

# Feng Lan

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

1,564  
citations

346980

22  
h-index

371746

37  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2585  
citing authors

#	ARTICLE	IF	CITATIONS
1	The absence of IL-9 reduces allergic airway inflammation by reducing ILC2, Th2 and mast cells in murine model of asthma. BMC Pulmonary Medicine, 2022, 22, 180.	0.8	6
2	Generation of a human embryonic stem cell line (WAe009-A-78) carrying homozygous TBX18 knockout. Stem Cell Research, 2022, 62, 102804.	0.3	0
3	Resveratrol promotes the survival and neuronal differentiation of hypoxia-conditioned neuronal progenitor cells in rats with cerebral ischemia. Frontiers of Medicine, 2021, 15, 472-485.	1.5	15
4	CRISPR/Cas9-edited triple-fusion reporter gene imaging of dynamics and function of transplanted human urinary-induced pluripotent stem cell-derived cardiomyocytes. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 708-720.	3.3	8
5	Knockout of MYOM1 in human cardiomyocytes leads to myocardial atrophy via impairing calcium homeostasis. Journal of Cellular and Molecular Medicine, 2021, 25, 1661-1676.	1.6	12
6	A Potential Role of Group 2 Innate Lymphoid Cells in Eosinophilic Chronic Rhinosinusitis With Nasal Polyps. Allergy, Asthma and Immunology Research, 2021, 13, 363.	1.1	13
7	Novel roles of an intragenic G-quadruplex in controlling microRNA expression and cardiac function. Nucleic Acids Research, 2021, 49, 2522-2536.	6.5	14
8	Microscale grooves regulate maturation development of hPSCs by the transient receptor potential channels (TRP channels). Journal of Cellular and Molecular Medicine, 2021, 25, 3469-3483.	1.6	2
9	hERG-deficient human embryonic stem cell-derived cardiomyocytes for modelling QT prolongation. Stem Cell Research and Therapy, 2021, 12, 278.	2.4	5
10	Advances and highlights in allergic rhinitis. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3383-3389.	2.7	88
11	The effect of immunotherapy on cross-reactivity between house dust mite and other allergens in house dust mite -sensitized patients with allergic rhinitis. Expert Review of Clinical Immunology, 2021, 17, 969-975.	1.3	6
12	Ascorbic acid can promote the generation and expansion of neuroepithelial-like stem cells derived from hiPS/ES cells under chemically defined conditions through promoting collagen synthesis. Stem Cell Research and Therapy, 2021, 12, 48.	2.4	5
13	MircroRNA-10b Promotes Human Embryonic Stem Cell-Derived Cardiomyocyte Proliferation via Novel Target Gene LATS1. Molecular Therapy - Nucleic Acids, 2020, 19, 437-445.	2.3	14
14	Generation of a NONO homozygous knockout human induced pluripotent stem cell line by CRISPR/Cas9 editing. Stem Cell Research, 2020, 47, 101893.	0.3	2
15	Cardiac Ischemic Preconditioning Promotes MG53 Secretion Through H <sub>2</sub> O <sub>2</sub> -Activated Protein Kinase C- $\delta$ Signaling. Circulation, 2020, 142, 1077-1091.	1.6	28
16	RAD-Deficient Human Cardiomyocytes Develop Hypertrophic Cardiomyopathy Phenotypes Due to Calcium Dysregulation. Frontiers in Cell and Developmental Biology, 2020, 8, 585879.	1.8	8
17	Generation of a Junctophilin-2 homozygous knockout human embryonic stem cell line (WAe009-A-36) by an episomal vector-based CRISPR/Cas9 system. Stem Cell Research, 2020, 48, 101930.	0.3	12
18	Zinc Oxide Nanoparticles Induce Mitochondrial Biogenesis Impairment and Cardiac Dysfunction in Human iPSC-Derived Cardiomyocytes. International Journal of Nanomedicine, 2020, Volume 15, 2669-2683.	3.3	24

