

# Xiaowen Liang

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

2,642  
citations

218592

26  
h-index

197736

49  
g-index

96  
all docs

96  
docs citations

96  
times ranked

4828  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term survival and postoperative complications of pre-liver transplantation transarterial chemoembolisation in hepatocellular carcinoma: A systematic review and meta-analysis. <i>European Journal of Surgical Oncology</i> , 2022, 48, 621-631.	0.5	9
2	DIRAS3: An Imprinted Tumor Suppressor Gene that Regulates RAS and PI3K-driven Cancer Growth, Motility, Autophagy, and Tumor Dormancy. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 25-37.	1.9	20
3	Investigation of Protein-Lipid Interactions Using Native Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2022, 2349, 41-64.	0.4	4
4	Efficacy and safety of immune-modulating therapy for primary sclerosing cholangitis: A systematic review and meta-analysis. , 2022, 237, 108163.		4
5	C24-Ceramide Drives Gallbladder Cancer Progression Through Directly Targeting Phosphatidylinositol 5-Phosphate 4-Kinase Type 2 Gamma to Facilitate Mammalian Target of Rapamycin Signaling Activation. <i>Hepatology</i> , 2021, 73, 692-712.	3.6	19
6	Piptides: New, Easily Accessible Chemotypes For Interactions With Biomolecules. <i>Angewandte Chemie</i> , 2021, 133, 6727-6733.	1.6	0
7	Piptides: New, Easily Accessible Chemotypes For Interactions With Biomolecules. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6653-6659.	7.2	4
8	Effect of metabolic syndrome components on the risk of malignancy in patients with gallbladder lesions. <i>Journal of Cancer</i> , 2021, 12, 1531-1537.	1.2	3
9	Liver organoid as a 3D in vitro model for drug validation and toxicity assessment. <i>Pharmacological Research</i> , 2021, 169, 105608.	3.1	32
10	A Monochromophoric Approach to Succinct Ratiometric Fluorescent Probes without Probe-Product Crosstalk. <i>CCS Chemistry</i> , 2021, 3, 2307-2315.	4.6	14
11	Genome-wide analysis of in vivo CcpA binding with and without its key co-factor HPr in the major human pathogen group A <i>Streptococcus</i> . <i>Molecular Microbiology</i> , 2021, 115, 1207-1228.	1.2	11
12	CR-Unet: A Composite Network for Ovary and Follicle Segmentation in Ultrasound Images. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 974-983.	3.9	59
13	Computer-aided diagnosis of gallbladder polyps based on high resolution ultrasonography. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 185, 105118.	2.6	19
14	Identification of hub genes and construction of transcriptional regulatory network for the progression of colon adenocarcinoma hub genes and TF regulatory network of colon adenocarcinoma. <i>Journal of Cellular Physiology</i> , 2020, 235, 2037-2048.	2.0	29
15	Therapeutic modulators of hepatic stellate cells for hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2020, 147, 1519-1527.	2.3	25
16	CR-Unet-Based Ultrasonic Follicle Monitoring to Reduce Diameter Variability and Generate Area Automatically as a Novel Biomarker for Follicular Maturity. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 3125-3134.	0.7	8
17	Surgical outcomes of colonic stents as a bridge to surgery versus emergency surgery for malignant colorectal obstruction: A systematic review and meta-analysis of high quality prospective and randomised controlled trials. <i>European Journal of Surgical Oncology</i> , 2020, 46, 1404-1414.	0.5	31
18	Using in vivo multiphoton fluorescence lifetime imaging to unravel disease-specific changes in the liver redox state. <i>Methods and Applications in Fluorescence</i> , 2020, 8, 034003.	1.1	5

