

# Liangyu Zhao

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,104  
citations

516561

16  
h-index

414303

32  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1384  
citing authors

#	ARTICLE	IF	CITATIONS
1	The roles and regulation of Sertoli cells in fate determinations of spermatogonial stem cells and spermatogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2014, 29, 66-75.	2.3	161
2	A genome-wide association study in Chinese men identifies three risk loci for non-obstructive azoospermia. <i>Nature Genetics</i> , 2012, 44, 183-186.	9.4	139
3	Single-cell analysis of developing and azoospermia human testicles reveals central role of Sertoli cells. <i>Nature Communications</i> , 2020, 11, 5683.	5.8	109
4	Association analysis identifies new risk loci for non-obstructive azoospermia in Chinese men. <i>Nature Communications</i> , 2014, 5, 3857.	5.8	64
5	Evaluation of the Microhaplotypes panel for DNA mixture analyses. <i>Forensic Science International: Genetics</i> , 2018, 35, 149-155.	1.6	64
6	A microhaplotypes panel for massively parallel sequencing analysis of DNA mixtures. <i>Forensic Science International: Genetics</i> , 2019, 40, 140-149.	1.6	58
7	Sertoli cells from non-obstructive azoospermia and obstructive azoospermia patients show distinct morphology, Raman spectrum and biochemical phenotype. <i>Human Reproduction</i> , 2013, 28, 1863-1873.	0.4	57
8	miR-202-3p Regulates Sertoli Cell Proliferation, Synthesis Function, and Apoptosis by Targeting LRP6 and Cyclin D1 of Wnt/ $\beta$ -Catenin Signaling. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 14, 1-19.	2.3	54
9	Identifying novel microhaplotypes for ancestry inference. <i>International Journal of Legal Medicine</i> , 2019, 133, 983-988.	1.2	47
10	Fibroblast growth factor-5 promotes spermatogonial stem cell proliferation via ERK and AKT activation. <i>Stem Cell Research and Therapy</i> , 2019, 10, 40.	2.4	28
11	Identification of late-onset hypogonadism in middle-aged and elderly men from a community of China. <i>Asian Journal of Andrology</i> , 2016, 18, 747.	0.8	23
12	Comparison of treatment outcomes between laparoscopic and endoscopic surgeries for relatively small gastric gastrointestinal stromal tumors. <i>Surgical Oncology</i> , 2018, 27, 737-742.	0.8	22
13	Low levels of PRSS37 protein in sperm are associated with many cases of unexplained male infertility. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 1058-1065.	0.9	20
14	Bi-allelic SHOC1 loss-of-function mutations cause meiotic arrest and non-obstructive azoospermia. <i>Journal of Medical Genetics</i> , 2020, 58, jmedgenet-2020-107042.	1.5	20
15	Twenty Minute Moderate-Intensity Post-Dinner Exercise Reduces the Postprandial Glucose Response in Chinese Patients with Type 2 Diabetes. <i>Medical Science Monitor</i> , 2018, 24, 7170-7177.	0.5	18
16	The advances in DNA mixture interpretation. <i>Forensic Science International</i> , 2019, 301, 101-106.	1.3	18
17	Forensic efficiency and genetic divergence of 30 autosomal InDels in Chinese Han population from Jiangsu province. <i>Forensic Science International: Genetics</i> , 2018, 37, e17-e19.	1.6	17
18	Upregulation of the splice variant MUC4 $\gamma$ in the pancreatic cancer cell line MIA PaCa-2 potentiates proliferation and suppresses apoptosis: New insight into the presence of the transcript variant of MUC4. <i>Oncology Reports</i> , 2014, 31, 2187-2194.	1.2	15

