

# Murukeshan Vadakke Matham

## List of Publications by Year in descending order

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

#	ARTICLE	IF	CITATIONS
19	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