

Hemant Krishna

List of Publications by Year in descending order

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14
papers

292
citations

1478505

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1125743

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14
all docs

14
docs citations

14
times ranked

411
citing authors

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