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19	Novel mutation in ODF2 causes multiple morphological abnormalities of the sperm flagella in an infertile male. <i>Asian Journal of Andrology</i> , 2022, 24, 463.	0.8	15
20	RNA-binding protein ELAVL2 plays post-transcriptional roles in the regulation of spermatogonia proliferation and apoptosis. <i>Cell Proliferation</i> , 2021, 54, e13098.	2.4	14
21	Genome-wide association study identifies loci and candidate genes for non-idiopathic pulmonary hypertension in Eastern Chinese Han population. <i>BMC Pulmonary Medicine</i> , 2018, 18, 158.	0.8	12
22	Barcoding for diatoms in the Yangtze River from the morphological observation and 18S rDNA polymorphic analysis. <i>Forensic Science International</i> , 2019, 297, 81-89.	1.3	12
23	Identification of Serum-Based Metabolic Feature and Characteristic Metabolites in Paraquat Intoxicated Mouse Models. <i>Frontiers in Physiology</i> , 2020, 11, 65.	1.3	11
24	Novel bi-allelic MSH4 variants causes meiotic arrest and non-obstructive azoospermia. <i>Reproductive Biology and Endocrinology</i> , 2022, 20, 21.	1.4	11
25	Specific-detection of clinical samples, systematic functional investigations, and transcriptome analysis reveals that splice variant MUC4/Y contributes to the malignant progression of pancreatic cancer by triggering malignancy-related positive feedback loops signaling. <i>Journal of Translational Medicine</i> , 2014, 12, 309.	1.8	9
26	Forensic parameters and mutation analysis of 23 short tandem repeat (PowerPlex® Fusion System) loci in Fujian Han Chinese population. <i>Legal Medicine</i> , 2019, 37, 33-36.	0.6	9
27	Modified stepwise mini-incision microdissection testicular sperm extraction: a useful technique for patients with a history of orchidopexy affected by non-obstructive azoospermia. <i>Journal of Zhejiang University: Science B</i> , 2020, 21, 87-92.	1.3	9
28	Genetic polymorphism and evolutionary differentiation of Eastern Chinese Han: a comprehensive and comparative analysis on KIRs. <i>Scientific Reports</i> , 2017, 7, 42486.	1.6	8
29	Identification of microRNA biomarkers in atrial fibrillation. <i>Medicine (United States)</i> , 2019, 98, e16538.	0.4	8
30	Novel Hemizygous Mutations of TEX11 Cause Meiotic Arrest and Non-obstructive Azoospermia in Chinese Han Population. <i>Frontiers in Genetics</i> , 2021, 12, 741355.	1.1	8
31	Pre-exercise blood glucose affects glycemic variation of aerobic exercise in patients with type 2 diabetes treated with continuous subcutaneous insulin infusion. <i>Diabetes Research and Clinical Practice</i> , 2018, 141, 98-105.	1.1	7
32	Clinical benefit for cryopreservation of single human spermatozoa for ICSI: A systematic review and meta-analysis. <i>Andrology</i> , 2022, 10, 82-91.	1.9	7
33	Beneficial effect of tamsulosin combined with dapoxetine in management of type III prostatitis with premature ejaculation. <i>Andrologia</i> , 2019, 51, e13319.	1.0	6
34	A modified single-armed microsurgical vasoepididymostomy for epididymal obstructive azoospermia: intraoperative choice and postoperative consideration. <i>BMC Urology</i> , 2020, 20, 121.	0.6	4
35	Mimicking Metabolic Disturbance in Establishing Animal Models of Heart Failure With Preserved Ejection Fraction. <i>Frontiers in Physiology</i> , 2022, 13, 879214.	1.3	4
36	Novel bi-allelic variants in <i>KASH5</i> are associated with meiotic arrest and non-obstructive azoospermia. <i>Molecular Human Reproduction</i> , 2022, 28, .	1.3	4

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37	Vasal vessel-sparing microsurgical single-armed vasoepididymostomy to epididymal obstructive azoospermia: A retrospective control study. <i>Andrologia</i> , 2021, 53, e14133.	1.0	3
38	Subepicardial Aneurysm That Was Diagnosed by Cardiac Imaging and Underwent Successful Surgery. <i>Circulation</i> , 2015, 132, e149-51.	1.6	2
39	Static Model Assisted Stereo-Visual Shape Sensing of Flexible Manipulators. <i>IEEE Sensors Journal</i> , 2021, 21, 11684-11691.	2.4	2
40	Vitrification with microinjection of single seminiferous tubules: an efficient cryopreservation approach for limited testicular tissue. <i>Reproductive BioMedicine Online</i> , 2021, 43, 687-699.	1.1	2
41	The characteristics of blood glucose fluctuations in patients with fulminant type 1 diabetes mellitus in the stable stage. <i>Archives of Endocrinology and Metabolism</i> , 2018, 62, 585-590.	0.3	0