

Lev T Perelman

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,648
citations

1039406

9
h-index

996533

15
g-index

17
all docs

17
docs citations

17
times ranked

3753
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a Scalable Three-Dimensional Culture of Human Induced Pluripotent Stem Cells-Derived Liver Organoids. <i>Methods in Molecular Biology</i> , 2022, 2455, 131-147.	0.4	4
2	Coherent Confocal Light Scattering Spectroscopic Microscopy Evaluates Cancer Progression and Aggressiveness in Live Cells and Tissue. <i>ACS Photonics</i> , 2021, 8, 2050-2059.	3.2	3
3	Two-photon polymerization nanofabrication of ultracompact light scattering spectroscopic probe for detection of pre-cancer in pancreatic cyst. <i>Optics and Lasers in Engineering</i> , 2021, 142, 106616.	2.0	5
4	Measuring Droplets Expelled During Endoscopy to Investigate COVID-19 Transmission Risk. <i>Gastroenterology</i> , 2021, 161, 1702-1704.e3.	0.6	4
5	Spectroscopic label-free microscopy of changes in live cell chromatin and biochemical composition in transplantable organoids. <i>Science Advances</i> , 2021, 7, .	4.7	21
6	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.	4.0	1
7	Multispectral Endoscopy With Light Gating for Early Cancer Detection. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2019, 25, 1-9.	1.9	9
8	Picoanalysis: Picoanalysis of Drugs in Biofluids with Quantitative Label-Free Surface-Enhanced Raman Spectroscopy (Small 47/2018). <i>Small</i> , 2018, 14, 1870227.	5.2	3
9	Picoanalysis of Drugs in Biofluids with Quantitative Label-Free Surface-Enhanced Raman Spectroscopy. <i>Small</i> , 2018, 14, e1802392.	5.2	29
10	Multispectral light scattering endoscopic imaging of esophageal precancer. <i>Light: Science and Applications</i> , 2018, 7, 17174-17174.	7.7	26
11	Light scattering spectroscopy identifies the malignant potential of pancreatic cysts during endoscopy. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	37
12	Cancer Exosomes Perform Cell-Independent MicroRNA Biogenesis and Promote Tumorigenesis. <i>Cancer Cell</i> , 2014, 26, 707-721.	7.7	1,293
13	Multispectral scanning during endoscopy guides biopsy of dysplasia in Barrett's esophagus. <i>Nature Medicine</i> , 2010, 16, 603-606.	15.2	149
14	Observation of plasmon line broadening in single gold nanorods. <i>Applied Physics Letters</i> , 2008, 93, 153106.	1.5	27
15	Observation of narrow spectral linewidths from single gold nanorods. , 2008, , .		0
16	Optical diagnostic technology based on light scattering spectroscopy for early cancer detection. <i>Expert Review of Medical Devices</i> , 2006, 3, 787-803.	1.4	37