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19	Silencing of <i>MYH7</i> ameliorates disease phenotypes in human iPSC-cardiomyocytes. <i>Physiological Genomics</i> , 2020, 52, 293-303.	1.0	29
20	miR-25 Promotes Cardiomyocyte Proliferation by Targeting FBXW7. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 1299-1308.	2.3	21
21	Stability of regulatory T cells in T helper 2-biased allergic airway diseases. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1918-1926.	2.7	17
22	Understanding the Role of Neutrophils in Refractoriness of Chronic Rhinosinusitis With Nasal Polyps. <i>Allergy, Asthma and Immunology Research</i> , 2020, 12, 1.	1.1	5
23	Uric acid: a potent molecular contributor to pluripotent stem cell cardiac differentiation via mesoderm specification. <i>Cell Death and Differentiation</i> , 2019, 26, 826-842.	5.0	14
24	MLP-deficient human pluripotent stem cell derived cardiomyocytes develop hypertrophic cardiomyopathy and heart failure phenotypes due to abnormal calcium handling. <i>Cell Death and Disease</i> , 2019, 10, 610.	2.7	43
25	CaMKII $\beta$ promotes cardiomyopathy through disrupting UBE2T-dependent DNA repair. <i>Nature Cell Biology</i> , 2019, 21, 1152-1163.	4.6	34
26	Optimized CRISPR guide RNA design for two high-fidelity Cas9 variants by deep learning. <i>Nature Communications</i> , 2019, 10, 4284.	5.8	163
27	Deep Hypothermic Circulatory Arrest Does Not Show Better Protection for Vital Organs Compared with Moderate Hypothermic Circulatory Arrest in Pig Model. <i>BioMed Research International</i> , 2019, 2019, 1-11.	0.9	0
28	MicroRNA-302d promotes the proliferation of human pluripotent stem cell-derived cardiomyocytes by inhibiting <i>LATS2</i> in the Hippo pathway. <i>Clinical Science</i> , 2019, 133, 1387-1399.	1.8	20
29	Investigation of the optimal suspension culture time for the osteoblastic differentiation of human induced pluripotent stem cells using the embryoid body method. <i>Biochemical and Biophysical Research Communications</i> , 2019, 515, 586-592.	1.0	2
30	Doxorubicin-induced cardiotoxicity is maturation dependent due to the shift from topoisomerase III $\alpha$ to III $\beta$ in human stem cell derived cardiomyocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 4627-4639.	1.6	33
31	Chlorogenic acid: A potent molecule that protects cardiomyocytes from TNF $\alpha$ -induced injury via inhibiting NF $\kappa$ B and JNK signals. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 4666-4678.	1.6	42
32	Generation of a human iPSC line from a patient with Marfan syndrome caused by mutation in FBN1. <i>Stem Cell Research</i> , 2019, 36, 101414.	0.3	1
33	Melatonin differentially regulates pathological and physiological cardiac hypertrophy: Crucial role of circadian nuclear receptor ROR $\alpha$ signaling. <i>Journal of Pineal Research</i> , 2019, 67, e12579.	3.4	55
34	IFN $\gamma$ 1 enhances <i>Staphylococcus aureus</i> clearance in healthy nasal mucosa but not in nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1416-1425.e4.	1.5	13
35	AMPK $\beta$ 2 knockout enhances tumour inflammation through exacerbated liver injury and energy deprivation-associated AMPK $\beta$ 1 activation. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 1687-1697.	1.6	11
36	MicroRNAs regulating mucin type O-glycan biosynthesis and transforming growth factor $\beta$ 2 signaling pathways in nasal mucosa of patients with chronic rhinosinusitis with nasal polyps in Northern China. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 106-113.	1.5	28

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37	The Complement C3a <i>α</i> C3aR Axis Promotes Development of Thoracic Aortic Dissection via Regulation of MMP2 Expression. <i>Journal of Immunology</i> , 2018, 200, 1829-1838.	0.4	36
38	<i>Staphylococcus aureus</i> enhances the tight junction barrier integrity in healthy nasal tissue, but not in nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 665-668.e8.	1.5	30
39	CD40L promotes development of acute aortic dissection via induction of inflammation and impairment of endothelial cell function. <i>Aging</i> , 2018, 10, 371-385.	1.4	18
40	Elevated D-dimer increases the risk of dialysis after surgery in patients with Stanford A aortic dissection through the impact of the coagulation system. <i>Journal of Thoracic Disease</i> , 2018, 10, 6783-6793.	0.6	3
41	Identification of small-molecule ion channel modulators in <i>C. elegans</i> channelopathy models. <i>Nature Communications</i> , 2018, 9, 3941.	5.8	19
42	<i>Staphylococcus aureus</i> Induces a Mucosal Type 2 Immune Response via Epithelial Cell-derived Cytokines. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 452-463.	2.5	94
43	A net-shaped multicellular formation facilitates the maturation of hPSC-derived cardiomyocytes through mechanical and electrophysiological stimuli. <i>Aging</i> , 2018, 10, 532-548.	1.4	6
44	Extracellular eosinophilic traps in association with <i>Staphylococcus aureus</i> at the site of epithelial barrier defects in patients with severe airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1849-1860.e6.	1.5	102
45	An episomal vector-based CRISPR/Cas9 system for highly efficient gene knockout in human pluripotent stem cells. <i>Scientific Reports</i> , 2017, 7, 2320.	1.6	91
46	Moderate hypothermic circulatory arrest in total arch repair for acute type A aortic dissection: clinical safety and efficacy. <i>Journal of Thoracic Disease</i> , 2016, 8, 925-933.	0.6	25
47	Î²-Aminopropionitrile monofumarate induces thoracic aortic dissection in C57BL/6 mice. <i>Scientific Reports</i> , 2016, 6, 28149.	1.6	95
48	Simple and versatile synthetic polydopamine-based surface supports reprogramming of human somatic cells and long-term self-renewal of human pluripotent stem cells under defined conditions. <i>Biomaterials</i> , 2016, 87, 1-17.	5.7	54
49	Changes in the Hemostatic System of Patients With Acute Aortic Dissection Undergoing Aortic Arch Surgery. <i>Annals of Thoracic Surgery</i> , 2016, 101, 945-951.	0.7	63
50	IL-23 selectively promotes the metastasis of colorectal carcinoma cells with impaired Socs3 expression via the STAT5 pathway. <i>Carcinogenesis</i> , 2014, 35, 1330-1340.	1.3	44
51	Forkhead box protein 3 in human nasal polyp regulatory T cells is regulated by the protein suppressor of cytokine signaling 3. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 1314-1321.e3.	1.5	34
52	IL-23/IL-23R: potential mediator of intestinal tumor progression from adenomatous polyps to colorectal carcinoma. <i>International Journal of Colorectal Disease</i> , 2011, 26, 1511-1518.	1.0	35
53	Th17 response is augmented in OVA-induced asthmatic mice exposed to HDM. <i>Medical Science Monitor</i> , 2011, 17, BR132-BR138.	0.5	11