

Junjie Li

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,831
citations

304743

22
h-index

580821

25
g-index

31
all docs

31
docs citations

31
times ranked

4568
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.	16.2	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.	11.1	414
3	Single Cell Optical Imaging and Spectroscopy. <i>Chemical Reviews</i> , 2013, 113, 2469-2527.	47.7	250
4	Abrogating cholesterol esterification suppresses growth and metastasis of pancreatic cancer. <i>Oncogene</i> , 2016, 35, 6378-6388.	5.9	212
5	Microsecond scale vibrational spectroscopic imaging by multiplex stimulated Raman scattering microscopy. <i>Light: Science and Applications</i> , 2015, 4, e265-e265.	16.6	172
6	Direct Visualization of De novo Lipogenesis in Single Living Cells. <i>Scientific Reports</i> , 2014, 4, 6807.	3.3	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.	13.8	91
8	Spectrometer-free vibrational imaging by retrieving stimulated Raman signal from highly scattered photons. <i>Science Advances</i> , 2015, 1, e1500738.	10.3	88
9	Plk1 Inhibition Enhances the Efficacy of Androgen Signaling Blockade in Castration-Resistant Prostate Cancer. <i>Cancer Research</i> , 2014, 74, 6635-6647.	0.9	87
10	Stimulated Raman scattering flow cytometry for label-free single-particle analysis. <i>Optica</i> , 2017, 4, 103.	9.3	86
11	Photochemical Tagging for Quantitation of Unsaturated Fatty Acids by Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 8931-8935.	6.5	82
12	Multiplex Stimulated Raman Scattering Imaging Cytometry Reveals Lipid-Rich Protrusions in Cancer Cells under Stress Condition. <i>IScience</i> , 2020, 23, 100953.	4.1	72
13	Avasimibe Encapsulated in Human Serum Albumin Blocks Cholesterol Esterification for Selective Cancer Treatment. <i>ACS Nano</i> , 2015, 9, 2420-2432.	14.6	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.	6.5	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.	3.4	52
16	Cholesterol esterification inhibition and gemcitabine synergistically suppress pancreatic ductal adenocarcinoma proliferation. <i>PLoS ONE</i> , 2018, 13, e0193318.	2.5	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.	2.5	41
18	Volumetric stimulated Raman scattering imaging of cleared tissues towards three-dimensional chemical histopathology. <i>Biomedical Optics Express</i> , 2019, 10, 4329.	2.9	36

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19	Label-Free Imaging of Heme Dynamics in Living Organisms by Transient Absorption Microscopy. Analytical Chemistry, 2018, 90, 3395-3401.	6.5	31
20	Highly sensitive transient absorption imaging of graphene and graphene oxide in living cells and circulating blood. Scientific Reports, 2015, 5, 12394.	3.3	30
21	In vitro exploration of ACAT contributions to lipid droplet formation during adipogenesis. Journal of Lipid Research, 2018, 59, 820-829.	4.2	29
22	Polarization-sensitive stimulated Raman scattering imaging resolves amphotericin B orientation in <i>Candida</i> membrane. Science Advances, 2021, 7, .	10.3	27
23	Fingerprint Stimulated Raman Scattering Imaging Reveals Retinoid Coupling Lipid Metabolism and Survival. ChemPhysChem, 2018, 19, 2500-2506.	2.1	25
24	Intermuscular Adipose Tissue Content and Intramyocellular Lipid Fatty Acid Saturation Are Associated with Glucose Homeostasis in Middle-Aged and Older Adults. Endocrinology and Metabolism, 2017, 32, 257.	3.0	17
25	A femtosecond stimulated Raman loss (fSRL) microscope for highly sensitive bond-selective imaging. Proceedings of SPIE, 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. Biophysical Journal, 2013, 104, 193a.	0.5	0
28	Antibiotic Resistance: Photo-Disassembly of Membrane Microdomains Revives Conventional Antibiotics against MRSA (Adv. Sci. 6/2020). Advanced Science, 2020, 7, 2070035.	11.2	0
29	SRS image cytometry for high-content single cell analysis. , 2019, , .		0