

Ramesh Jagannathan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

492
citations

13
h-index

17
g-index

17
ext. papers

530
ext. citations

2.8
avg, IF

2.81
L-index

#	Paper	IF	Citations
17	Diagnostic potential of Fourier-transform infrared microspectroscopy and advanced computational methods in colon cancer patients. <i>Journal of Biomedical Optics</i> , 2002 , 7, 248-54	3.5	122
16	Novel spectral method for the study of viral carcinogenesis in vitro. <i>Journal of Proteomics</i> , 2002 , 50, 111-21		51
15	Distinction of cervical cancer biopsies by use of infrared microspectroscopy and probabilistic neural networks. <i>Applied Optics</i> , 2005 , 44, 3725-34	1.7	47
14	Sea foam as a source of fungal inoculum for the isolation of biologically active natural products. <i>Mycology</i> , 2014 , 5, 130-144	3.7	32
13	FTIR microspectroscopy of malignant fibroblasts transformed by mouse sarcoma virus. <i>Journal of Proteomics</i> , 2003 , 55, 141-53		32
12	Fourier transform infrared microspectroscopy as a quantitative diagnostic tool for assignment of premalignancy grading in cervical neoplasia. <i>Journal of Biomedical Optics</i> , 2004 , 9, 558-67	3.5	30
11	Application of FTIR microscopy for the characterization of malignancy: H-ras transfected murine fibroblasts as an example. <i>Journal of Proteomics</i> , 2001 , 50, 33-42		26
10	FTIR Microscopic Studies on Normal, Polyp, and Malignant Human Colonic Tissues. <i>Subsurface Sensing Technologies and Applications</i> , 2001 , 2, 99-117		25
9	FTIR microscopic studies on normal and H-ras oncogene transfected cultured mouse fibroblasts. <i>European Biophysics Journal</i> , 2001 , 30, 250-5	1.9	23
8	Preliminary results of evaluation of progress in chemotherapy for childhood leukemia patients employing Fourier-transform infrared microspectroscopy and cluster analysis. <i>Translational Research</i> , 2003 , 141, 385-94		21
7	Novel methodology for the follow-up of acute lymphoblastic leukemia using FTIR microspectroscopy. <i>Journal of Proteomics</i> , 2002 , 51, 251-61		21
6	Near-real-time determination of hydrogen peroxide generated from cigarette smoke. <i>Journal of Environmental Monitoring</i> , 2005 , 7, 681-7		20
5	Fluorescence spectroscopy for detection of malignancy: H-ras overexpressing fibroblasts as a model. <i>Journal of Proteomics</i> , 2001 , 50, 53-63		20
4	Characterization of Drug-like Chemical Space for Cytotoxic Marine Metabolites Using Multivariate Methods. <i>ACS Omega</i> , 2019 , 4, 5402-5411	3.9	8
3	Development of a fluorescence detection system using optical parametric oscillator (OPO) laser excitation for in vivo diagnosis. <i>Technology in Cancer Research and Treatment</i> , 2003 , 2, 515-23	2.7	7
2	Identification of Psychoactive Metabolites from , Its Smoke, and Other Phytocannabinoids Using Machine Learning and Multivariate Methods. <i>ACS Omega</i> , 2020 , 5, 281-295	3.9	4
1	Real-Time Monitoring of Polycyclic Aromatic Hydrocarbons in Cigarette Smoke Using Time-Resolved Laser-Induced Fluorescence. <i>Polycyclic Aromatic Compounds</i> , 2003 , 23, 429-439	1.3	3