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19	Imaging-based vascular-related biomarkers for early detection of acetaminophen-induced liver injury. <i>Theranostics</i> , 2020, 10, 6715-6727.	4.6	7
20	Sequential PDT and PTT Using Dual-Modal Single-Walled Carbon Nanohorns Synergistically Promote Systemic Immune Responses against Tumor Metastasis and Relapse. <i>Advanced Science</i> , 2020, 7, 2001088.	5.6	119
21	Multiphoton and FLIM imaging in quantifying ex vivo and in vivo body organ kinetics of solutes. , 2020, , .		1
22	Impact of Tumor Site on Lymph Node Status and Survival in Colon Cancer. <i>Journal of Cancer</i> , 2019, 10, 2376-2383.	1.2	12
23	Designer artificial membrane binding proteins to direct stem cells to the myocardium. <i>Chemical Science</i> , 2019, 10, 7610-7618.	3.7	15
24	Impact of Age on Risk of Lymph Node Positivity in Patients with Colon Cancer. <i>Journal of Cancer</i> , 2019, 10, 2102-2108.	1.2	7
25	Evaluation of Quantum Dot Skin Penetration in Porcine Skin: Effect of Age and Anatomical Site of Topical Application. <i>Skin Pharmacology and Physiology</i> , 2019, 32, 182-191.	1.1	12
26	DIRAS3-Derived Peptide Inhibits Autophagy in Ovarian Cancer Cells by Binding to Beclin1. <i>Cancers</i> , 2019, 11, 557.	1.7	16
27	Tumor Chemo-Radiotherapy with Rod-Shaped and Spherical Gold Nano Probes: Shape and Active Targeting Both Matter. <i>Theranostics</i> , 2019, 9, 1893-1908.	4.6	66
28	GE11-PDA-Pt@USPIOs nano-formulation for relief of tumor hypoxia and MRI/PAI-guided tumor radio-chemotherapy. <i>Biomaterials Science</i> , 2019, 7, 2076-2090.	2.6	34
29	DIRAS3 (ARHI) Blocks RAS/MAPK Signaling by Binding Directly to RAS and Disrupting RAS Clusters. <i>Cell Reports</i> , 2019, 29, 3448-3459.e6.	2.9	44
30	A Water-Soluble, Green-Light Triggered, and Photo-Calibrated Nitric Oxide Donor for Biological Applications. <i>Bioconjugate Chemistry</i> , 2018, 29, 1194-1198.	1.8	42
31	Highly Sensitive Hill-Type Small-Molecule pH Probe That Recognizes the Reversed pH Gradient of Cancer Cells. <i>Analytical Chemistry</i> , 2018, 90, 5803-5809.	3.2	56
32	18 Revealing interaction of dyes and nanomaterials by multiphoton imaging. , 2018, , 345-368.		1
33	A Photo-triggered and photo-calibrated nitric oxide donor: Rational design, spectral characterizations, and biological applications. <i>Free Radical Biology and Medicine</i> , 2018, 123, 1-7.	1.3	22
34	Concise Review: Quantitative Detection and Modeling the In Vivo Kinetics of Therapeutic Mesenchymal Stem/Stromal Cells. <i>Stem Cells Translational Medicine</i> , 2018, 7, 78-86.	1.6	38
35	Anionic Long-Circulating Quantum Dots for Long-Term Intravital Vascular Imaging. <i>Pharmaceutics</i> , 2018, 10, 244.	2.0	11
36	The role of cellular reactive oxygen species in cancer chemotherapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 266.	3.5	488

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37	Indocyanine green-incorporating nanoparticles for cancer theranostics. <i>Theranostics</i> , 2018, 8, 1227-1242.	4.6	252
38	The prognostic value of negative lymph node count for patients with cervical cancer after radical surgery. <i>Oncotarget</i> , 2018, 9, 2810-2818.	0.8	9
39	Modelling of the SDF-1/CXCR4 regulated <i>in vivo</i> homing of therapeutic mesenchymal stem/stromal cells in mice. <i>PeerJ</i> , 2018, 6, e6072.	0.9	57
40	Visualizing liver anatomy, physiology and pharmacology using multiphoton microscopy. <i>Journal of Biophotonics</i> , 2017, 10, 46-60.	1.1	31
41	Amino acid polymorphisms in the fibronectin-binding repeats of fibronectin-binding protein A affect bond strength and fibronectin conformation. <i>Journal of Biological Chemistry</i> , 2017, 292, 8797-8810.	1.6	16
42	Self-protection against triptolide-induced toxicity in human hepatic cells via Nrf2-ARE-NQO1 pathway. <i>Chinese Journal of Integrative Medicine</i> , 2017, 23, 929-936.	0.7	10
43	Two-photon dual imaging platform for <i>in vivo</i> monitoring cellular oxidative stress in liver injury. <i>Scientific Reports</i> , 2017, 7, 45374.	1.6	35
44	The influence of marital status on survival of gallbladder cancer patients: a population-based study. <i>Scientific Reports</i> , 2017, 7, 5322.	1.6	20
45	Visualization and Modeling of the <i>In Vivo</i> Distribution of Mesenchymal Stem Cells. <i>Current Protocols in Stem Cell Biology</i> , 2017, 43, 2B.8.1-2B.8.17.	3.0	3
46	Negative lymph node count is an independent prognostic factor for patients with rectal cancer who received preoperative radiotherapy. <i>BMC Cancer</i> , 2017, 17, 227.	1.1	23
47	MDCT assessment of resectability in hilar cholangiocarcinoma. <i>Abdominal Radiology</i> , 2017, 42, 851-860.	1.0	22
48	A unique iridium(III) complex-based chemosensor for multi-signal detection and multi-channel imaging of hypochlorous acid in liver injury. <i>Biosensors and Bioelectronics</i> , 2017, 87, 1005-1011.	5.3	117
49	TROP2 promotes proliferation, migration and metastasis of gallbladder cancer cells by regulating PI3K/AKT pathway and inducing EMT. <i>Oncotarget</i> , 2017, 8, 47052-47063.	0.8	72
50	The prognostic value of negative lymph node count for patients with gastric cancer who received preoperative radiotherapy. <i>Oncotarget</i> , 2017, 8, 46946-46954.	0.8	9
51	Age-specific impact on the survival of gastric cancer patients with distant metastasis: an analysis of SEER database. <i>Oncotarget</i> , 2017, 8, 97090-97100.	0.8	12
52	A physiologically based kinetic model for elucidating the <i>in vivo</i> distribution of administered mesenchymal stem cells. <i>Scientific Reports</i> , 2016, 6, 22293.	1.6	23
53	<i>In vivo</i> quantitative visualization of hypochlorous acid in the liver using a novel selective two-photon fluorescent probe. , 2016, , .		0
54	Emodin enhances cisplatin-induced cytotoxicity in human bladder cancer cells through ROS elevation and MRP1 downregulation. <i>BMC Cancer</i> , 2016, 16, 578.	1.1	69

