

# Li-Jun Yuan

## List of Publications by Citations

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56  
papers

1,613  
citations

17  
h-index

39  
g-index

57  
ext. papers

2,110  
ext. citations

6.1  
avg, IF

5.18  
L-index

#	Paper	IF	Citations
56	LncRNA: a link between RNA and cancer. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2014</b> , 1839, 1097-109	6	679
55	In Vitro and in Vivo RNA Inhibition by CD9-HuR Functionalized Exosomes Encapsulated with miRNA or CRISPR/dCas9. <i>Nano Letters</i> , <b>2019</b> , 19, 19-28	11.5	106
54	Characterization and in vivo pharmacological rescue of a Wnt2-Gata6 pathway required for cardiac inflow tract development. <i>Developmental Cell</i> , <b>2010</b> , 18, 275-87	10.2	97
53	Lung ultrasound findings in patients with COVID-19 pneumonia. <i>Critical Care</i> , <b>2020</b> , 24, 174	10.8	76
52	Distribution of cardiac output to the brain across the adult lifespan. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2017</b> , 37, 2848-2856	7.3	62
51	Arterial Pressure, Heart Rate, and Cerebral Hemodynamics Across the Adult Life Span. <i>Hypertension</i> , <b>2017</b> , 69, 712-720	8.5	57
50	Brown adipose tissue-derived exosomes mitigate the metabolic syndrome in high fat diet mice. <i>Theranostics</i> , <b>2020</b> , 10, 8197-8210	12.1	40
49	Maternal exosomes in diabetes contribute to the cardiac development deficiency. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 483, 602-608	3.4	39
48	Lung ultrasonography versus chest CT in COVID-19 pneumonia: a two-centered retrospective comparison study from China. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 1761-1763	14.5	39
47	Efficient exosome delivery in refractory tissues assisted by ultrasound-targeted microbubble destruction. <i>Drug Delivery</i> , <b>2019</b> , 26, 45-50	7	31
46	N-Acetyl Cysteine improves the diabetic cardiac function: possible role of fibrosis inhibition. <i>BMC Cardiovascular Disorders</i> , <b>2015</b> , 15, 84	2.3	27
45	Middle cerebral arterial flow changes on transcranial color and spectral Doppler sonography in patients with increased intracranial pressure. <i>Journal of Ultrasound in Medicine</i> , <b>2014</b> , 33, 2131-6	2.9	20
44	Ultrasound-guided imaging of junctional adhesion molecule-A-targeted microbubbles identifies vulnerable plaque in rabbits. <i>Biomaterials</i> , <b>2016</b> , 94, 20-30	15.6	20
43	Exosome-based gene therapy for familial hypercholesterolemia in a mouse model. <i>Theranostics</i> , <b>2021</b> , 11, 2953-2965	12.1	20
42	Annexin V conjugated nanobubbles: A novel ultrasound contrast agent for in vivo assessment of the apoptotic response in cancer therapy. <i>Journal of Controlled Release</i> , <b>2018</b> , 276, 113-124	11.7	19
41	Lactobacillus supplementation prevents cisplatin-induced cardiotoxicity possibly by inflammation inhibition. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2018</b> , 82, 999-1008	3.5	19
40	Maternal carotid remodeling and increased carotid arterial stiffness in normal late-gestational pregnancy as assessed by radio-frequency ultrasound technique. <i>BMC Pregnancy and Childbirth</i> , <b>2013</b> , 13, 122	3.2	17

39	FA-NBs-IR780: Novel multifunctional nanobubbles as molecule-targeted ultrasound contrast agents for accurate diagnosis and photothermal therapy of cancer. <i>Cancer Letters</i> , <b>2019</b> , 455, 14-25	9.9	16
38	Noninvasive method for measuring local pulse wave velocity by dual pulse wave Doppler: in vitro and in vivo studies. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120482	3.7	15
37	Ultrasound study of carotid and cardiac remodeling and cardiac-arterial coupling in normal pregnancy and preeclampsia: a case control study. <i>BMC Pregnancy and Childbirth</i> , <b>2014</b> , 14, 113	3.2	14
36	Noninvasive assessment of influence of resistant respiration on blood flow velocities across the cardiac valves in humans--a quantification study by echocardiography. <i>Echocardiography</i> , <b>2004</b> , 21, 391-8 <sup>1-5</sup>	1.5	14
35	Echocardiographic study of cardiac morphological and functional changes before and after parturition in pregnancy-induced hypertension. <i>Echocardiography</i> , <b>2006</b> , 23, 177-82	1.5	13
34	Exosomes in atherosclerosis: performers, bystanders, biomarkers, and therapeutic targets. <i>Theranostics</i> , <b>2021</b> , 11, 3996-4010	12.1	13
33	Ultrasound Assisted Exosomal Delivery of Tissue Responsive mRNA for Enhanced Efficacy and Minimized Off-Target Effects. <i>Molecular Therapy - Nucleic Acids</i> , <b>2020</b> , 20, 558-567	10.7	12
32	Hyperglycemia and hyperlipidemia blunts the Insulin-Inpp5f negative feedback loop in the diabetic heart. <i>Scientific Reports</i> , <b>2016</b> , 6, 22068	4.9	11
31	Delivery Efficacy Differences of Intravenous and Intraperitoneal Injection of Exosomes: Perspectives from Tracking Dye Labeled and MiRNA Encapsulated Exosomes. <i>Current Drug Delivery</i> , <b>2020</b> , 17, 186-194	3.2	10
30	Fusion protein engineered exosomes for targeted degradation of specific RNAs in lysosomes: a proof-of-concept study. <i>Journal of Extracellular Vesicles</i> , <b>2020</b> , 9, 1816710	16.4	10
29	A minimally invasive alternative for the treatment of nutcracker syndrome using individualized three-dimensional printed extravascular titanium stents. <i>Chinese Medical Journal</i> , <b>2019</b> , 132, 1454-1460	2.9	10
28	New method for noninvasive quantification of central venous pressure by ultrasound. <i>Circulation: Cardiovascular Imaging</i> , <b>2015</b> , 8,	3.9	8
27	Factors influencing the performance of a diagnostic model including contrast-enhanced ultrasound in 1023 breast lesions: comparison with histopathology. <i>Annals of Translational Medicine</i> , <b>2019</b> , 7, 647	3.2	8
26	Ultrasound targeted microbubble destruction assisted exosomal delivery of miR-21 protects the heart from chemotherapy associated cardiotoxicity. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 532, 60-67	3.4	8
25	A new strategy for accurate targeted diagnosis and treatment of cutaneous malignant melanoma: dual-mode phase-change lipid nanodroplets as ultrasound contrast agents. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 7079-7093	7.3	7
24	A multicenter study of a contrast-enhanced ultrasound diagnostic classification of breast lesions. <i>Cancer Management and Research</i> , <b>2019</b> , 11, 2163-2170	3.6	6
23	A Novel Bimodal Imaging Agent Targeting HER2 Molecule of Breast Cancer. <i>Journal of Immunology Research</i> , <b>2018</b> , 2018, 6202876	4.5	6
22	Normal and shear strains of the left ventricle in healthy human subjects measured by two-dimensional speckle tracking echocardiography. <i>Cardiovascular Ultrasound</i> , <b>2014</b> , 12, 7	2.4	6

