

# Rehman Ansari M Abdul

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

279  
citations

1163117

8  
h-index

1474206

9  
g-index

20  
all docs

20  
docs citations

20  
times ranked

404  
citing authors

#	ARTICLE	IF	CITATIONS
1	All-optical forward-viewing photoacoustic probe for high-resolution 3D endoscopy. Light: Science and Applications, 2018, 7, 75.	16.6	119
2	Photoacoustic imaging of the human placental vasculature. Journal of Biophotonics, 2020, 13, e201900167.	2.3	36
3	Ultrahigh-resolution, high-speed spectral domain optical coherence phase microscopy. Optics Letters, 2014, 39, 45.	3.3	26
4	Modelling Fabry-Pérot etalons illuminated by focussed beams. Optics Express, 2020, 28, 7691.	3.4	24
5	Miniature all-optical flexible forward-viewing photoacoustic endoscopy probe for surgical guidance. Optics Letters, 2020, 45, 6238.	3.3	21
6	Micro-anatomical and functional assessment of ciliated epithelium in mouse trachea using optical coherence phase microscopy. Optics Express, 2015, 23, 23217.	3.4	18
7	Validation of near infrared spectroscopic (NIRS) imaging using programmable phantoms. Proceedings of SPIE, 2008, , .	0.8	8
8	Use of a flexible optical fibre bundle to interrogate a Fabry-Pérot sensor for photoacoustic imaging. Optics Express, 2019, 27, 37886.	3.4	8
9	Quantitative analysis of cardiomyocyte dynamics with optical coherence phase microscopy. , 2012, , .		3
10	Photoacoustic endoscopy probe using a coherent fibre-optic bundle and Fabry-Pérot ultrasound sensor (Conference Presentation). , 2016, , .		3
11	Interrogation of Fabry-Pérot ultrasound sensors with Bessel beams. , 2020, , .		3
12	A dual-mode simultaneous bilateral optical imaging system for breast cancer detection. , 2010, , .		0
13	Design of Resonant Optical Cavities for Ultrasound Detection using Rigorous Electromagnetic Modelling. , 2018, , .		0
14	Functional Imaging in Freely Moving Rats. , 2006, , .		0
15	A Dual-mode simultaneous bilateral optical imaging system for breast cancer detection. , 2010, , .		0
16	Forward viewing 3D photoacoustic endoscopic probe for guiding interventional procedures (Conference Presentation). , 2018, , .		0
17	On the intuitive understanding of interrogating Fabry-Perot etalon with a focused beam. , 2019, , .		0
18	Simultaneous photoacoustic imaging and white light video endoscopy for guiding laparoscopic surgery (Conference Presentation). , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Probing the optical readout characteristics of Fabry-Perot ultrasound sensors through realistic modelling. , 2019, , .		0