

Junjie Li

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,831
citations

346980

22
h-index

651938

25
g-index

31
all docs

31
docs citations

31
times ranked

5053
citing authors

#	ARTICLE	IF	CITATIONS
1	Cholesteryl Ester Accumulation Induced by PTEN Loss and PI3K/AKT Activation Underlies Human Prostate Cancer Aggressiveness. <i>Cell Metabolism</i> , 2014, 19, 393-406.	7.2	671
2	Lipid Desaturation Is a Metabolic Marker and Therapeutic Target of Ovarian Cancer Stem Cells. <i>Cell Stem Cell</i> , 2017, 20, 303-314.e5.	5.2	414
3	Single Cell Optical Imaging and Spectroscopy. <i>Chemical Reviews</i> , 2013, 113, 2469-2527.	23.0	250
4	Abrogating cholesterol esterification suppresses growth and metastasis of pancreatic cancer. <i>Oncogene</i> , 2016, 35, 6378-6388.	2.6	212
5	Microsecond scale vibrational spectroscopic imaging by multiplex stimulated Raman scattering microscopy. <i>Light: Science and Applications</i> , 2015, 4, e265-e265.	7.7	172
6	Direct Visualization of De novo Lipogenesis in Single Living Cells. <i>Scientific Reports</i> , 2014, 4, 6807.	1.6	139
7	Label-Free Quantitative Imaging of Cholesterol in Intact Tissues by Hyperspectral Stimulated Raman Scattering Microscopy. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13042-13046.	7.2	91
8	Spectrometer-free vibrational imaging by retrieving stimulated Raman signal from highly scattered photons. <i>Science Advances</i> , 2015, 1, e1500738.	4.7	88
9	Plk1 Inhibition Enhances the Efficacy of Androgen Signaling Blockade in Castration-Resistant Prostate Cancer. <i>Cancer Research</i> , 2014, 74, 6635-6647.	0.4	87
10	Stimulated Raman scattering flow cytometry for label-free single-particle analysis. <i>Optica</i> , 2017, 4, 103.	4.8	86
11	Photochemical Tagging for Quantitation of Unsaturated Fatty Acids by Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 8931-8935.	3.2	82
12	Multiplex Stimulated Raman Scattering Imaging Cytometry Reveals Lipid-Rich Protrusions in Cancer Cells under Stress Condition. <i>IScience</i> , 2020, 23, 100953.	1.9	72
13	Avasimibe Encapsulated in Human Serum Albumin Blocks Cholesterol Esterification for Selective Cancer Treatment. <i>ACS Nano</i> , 2015, 9, 2420-2432.	7.3	68
14	Quantification of Lipid Metabolism in Living Cells through the Dynamics of Lipid Droplets Measured by Stimulated Raman Scattering Imaging. <i>Analytical Chemistry</i> , 2017, 89, 4502-4507.	3.2	63
15	Cholesterol Esterification Inhibition Suppresses Prostate Cancer Metastasis by Impairing the Wnt/ β -catenin Pathway. <i>Molecular Cancer Research</i> , 2018, 16, 974-985.	1.5	52
16	Cholesterol esterification inhibition and gemcitabine synergistically suppress pancreatic ductal adenocarcinoma proliferation. <i>PLoS ONE</i> , 2018, 13, e0193318.	1.1	43
17	Cholesterol esterification inhibition and imatinib treatment synergistically inhibit growth of BCR-ABL mutation-independent resistant chronic myelogenous leukemia. <i>PLoS ONE</i> , 2017, 12, e0179558.	1.1	41
18	Volumetric stimulated Raman scattering imaging of cleared tissues towards three-dimensional chemical histopathology. <i>Biomedical Optics Express</i> , 2019, 10, 4329.	1.5	36

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19	Label-Free Imaging of Heme Dynamics in Living Organisms by Transient Absorption Microscopy. <i>Analytical Chemistry</i> , 2018, 90, 3395-3401.	3.2	31
20	Highly sensitive transient absorption imaging of graphene and graphene oxide in living cells and circulating blood. <i>Scientific Reports</i> , 2015, 5, 12394.	1.6	30
21	In vitro exploration of ACAT contributions to lipid droplet formation during adipogenesis. <i>Journal of Lipid Research</i> , 2018, 59, 820-829.	2.0	29
22	Polarization-sensitive stimulated Raman scattering imaging resolves amphotericin B orientation in <i>Candida</i> membrane. <i>Science Advances</i> , 2021, 7, .	4.7	27
23	Fingerprint Stimulated Raman Scattering Imaging Reveals Retinoid Coupling Lipid Metabolism and Survival. <i>ChemPhysChem</i> , 2018, 19, 2500-2506.	1.0	25
24	Intermuscular Adipose Tissue Content and Intramyocellular Lipid Fatty Acid Saturation Are Associated with Glucose Homeostasis in Middle-Aged and Older Adults. <i>Endocrinology and Metabolism</i> , 2017, 32, 257.	1.3	17
25	A femtosecond stimulated Raman loss (fSRL) microscope for highly sensitive bond-selective imaging. <i>Proceedings of SPIE</i> , 2011, , .	0.8	1
26	Abstract B50: Abrogating cholesterol esterification suppresses pancreatic cancer growth and metastasis mediated by caveolin-1. , 2015, , .		1
27	Seeing the Unseen in Cell Machinery Single Living Cells by Label-Free Spectroscopic Imaging. <i>Biophysical Journal</i> , 2013, 104, 193a.	0.2	0
28	Antibiotic Resistance: Photo-Disassembly of Membrane Microdomains Revives Conventional Antibiotics against MRSA (Adv. Sci. 6/2020). <i>Advanced Science</i> , 2020, 7, 2070035.	5.6	0
29	SRS image cytometry for high-content single cell analysis. , 2019, , .		0