

# Lian-Fang Du

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

1,624  
citations

331259

21  
h-index

301761

39  
g-index

63  
all docs

63  
docs citations

63  
times ranked

2606  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of Gold Nanostar-Coated Hollow Mesoporous Silica for Tumor Multimodality Imaging and Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 5817-5827.	4.0	188
2	UTMD-Promoted Co-Delivery of Gemcitabine and miR-21 Inhibitor by Dendrimer-Entrapped Gold Nanoparticles for Pancreatic Cancer Therapy. <i>Theranostics</i> , 2018, 8, 1923-1939.	4.6	129
3	Dendrimer-Modified MoS <sub>2</sub> Nanoflakes as a Platform for Combinational Gene Silencing and Photothermal Therapy of Tumors. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 15995-16005.	4.0	92
4	An RGD-modified hollow silica@Au core/shell nanoplatform for tumor combination therapy. <i>Acta Biomaterialia</i> , 2017, 62, 273-283.	4.1	89
5	Ultrasound-Mediated Microbubble Destruction (UMMD) Facilitates the Delivery of CA19-9 Targeted and Paclitaxel Loaded mPEG-PLGA-PLL Nanoparticles in Pancreatic Cancer. <i>Theranostics</i> , 2016, 6, 1573-1587.	4.6	87
6	Effect of acoustic parameters on the cavitation behavior of SonoVue microbubbles induced by pulsed ultrasound. <i>Ultrasonics Sonochemistry</i> , 2017, 35, 176-184.	3.8	80
7	Biodegradable, pH-Sensitive Hollow Mesoporous Organosilica Nanoparticle (HMON) with Controlled Release of Pirfenidone and Ultrasound-Target-Microbubble-Destruction (UTMD) for Pancreatic Cancer Treatment. <i>Theranostics</i> , 2019, 9, 6002-6018.	4.6	61
8	Ultrasound-enhanced fluorescence imaging and chemotherapy of multidrug-resistant tumors using multifunctional dendrimer/carbon dot nanohybrids. <i>Bioactive Materials</i> , 2021, 6, 729-739.	8.6	58
9	Effect of non-acoustic parameters on heterogeneous sonoporation mediated by single-pulse ultrasound and microbubbles. <i>Ultrasonics Sonochemistry</i> , 2016, 31, 107-115.	3.8	56
10	Multifunctional PVCL nanogels with redox-responsiveness enable enhanced MR imaging and ultrasound-promoted tumor chemotherapy. <i>Theranostics</i> , 2020, 10, 4349-4358.	4.6	55
11	A Microfluidic Chip Integrated with Hyaluronic Acid-Functionalized Electrospun Chitosan Nanofibers for Specific Capture and Nondestructive Release of CD44-Overexpressing Circulating Tumor Cells. <i>Bioconjugate Chemistry</i> , 2018, 29, 1081-1090.	1.8	50
12	Sonoporation-Induced Depolarization of Plasma Membrane Potential: Analysis of Heterogeneous Impact. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 979-989.	0.7	45
13	Periostin promotes tumor angiogenesis in pancreatic cancer via Erk/VEGF signaling. <i>Oncotarget</i> , 2016, 7, 40148-40159.	0.8	42
14	Periostin promotes the chemotherapy resistance to gemcitabine in pancreatic cancer. <i>Tumor Biology</i> , 2016, 37, 15283-15291.	0.8	38
15	Role of pancreatic stellate cells and periostin in pancreatic cancer progression. <i>Tumor Biology</i> , 2015, 36, 3171-3177.	0.8	36
16	Role of microenvironmental periostin in pancreatic cancer progression. <i>Oncotarget</i> , 2017, 8, 89552-89565.	0.8	36
17	Assessment of the arterial stiffness in patients with acute ischemic stroke using longitudinal elasticity modulus measurements obtained with Shear Wave Elastography. <i>Medical Ultrasonography</i> , 2016, 18, 182.	0.4	33
18	Enhanced therapeutic effect of Adriamycin on multidrug resistant breast cancer by the ABCG2-siRNA loaded polymeric nanoparticles assisted with ultrasound. <i>Oncotarget</i> , 2015, 6, 43779-43790.	0.8	31

