

Edward Vitkin

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,759
citations

1040056

9
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

3785
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer Exosomes Perform Cell-Independent MicroRNA Biogenesis and Promote Tumorigenesis. <i>Cancer Cell</i> , 2014, 26, 707-721.	16.8	1,293
2	Multispectral scanning during endoscopy guides biopsy of dysplasia in Barrett's esophagus. <i>Nature Medicine</i> , 2010, 16, 603-606.	30.7	149
3	Confocal light absorption and scattering spectroscopic microscopy monitors organelles in live cells with no exogenous labels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17255-17260.	7.1	136
4	Confocal light absorption and scattering spectroscopic microscopy. <i>Applied Optics</i> , 2007, 46, 1760.	2.1	52
5	Light scattering spectroscopy identifies the malignant potential of pancreatic cysts during endoscopy. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	37
6	Picoanalysis of Drugs in Biofluids with Quantitative Label-Free Surface-Enhanced Raman Spectroscopy. <i>Small</i> , 2018, 14, e1802392.	10.0	29
7	Multispectral light scattering endoscopic imaging of esophageal precancer. <i>Light: Science and Applications</i> , 2018, 7, 17174-17174.	16.6	26
8	Spectroscopic label-free microscopy of changes in live cell chromatin and biochemical composition in transplantable organoids. <i>Science Advances</i> , 2021, 7, .	10.3	21
9	Multispectral Endoscopy With Light Gating for Early Cancer Detection. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2019, 25, 1-9.	2.9	9
10	Picoanalysis: Picoanalysis of Drugs in Biofluids with Quantitative Label-Free Surface-Enhanced Raman Spectroscopy (<i>Small</i> 47/2018). <i>Small</i> , 2018, 14, 1870227.	10.0	3
11	Coherent Confocal Light Scattering Spectroscopic Microscopy Evaluates Cancer Progression and Aggressiveness in Live Cells and Tissue. <i>ACS Photonics</i> , 2021, 8, 2050-2059.	6.6	3
12	Rapid detection and identification of bacteria directly from whole blood with light scattering spectroscopy based biosensor. <i>Sensors and Actuators B: Chemical</i> , 2021, 346, 130489.	7.8	1
13	Observation of narrow spectral linewidths from single gold nanorods. , 2008, , .		0