21	Mechanism study of pulsus paradoxus using mechanical models. <i>PLoS ONE</i> , <b>2013</b> , 8, e57512	3.7	6
20	Lower body negative pressure protects brain perfusion in aviation gravitational stress induced by push-pull manoeuvre. <i>Journal of Physiology</i> , <b>2020</b> , 598, 3173-3186	3.9	5
19	Maternal obesity increases the risk of fetal cardiac dysfunction via visceral adipose tissue derived exosomes. <i>Placenta</i> , <b>2021</b> , 105, 85-93	3.4	5
18	Bioinspired therapeutic platform based on extracellular vesicles for prevention of arterial wall remodeling in hypertension. <i>Bioactive Materials</i> , <b>2022</b> , 8, 494-504	16.7	5
17	Systematic Evolution of Ligands by Exosome Enrichment: A Proof-of-Concept Study for Exosome-Based Targeting Peptide Screening. <i>Advanced Biology</i> , <b>2019</b> , 3, e1800275	3.5	4
16	Stiffening of aorta is more preferentially associated with rheumatoid arthritis than peripheral arteries. <i>Rheumatology International</i> , <b>2019</b> , 39, 1711-1721	3.6	4
15	Ultrasound-guided extrapleural Nuss procedure for pectus excavatum repair. <i>Annals of Thoracic Surgery</i> , <b>2014</b> , 98, 1863-4	2.7	4
14	Hemodynamic changes of renal main arteries in pregnancy-induced hypertension. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , <b>2007</b> , 131, 36-39	2.4	4
13	A novel methodology for rat aortic pulse wave velocity assessment by Doppler ultrasound: validation against invasive measurements. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 317, H1376-H1387	5.2	3
12	Carotid Arterial Stiffness in Patients with Congenital Heart Disease-Related Pulmonary Hypertension Assessed with Radio Frequency Data Technique. <i>Echocardiography</i> , <b>2015</b> , 32, 1676-80	1.5	3
11	Selective Encapsulation of Therapeutic mRNA in Engineered Extracellular Vesicles by DNA Aptamer. <i>Nano Letters</i> , <b>2021</b> , 21, 8563-8570	11.5	3
10	Exosome-mediated delivery of inflammation-responsive mRNA for controlled atherosclerosis treatment. <i>Theranostics</i> , <b>2021</b> , 11, 9988-10000	12.1	3
9	Multifaceted Roles of Adipose Tissue-Derived Exosomes in Physiological and Pathological Conditions. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 669429	4.6	3
8	Effective inhibition of miR-330/SHIP1/NF- $\kappa$ B signaling pathway via miR-330 sponge repolarizes microglia differentiation. <i>Cell Biology International</i> , <b>2021</b> , 45, 785-794	4.5	2
7	Aortic stiffness evaluated by echocardiography in female patients with Takayasu's arteritis. <i>Clinical and Experimental Rheumatology</i> , <b>2017</b> , 35 Suppl 103, 134-138	2.2	2
6	Risk Factors for Anthracycline-Induced Cardiotoxicity. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 736854	5.4	1
5	Ultrasound triggered topical delivery of Bmp7 mRNA for white fat browning induction via engineered smart exosomes. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 402	9.4	1
4	A Novel Methodology for Semi-automatic Measurement of Arterial Stiffness by Doppler Ultrasound: Clinical Feasibility and Reproducibility. <i>Ultrasound in Medicine and Biology</i> , <b>2021</b> , 47, 1725-1738	3.5	0

- 3 A Simple Method for Noninvasive Quantification of Pressure Gradient Across the Pulmonary Valve. *Scientific Reports*, **2017**, 7, 42745 4.9
- 2 Study of the Blood Supply Fraction of the Ascending Aorta and Its Effect in Diagnosing Early Ascending Aortic Atherosclerosis. *Journal of Ultrasound in Medicine*, **2016**, 35, 547-52 2.9
- 1 Cuff-Method Thigh Arterial Occlusion Counteracts Cerebral Hypoperfusion Against the Push-Pull Effect in Humans. *Frontiers in Physiology*, **2021**, 12, 672351 4.6