

Shiyamala Duraipandian

List of Publications by Year in descending order

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9
papers

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1163117
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695
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous Fingerprint and High-Wavenumber Confocal Raman Spectroscopy Enhances Early Detection of Cervical Precancer In Vivo. <i>Analytical Chemistry</i> , 2012, 84, 5913-5919.	6.5	123
2	Real-time Raman spectroscopy for in vivo, online gastric cancer diagnosis during clinical endoscopic examination. <i>Journal of Biomedical Optics</i> , 2012, 17, 1.	2.6	115
3	In vivo diagnosis of cervical precancer using Raman spectroscopy and genetic algorithm techniques. <i>Analyst, The</i> , 2011, 136, 4328.	3.5	85
4	Near-infrared-excited confocal Raman spectroscopy advances <i>in vivo</i> diagnosis of cervical precancer. <i>Journal of Biomedical Optics</i> , 2013, 18, 067007.	2.6	47
5	Authenticity and Concentration Analysis of Extra Virgin Olive Oil Using Spontaneous Raman Spectroscopy and Multivariate Data Analysis. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2433.	2.5	44
6	Raman spectroscopic detection of high-grade cervical cytology: Using morphologically normal appearing cells. <i>Scientific Reports</i> , 2018, 8, 15048.	3.3	29
7	Near-infrared Raman spectroscopy for assessing biochemical changes of cervical tissue associated with precarcinogenic transformation. <i>Analyst, The</i> , 2014, 139, 5379-5386.	3.5	21
8	Non-invasive analysis of hormonal variations and effect of postmenopausal Vagifem treatment on women using <i>in vivo</i> high wavenumber confocal Raman spectroscopy. <i>Analyst, The</i> , 2013, 138, 4120.	3.5	14
9	A fast and novel internal calibration method for quantitative Raman measurements on aqueous solutions. <i>Analytical Methods</i> , 2018, 10, 3589-3593.	2.7	7