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55	Short- and Long-Term Tracking of Anionic Ultrasmall Nanoparticles in Kidney. ACS Nano, 2016, 10, 387-395.	7.3	95
56	Physiologically Based Pharmacokinetic Model for Long-Circulating Inorganic Nanoparticles. Nano Letters, 2016, 16, 939-945.	4.5	42
57	Allosteric Regulation of Fibronectin/ $\alpha 5 \beta 1$ Interaction by Fibronectin-Binding MSCRAMMs. PLoS ONE, 2016, 11, e0159118.	1.1	41
58	Multiphoton imaging for assessing renal disposition in acute kidney injury. , 2016, , .		0
59	Non-invasive assessment of the liver using imaging. Proceedings of SPIE, 2016, , .	0.8	0
60	Quantitative optical imaging of paracetamol-induced metabolism changes in the liver. Proceedings of SPIE, 2016, , .	0.8	0
61	Successful Parenchyma-Sparing Anatomical Surgery by 3-Dimensional Reconstruction of Hilar Cholangiocarcinoma Combined with Anatomic Variation. Journal of the College of Physicians and Surgeons–Pakistan: JCPSP, 2016, 26, S13-5.	0.2	2
62	Clinicopathological Characteristics of Gynecological Cancer Associated with Hypoxia-Inducible Factor 1 $\alpha$ Expression: A Meta-Analysis Including 6,612 Subjects. PLoS ONE, 2015, 10, e0127229.	1.1	13
63	Real-time histology in liver disease using multiphoton microscopy with fluorescence lifetime imaging. Biomedical Optics Express, 2015, 6, 780.	1.5	42
64	Diagnostic imaging and therapeutic application of nanoparticles targeting the liver. Journal of Materials Chemistry B, 2015, 3, 939-958.	2.9	126
65	Intravital Multiphoton Imaging of the Selective Uptake of Water-Dispersible Quantum Dots into Sinusoidal Liver Cells. Small, 2015, 11, 1711-1720.	5.2	37
66	Bacteria in hernia sac: an important risk fact for surgical site infection after incarcerated hernia repair. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2015, 19, 279-283.	0.9	33
67	Evaluation of the POSSUM, P-POSSUM and E-PASS scores in the surgical treatment of hilar cholangiocarcinoma. World Journal of Surgical Oncology, 2014, 12, 191.	0.8	16
68	Pathological and prognostic significance of hypoxia-inducible factor 1 $\alpha$ expression in epithelial ovarian cancer: a meta-analysis. Tumor Biology, 2014, 35, 8149-8159.	0.8	21
69	Penetration of Nanoparticles into Human Skin. Current Pharmaceutical Design, 2013, 19, 6353-6366.	0.9	59
70	A Novel Fibronectin Binding Motif in MSCRAMMs Targets F3 Modules. PLoS ONE, 2009, 4, e5412.	1.1	34