

Hemant Krishna

List of Publications by Year in descending order

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papers

292
citations

1478505

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1125743

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14
docs citations

14
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411
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescence photobleaching of urine for improved signal to noise ratio of the Raman signal – An exploratory study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 247, 119144.	3.9	6
2	Drop-coating deposition Raman spectroscopy for quantitative detection of urinary creatinine: a feasibility study. <i>Laser Physics</i> , 2020, 30, 085602.	1.2	2
3	Fluorescence photo-bleaching of urine and its applicability in oral cancer diagnosis. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 28, 18-24.	2.6	5
4	Inverse spatially offset Raman spectroscopy using optical fibers: An axicon lens-free approach. <i>Journal of Biophotonics</i> , 2019, 12, e201900140.	2.3	2
5	Nanotrap-Enhanced Raman Spectroscopy: An Efficient Technique for Trace Detection of Bioanalytes. <i>Analytical Chemistry</i> , 2019, 91, 3555-3560.	6.5	6
6	Spatially-offset fluorescence spectroscopy (SOFS) using ring illumination and point collection for sub-surface measurements in layered tissue. <i>Biomedical Engineering Letters</i> , 2016, 6, 265-270.	4.1	0
7	A dual-modal optical system combining depth-sensitive laser induced fluorescence (LIF) spectroscopy and optical coherence tomography (OCT) for analyzing layered biological tissue. <i>Biomedical Spectroscopy and Imaging</i> , 2016, 5, 313-324.	1.2	4
8	Inverse SORS for detecting a low Raman active turbid sample placed inside a highly Raman active diffusely scattering matrix – A feasibility study. <i>Journal of Biophotonics</i> , 2016, 9, 879-887.	2.3	8
9	Depth-Sensitive Raman Spectroscopy of Intact Formalin-Fixed and Paraffin-Embedded Tissue Blocks for Objective Diagnosis of Cancer- An Exploratory Study. <i>Journal of Analytical Oncology</i> , 2016, 5, .	0.1	1
10	Detection of Urea Adulteration in Milk Using Near-Infrared Raman Spectroscopy. <i>Food Analytical Methods</i> , 2015, 8, 93-102.	2.6	90
11	<i>In vivo</i> Raman spectroscopy for detection of oral neoplasia: A pilot clinical study. <i>Journal of Biophotonics</i> , 2014, 7, 690-702.	2.3	66
12	Depth-sensitive Raman spectroscopy combined with optical coherence tomography for layered tissue analysis. <i>Journal of Biophotonics</i> , 2014, 7, 77-85.	2.3	40
13	Anatomical variability of in vivo Raman spectra of normal oral cavity and its effect on oral tissue classification. <i>Biomedical Spectroscopy and Imaging</i> , 2013, 2, 199-217.	1.2	15
14	Range-independent background subtraction algorithm for recovery of Raman spectra of biological tissue. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1884-1894.	2.5	47