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19	Quantification of Enhancement of Renal Parenchymal Masses with Contrast-Enhanced Ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 1387-1393.	0.7	27
20	Integration of aligned polymer nanofibers within a microfluidic chip for efficient capture and rapid release of circulating tumor cells. <i>Materials Chemistry Frontiers</i> , 2018, 2, 891-900.	3.2	27
21	Ultrasound Targeted Microbubble Destruction Stimulates Cellular Endocytosis in Facilitation of Adeno-Associated Virus Delivery. <i>International Journal of Molecular Sciences</i> , 2013, 14, 9737-9750.	1.8	25
22	Ultrasound Irradiation Combined with Hepatocyte Growth Factor Accelerate the Hepatic Differentiation of Human Bone Marrow Mesenchymal Stem Cells. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 1044-1052.	0.7	24
23	Renal Oncocytoma. <i>Journal of Ultrasound in Medicine</i> , 2013, 32, 441-448.	0.8	23
24	Specific capture and release of circulating tumor cells using a multifunctional nanofiber-integrated microfluidic chip. <i>Nanomedicine</i> , 2019, 14, 183-199.	1.7	19
25	Quantifying Levator Ani Muscle Elasticity Under Normal and Prolapse Conditions by Shear Wave Elastography. <i>Journal of Ultrasound in Medicine</i> , 2020, 39, 1379-1388.	0.8	19
26	Carotid vulnerable plaques are associated with circulating leukocytes in acute ischemic stroke patients: an clinical study based on contrast-enhanced ultrasound. <i>Scientific Reports</i> , 2018, 8, 8849.	1.6	18
27	Ultrasound-targeted microbubble destruction optimized HGF-overexpressing bone marrow stem cells to repair fibrotic liver in rats. <i>Stem Cell Research and Therapy</i> , 2020, 11, 145.	2.4	17
28	A combination of ultrasound-targeted microbubble destruction with transplantation of bone marrow mesenchymal stem cells promotes recovery of acute liver injury. <i>Stem Cell Research and Therapy</i> , 2018, 9, 356.	2.4	16
29	Tumour targeted contrast enhanced ultrasound imaging dual-modal microbubbles for diagnosis and treatment of triple negative breast cancer. <i>RSC Advances</i> , 2019, 9, 5682-5691.	1.7	16
30	The dual effect of ultrasound-targeted microbubble destruction in mediating recombinant adeno-associated virus delivery in renal cell carcinoma: transfection enhancement and tumor inhibition. <i>Journal of Gene Medicine</i> , 2014, 16, 28-39.	1.4	15
31	An Algorithm of Image Heterogeneity with Contrast-Enhanced Ultrasound in Differential Diagnosis of Solid Thyroid Nodules. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 104-110.	0.7	15
32	A novel approach to attenuate proliferative vitreoretinopathy using ultrasound-targeted microbubble destruction and recombinant adeno-associated virus-mediated RNA interference targeting transforming growth factor- $\beta$ 2 and platelet-derived growth factor- $\beta$ . <i>Journal of Gene Medicine</i> , 2012, 14, 339-347.	1.4	13
33	Enhanced delivery of PEAL nanoparticles with ultrasound targeted microbubble destruction mediated siRNA transfection in human MCF-7/S and MCF-7/ADR cells in vitro. <i>International Journal of Nanomedicine</i> , 2015, 10, 5447.	3.3	13
34	Prevention of Oxidized Low Density Lipoprotein-Induced Endothelial Cell Injury by DA-PLGA-PEG-cRGD Nanoparticles Combined with Ultrasound. <i>International Journal of Molecular Sciences</i> , 2017, 18, 815.	1.8	12
35	Value of Contrast-Enhanced Ultrasound in the Diagnosis of Renal Cancer and in Comparison With Contrast-Enhanced Computed Tomography: A Meta-analysis. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 903-914.	0.8	12
36	The role of contrast-enhanced ultrasound in the diagnosis of malignant non-mass breast lesions and exploration of diagnostic criteria. <i>British Journal of Radiology</i> , 2021, 94, 20200880.	1.0	12

