

K Divakar Rao

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

285
citations

1478505

6
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

365
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular contrast in optical coherence tomography by use of a pump-probe technique. Optics Letters, 2003, 28, 340.	3.3	110
2	Real-time <i>in vivo</i> imaging of adult Zebrafish brain using optical coherence tomography. Journal of Biophotonics, 2009, 2, 288-291.	2.3	45
3	Depth-sensitive Raman spectroscopy combined with optical coherence tomography for layered tissue analysis. Journal of Biophotonics, 2014, 7, 77-85.	2.3	40
4	Imaging of human breast tissue using polarization sensitive optical coherence tomography. Laser Physics, 2011, 21, 2143-2148.	1.2	21
5	BINARY TISSUE CLASSIFICATION STUDIES ON RESECTED HUMAN BREAST TISSUES USING OPTICAL COHERENCE TOMOGRAPHY IMAGES. Journal of Innovative Optical Health Sciences, 2011, 04, 59-66.	1.0	19
6	Noninvasive Imaging of Ethanol-Induced Developmental Defects in Zebrafish Embryos Using Optical Coherence Tomography. Birth Defects Research Part B: Developmental and Reproductive Toxicology, 2012, 95, 7-11.	1.4	14
7	Temperature dependent optical characterization of Ni-TiO ₂ thin films as potential photocatalytic material. AIP Advances, 2017, 7, 095115.	1.3	6
8	Perspectives of optical coherence tomography imaging and Raman spectroscopy in cancer diagnosis. Biomedical Spectroscopy and Imaging, 2015, 4, 35-55.	1.2	5
9	A Fast and Facile Fabrication of PTFE Based Superhydrophobic and Ultra Wideband Angle Insensitive Anti-Reflection Coatings. Physica Status Solidi - Rapid Research Letters, 2018, 12, 1800041.	2.4	5
10	A dual-modal optical system combining depth-sensitive laser induced fluorescence (LIF) spectroscopy and optical coherence tomography (OCT) for analyzing layered biological tissue. Biomedical Spectroscopy and Imaging, 2016, 5, 313-324.	1.2	4
11	Optical Coherence Tomography: Emerging In Vivo Optical Biopsy Technique for Oral Cancers. , 2019, , 217-237.		4
12	Effect of sputtering power on MgF ₂ thin films deposited by sputtering technique under fluorine trapping. AIP Conference Proceedings, 2016, , .	0.4	3
13	Optical, Photocatalytic and Wetting Behavior of GLAD N ₂ -TiO ₂ Films. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1900021.	1.8	3
14	Investigation on optical properties of spin coated TiO ₂ /Co composite thin films. AIP Conference Proceedings, 2017, , .	0.4	2
15	Morphology-dependent optical and wetting behavior of GLAD PTFE thin films. Journal of Coatings Technology Research, 2021, 18, 173-182.	2.5	2
16	E-beam Evaporation of Silicon: Native Oxidation and Quasicontinuous Tailoring of Optical Properties. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2100299.	1.8	2
17	Recent studies on optical coherence tomography imaging of biological tissues. , 2010, , .		0
18	A Fast and Facile Fabrication of PTFE Based Superhydrophobic and Ultra Wideband Angle Insensitive Anti-Reflection Coatings (Phys. Status Solidi RRL 6/2018). Physica Status Solidi - Rapid Research Letters, 2018, 12, 1870320.	2.4	0