

# Murukeshan Vadakke Matham

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10607438/publications.pdf>

Version: 2024-02-01

19  
papers

148  
citations

1478505

6  
h-index

1199594

12  
g-index

19  
all docs

19  
docs citations

19  
times ranked

225  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bifunctional Fluorescent/Raman Nanoprobe for the Early Detection of Amyloid. Scientific Reports, 2019, 9, 8497.	3.3	34
2	Nanoparticulate Contrast Agents for Multimodality Molecular Imaging. Journal of Biomedical Nanotechnology, 2016, 12, 1553-1584.	1.1	30
3	Quantitative optical coherence microscopy for the <i>in situ</i> investigation of the biofilm. Journal of Biomedical Optics, 2016, 21, 127002.	2.6	22
4	Gold nanocages entering into the realm of high-contrast photoacoustic ocular imaging. Nanoscale, 2018, 10, 13959-13968.	5.6	21
5	Development of high-sensitive, reproducible colloidal surface-enhanced Raman spectroscopy active substrate using silver nanocubes for potential biosensing applications. Journal of Nanophotonics, 2016, 10, 026020.	1.0	9
6	Grating-Coupled Plasmonic Sensor for Sucrose Sensing Fabricated Using Optical Fiber-Based Interference Lithography (OFIL) System. IEEE Sensors Journal, 2019, 19, 10477-10481.	4.7	7
7	Electro-Ionic Control of Surface Plasmons in Graphene-Layered Heterostructures. Nano Letters, 2020, 20, 8305-8311.	9.1	5
8	Fiber pixelated image database. Optical Engineering, 2016, 55, 083105.	1.0	4
9	Plasmonic random laser enabled artefact-free wide-field fluorescence bioimaging: uncovering finer cellular features. Nanoscale Advances, 2022, 4, 2278-2287.	4.6	4
10	Hybrid-modality ocular imaging using a clinical ultrasound system and nanosecond pulsed laser. Journal of Medical Imaging, 2015, 2, 036003.	1.5	3
11	Imaging behind opaque obstacle: a potential method for guided in vitro needle placement. Biomedical Optics Express, 2016, 7, 5308.	2.9	3
12	High resolution probe for corrosion monitoring using hyper spectral imaging. AIP Conference Proceedings, 2021, , .	0.4	3
13	Fluorescence Resonance Energy Transfer (FRET)-Based ThT Free Sensing of Beta-Amyloid Fibrillation by Carbon Dot-Ag Composites. Plasmonics, 2021, 16, 863-872.	3.4	3
14	Quasi-Confocal Frequency Domain Imaging for Improved Depth Perception and Selective Suppression of Fluorescent Emissions. International Journal of Optomechatronics, 2008, 2, 42-60.	6.6	0
15	Optofluidic variable optical attenuator. , 2010, , .		0
16	Variable focal lengths image fiber based microscope system for biomedical application. , 2010, , .		0
17	Plasmonic 2D nanopillar arrays in high index and gradient index medium for subtractive optical filtering. , 2015, , .		0
18	Spectral variations in a bioinspired random laser. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Remote Plasma-Assisted Synthesis of Graphene for Development of Flexible Biosensors. , 2020, , .		0