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37	Ultrasound findings of urachal anomalies. A series of interesting cases. <i>Medical Ultrasonography</i> , 2019, 21, 294.	0.4	10
38	Comparative Diagnostic Performance of Contrast-Enhanced ultrasound versus Baseline Ultrasound for Renal Pelvis Lesions. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 3109-3119.	0.7	9
39	Diagnostic Performance of Ultrasound Shear Wave Elastography in Solid Small ( $\leq 4$ cm) Renal Parenchymal Masses. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 2328-2337.	0.7	9
40	Ultrasound-targeted microbubble destruction combined with dual targeting of HSP72 and HSC70 inhibits HSP90 function and induces extensive tumor-specific apoptosis. <i>International Journal of Oncology</i> , 2014, 45, 157-164.	1.4	8
41	Ultrasound assessment of tensile stress in carotid arteries of healthy human subjects with varying age. <i>BMC Medical Imaging</i> , 2019, 19, 93.	1.4	8
42	Evaluation of whole axillary status with lymphatic contrast-enhanced ultrasound in patients with breast cancer. <i>European Radiology</i> , 2022, 32, 630-638.	2.3	8
43	Relation between carotid vulnerable plaques and peripheral leukocyte: a case-control study of comparison utilizing multi-parametric contrast-enhanced ultrasound. <i>BMC Medical Imaging</i> , 2019, 19, 74.	1.4	6
44	An improvement of carotid intima-media thickness and pulse wave velocity in renal transplant recipients. <i>BMC Medical Imaging</i> , 2018, 18, 23.	1.4	5
45	Micro-Particle Image Velocimetry Investigation of Flow Fields of SonoVue Microbubbles Mediated by Ultrasound and Their Relationship With Delivery. <i>Frontiers in Pharmacology</i> , 2019, 10, 1651.	1.6	5
46	cRGD Peptide-Modified Nanocarriers for Targeted Delivery of Angiogenesis Inhibitors to Attenuate Advanced Atherosclerosis. <i>ACS Applied Nano Materials</i> , 2021, 4, 11554-11562.	2.4	5
47	Ultrasound-targeted microbubble destruction enhances gene transduction of adeno-associated virus in a less-permissive cell type, NIH/3T3. <i>Molecular Medicine Reports</i> , 2013, 8, 320-326.	1.1	4
48	Contrast-enhanced ultrasonography promotes differential diagnosis of ureteral neoplasms. <i>British Journal of Radiology</i> , 2021, 94, 20210078.	1.0	4
49	Comparison of lymphatic contrast-enhanced ultrasound and intravenous contrast-enhanced ultrasound in the preoperative diagnosis of axillary sentinel lymph node metastasis in patients with breast cancer. <i>British Journal of Radiology</i> , 2022, 95, 20210897.	1.0	4
50	ERAs regulates cell proliferation and epithelial-mesenchymal transition by affecting Erk/Akt signaling pathway in pancreatic cancer. <i>Human Cell</i> , 2020, 33, 1186-1196.	1.2	3
51	Enhanced downregulation of transforming growth factor- $\beta 2$ in rat retinal pigment epithelium cells by adeno-associated virus-mediated ribonucleic acid interference combined with ultrasound or microbubbles. <i>Molecular Medicine Reports</i> , 2015, 11, 1099-1104.	1.1	2
52	The Long-Term Fate of the Sonoporated Pancreatic Cancer Cells is Uncorrelated With the Degree of Model Molecular Loading. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 1015-1025.	0.7	2
53	Predictive value of contrast-enhanced ultrasound combined with conventional ultrasound in solid renal parenchymal lesions. <i>British Journal of Radiology</i> , 2021, 94, 20210518.	1.0	2
54	Use of atropine in four-dimensional hysterosalpingo-contrast sonography: Does it suppress pain during infertility examination?. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 1334-1340.	0.9	1

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55	Ultrasound-targeted microbubble destruction enhances AAV mediated gene transfection: human RPE cells in vitro and the rat retina in vivo. Nature Precedings, 2009, , .	0.1	0
56	Role of Platelet-Derived Growth Factor on the Fibrosis Process in Thyroid Carcinoma. Journal of Ultrasound in Medicine, 2020, 39, 1709-1719.	0.8	0
57	Response to the Letter to the Editor by Chang et al.: Shear Wave Sonoelastography for Elasticity Measurement of the Levator Ani Muscle: An Alternative Posterior Approach. Journal of Ultrasound in Medicine, 2021, 40, 1051-1051.	0.8	0