

Edward Vitkin

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,759
citations

1039406

9
h-index

1199166

12
g-index

13
all docs

13
docs citations

13
times ranked

3785
citing authors

#	ARTICLE	IF	CITATIONS
1	Coherent Confocal Light Scattering Spectroscopic Microscopy Evaluates Cancer Progression and Aggressiveness in Live Cells and Tissue. ACS Photonics, 2021, 8, 2050-2059.	3.2	3
2	Spectroscopic label-free microscopy of changes in live cell chromatin and biochemical composition in transplantable organoids. Science Advances, 2021, 7, .	4.7	21
3	Rapid detection and identification of bacteria directly from whole blood with light scattering spectroscopy based biosensor. Sensors and Actuators B: Chemical, 2021, 346, 130489.	4.0	1
4	Multispectral Endoscopy With Light Gating for Early Cancer Detection. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-9.	1.9	9
5	Picoanalysis: Picoanalysis of Drugs in Biofluids with Quantitative Label-Free Surface-Enhanced Raman Spectroscopy (Small 47/2018). Small, 2018, 14, 1870227.	5.2	3
6	Picoanalysis of Drugs in Biofluids with Quantitative Label-Free Surface-Enhanced Raman Spectroscopy. Small, 2018, 14, e1802392.	5.2	29
7	Multispectral light scattering endoscopic imaging of esophageal precancer. Light: Science and Applications, 2018, 7, 17174-17174.	7.7	26
8	Light scattering spectroscopy identifies the malignant potential of pancreatic cysts during endoscopy. Nature Biomedical Engineering, 2017, 1, .	11.6	37
9	Cancer Exosomes Perform Cell-Independent MicroRNA Biogenesis and Promote Tumorigenesis. Cancer Cell, 2014, 26, 707-721.	7.7	1,293
10	Multispectral scanning during endoscopy guides biopsy of dysplasia in Barrett's esophagus. Nature Medicine, 2010, 16, 603-606.	15.2	149
11	Observation of narrow spectral linewidths from single gold nanorods. , 2008, , .		0
12	Confocal light absorption and scattering spectroscopic microscopy monitors organelles in live cells with no exogenous labels. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17255-17260.	3.3	136
13	Confocal light absorption and scattering spectroscopic microscopy. Applied Optics, 2007, 46, 1760.	2.1	52