8.2	11
4	Femtosecond diode-based time lens laser for multiphoton microscopy. Biomedical Optics Express, 2021, 12, 6269.	2.9	0
5	Real-time detection of early-stage calcium sulfate and calcium carbonate scaling using Raman spectroscopy. Journal of Membrane Science, 2020, 596, 117603.	8.2	10
6	Effect of Atomic Layer Etching on Residual Stress of Al2o3 Ald Ultra-Thin Film Suspended Structures. , 2019, , .		1
7	Lidar system with nonmechanical electrowetting-based wide-angle beam steering. Optics Express, 2019, 27, 4404.	3.4	35
8	Electrowetting adaptive optical devices for LIDAR. , 2019, , .		0
9	Liquid Combination with High Refractive Index Contrast and Fast Scanning Speeds for Electrowetting Adaptive Optics. Langmuir, 2018, 34, 14511-14518.	3.5	18
10	Real-Time Detection of Reverse-Osmosis Membrane Scaling via Raman Spectroscopy. Industrial & Engineering Chemistry Research, 2018, 57, 16021-16026.	3.7	12
11	Enhanced Response Time of Electrowetting Lenses with Shaped Input Voltage Functions. Langmuir, 2017, 33, 4863-4869.	3.5	38
12	Nonlinear Mechanics of Interlocking Cantilevers. Journal of Applied Mechanics, Transactions ASME, 2017, 84, .	2.2	2
13	Two-photon laser scanning microscopy with electrowetting-based prism scanning. Biomedical Optics Express, 2017, 8, 5412.	2.9	29
14	Numerical analysis of wavefront aberration correction using multielectrode electrowetting-based devices. Optics Express, 2017, 25, 31451.	3.4	18
15	Atomic layer deposition ultrathin film origami using focused ion beams. Nanotechnology, 2016, 27, 49LT02.	2.6	9
16	Ultrathin thermoacoustic nanobridge loudspeakers from ALD on polyimide. Nanotechnology, 2016, 27, 475504.	2.6	13
17	Off-stoichiometry improves the photostructuring of thiol–enes through diffusion-induced monomer depletion. Microsystems and Nanoengineering, 2016, 2, 15043.	7.0	12
18	Rapid mold-free manufacturing of microfluidic devices with robust and spatially directed surface modifications. Microfluidics and Nanofluidics, 2014, 17, 773-779.	2.2	24