

# 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	Polarization-sensitive stimulated Raman scattering imaging resolves amphotericin B orientation in <i>Candida</i> membrane. <i>Science Advances</i> , 2021, 7, .	10.3	27
2	Antibiotic Resistance: Photo-Disassembly of Membrane Microdomains Revives Conventional Antibiotics against MRSA (Adv. Sci. 6/2020). <i>Advanced Science</i> , 2020, 7, 2070035.	11.2	0
3	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
4	Volumetric stimulated Raman scattering imaging of cleared tissues towards three-dimensional chemical histopathology. <i>Biomedical Optics Express</i> , 2019, 10, 4329.	2.9	36
5	SRS image cytometry for high-content single cell analysis. , 2019, , .		0
6	Label-Free Imaging of Heme Dynamics in Living Organisms by Transient Absorption Microscopy. <i>Analytical Chemistry</i> , 2018, 90, 3395-3401.	6.5	31
7	In vitro exploration of ACAT contributions to lipid droplet formation during adipogenesis. <i>Journal of Lipid Research</i> , 2018, 59, 820-829.	4.2	29
8	Cholesterol Esterification Inhibition Suppresses Prostate Cancer Metastasis by Impairing the Wnt/ $\beta$ -catenin Pathway. <i>Molecular Cancer Research</i> , 2018, 16, 974-985.	3.4	52
9	Cholesterol esterification inhibition and gemcitabine synergistically suppress pancreatic ductal adenocarcinoma proliferation. <i>PLoS ONE</i> , 2018, 13, e0193318.	2.5	43
10	Fingerprint Stimulated Raman Scattering Imaging Reveals Retinoid Coupling Lipid Metabolism and Survival. <i>ChemPhysChem</i> , 2018, 19, 2500-2506.	2.1	25
11	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
12	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
13	Stimulated Raman scattering flow cytometry for label-free single-particle analysis. <i>Optica</i> , 2017, 4, 103.	9.3	86
14	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.	3.0	17
15	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
16	Abrogating cholesterol esterification suppresses growth and metastasis of pancreatic cancer. <i>Oncogene</i> , 2016, 35, 6378-6388.	5.9	212
17	Photochemical Tagging for Quantitation of Unsaturated Fatty Acids by Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 8931-8935.	6.5	82
18	Avasimibe Encapsulated in Human Serum Albumin Blocks Cholesterol Esterification for Selective Cancer Treatment. <i>ACS Nano</i> , 2015, 9, 2420-2432.	14.6	68

#	ARTICLE	IF	CITATIONS
19	Highly sensitive transient absorption imaging of graphene and graphene oxide in living cells and circulating blood. Scientific Reports, 2015, 5, 12394.	3.3	30
20	Spectrometer-free vibrational imaging by retrieving stimulated Raman signal from highly scattered photons. Science Advances, 2015, 1, e1500738.	10.3	88
21	Microsecond scale vibrational spectroscopic imaging by multiplex stimulated Raman scattering microscopy. Light: Science and Applications, 2015, 4, e265-e265.	16.6	172
22	Abstract B50: Abrogating cholesterol esterification suppresses pancreatic cancer growth and metastasis mediated by caveolin-1. , 2015, , .		1
23	Cholesteryl Ester Accumulation Induced by PTEN Loss and PI3K/AKT Activation Underlies Human Prostate Cancer Aggressiveness. Cell Metabolism, 2014, 19, 393-406.	16.2	671
24	Plk1 Inhibition Enhances the Efficacy of Androgen Signaling Blockade in Castration-Resistant Prostate Cancer. Cancer Research, 2014, 74, 6635-6647.	0.9	87
25	Direct Visualization of De novo Lipogenesis in Single Living Cells. Scientific Reports, 2014, 4, 6807.	3.3	139
26	Seeing the Unseen in Cell Machinery Single Living Cells by Label-Free Spectroscopic Imaging. Biophysical Journal, 2013, 104, 193a.	0.5	0
27	Single Cell Optical Imaging and Spectroscopy. Chemical Reviews, 2013, 113, 2469-2527.	47.7	250
28	Label-Free Quantitative Imaging of Cholesterol in Intact Tissues by Hyperspectral Stimulated Raman Scattering Microscopy. Angewandte Chemie - International Edition, 2013, 52, 13042-13046.	13.8	91
29	A femtosecond stimulated Raman loss (fSRL) microscope for highly sensitive bond-selective imaging. Proceedings of SPIE, 2011, , .	0.8	1