# Feng Lan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3213877/publications.pdf

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| 53 | 1,564 | 304743 | 330143 |
|---|---|---|---|
| papers | citations | 22 h-index | 37 g-index |

| 57 | 57 | 57 | 2412 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Optimized CRISPR guide RNA design for two high-fidelity Cas9 variants by deep learning. Nature Communications, 2019, 10, 4284. | 12.8 | 163 |
| 2 | Extracellular eosinophilic traps in association with Staphylococcus aureus at the site of epithelial barrier defects in patients with severe airway inflammation. Journal of Allergy and Clinical Immunology, 2017, 139, 1849-1860.e6. | 2.9 | 102 |
| 3 | Î²-Aminopropionitrile monofumarate induces thoracic aortic dissection in C57BL/6 mice. Scientific Reports, 2016, 6, 28149. | 3.3 | 95 |
| 4 | Staphylococcus aureus Induces a Mucosal Type 2 Immune Response via Epithelial Cellâ€“derived Cytokines. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 452-463. | 5.6 | 94 |
| 5 | An episomal vector-based CRISPR/Cas9 system for highly efficient gene knockout in human pluripotent stem cells. Scientific Reports, 2017, 7, 2320. | 3.3 | 91 |
| 6 | Advances and highlights in allergic rhinitis. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3383-3389. | 5.7 | 88 |
| 7 | Changes in the Hemostatic System of Patients WithÂAcute Aortic Dissection Undergoing AorticÂArch Surgery. Annals of Thoracic Surgery, 2016, 101, 945-951. | 1.3 | 63 |
| 8 | Melatonin differentially regulates pathological and physiological cardiac hypertrophy: Crucial role of circadian nuclear receptor RORÎ± signaling. Journal of Pineal Research, 2019, 67, e12579. | 7.4 | 55 |
| 9 | 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. Biomaterials, 2016, 87, 1-17. | 11.4 | 54 |
| 10 | IL-23 selectively promotes the metastasis of colorectal carcinoma cells with impaired Socs3 expression via the STAT5 pathway. Carcinogenesis, 2014, 35, 1330-1340. | 2.8 | 44 |
| 11 | MLP-deficient human pluripotent stem cell derived cardiomyocytes develop hypertrophic cardiomyopathy and heart failure phenotypes due to abnormal calcium handling. Cell Death and Disease, 2019, 10, 610. | 6.3 | 43 |
| 12 | Chlorogenic acid: A potent molecule that protects cardiomyocytes from TNFâ€Î±â€“induced injury via inhibiting NFâ€ºB and JNK signals. Journal of Cellular and Molecular Medicine, 2019, 23, 4666-4678. | 3.6 | 42 |
| 13 | The Complement C3aâ€“C3aR Axis Promotes Development of Thoracic Aortic Dissection via Regulation of MMP2 Expression. Journal of Immunology, 2018, 200, 1829-1838. | 0.8 | 36 |
| 14 | IL-23/IL-23R: potential mediator of intestinal tumor progression from adenomatous polyps to colorectal carcinoma. International Journal of Colorectal Disease, 2011, 26, 1511-1518. | 2.2 | 35 |
| 15 | Forkhead box protein 3 in human nasal polyp regulatory TÂcells is regulated by the protein suppressor of cytokine signaling 3. Journal of Allergy and Clinical Immunology, 2013, 132, 1314-1321.e3. | 2.9 | 34 |
| 16 | CaMKII-Î´9 promotes cardiomyopathy through disrupting UBE2T-dependent DNA repair. Nature Cell Biology, 2019, 21, 1152-1163. | 10.3 | 34 |
| 17 | Doxorubicinâ€induced cardiotoxicity is maturation dependent due to the shift from topoisomerase IIÎ± to IIÎ² in human stem cell derived cardiomyocytes. Journal of Cellular and Molecular Medicine, 2019, 23, 4627-4639. | 3.6 | 33 |
| 18 | Staphylococcus aureus enhances the tight junction barrier integrity in healthy nasal tissue, but not in nasal polyps. Journal of Allergy and Clinical Immunology, 2018, 142, 665-668.e8. | 2.9 | 30 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Silencing of MYH7 ameliorates disease phenotypes in human iPSC-cardiomyocytes. Physiological Genomics, 2020, 52, 293-303. | 2.3 | 29 |
| 20 | MicroRNAs regulating mucin type Oâ€glycan biosynthesis and transforming growth factor Î² signaling pathways in nasal mucosa of patients with chronic rhinosinusitis with nasal polyps in Northern China. International Forum of Allergy and Rhinology, 2019, 9, 106-113. | 2.8 | 28 |
| 21 | Cardiac Ischemic Preconditioning Promotes MG53 Secretion Through H <sub>2</sub> O <sub>2</sub> -Activated Protein Kinase C-Î´ Signaling. Circulation, 2020, 142, 1077-1091. | 1.6 | 28 |
| 22 | Moderate hypothermic circulatory arrest in total arch repair for acute type A aortic dissection: clinical safety and efficacy. Journal of Thoracic Disease, 2016, 8, 925-933. | 1.4 | 25 |
| 23 | <p>Zinc Oxide Nanoparticles Induce Mitochondrial Biogenesis Impairment and Cardiac Dysfunction in Human iPSC-Derived Cardiomyocytes</p>. International Journal of Nanomedicine, 2020, Volume 15, 2669-2683. | 6.7 | 24 |
| 24 | miR-25 Promotes Cardiomyocyte Proliferation by Targeting FBXW7. Molecular Therapy - Nucleic Acids, 2020, 19, 1299-1308. | 5.1 | 21 |
| 25 | MicroRNA-302d promotes the proliferation of human pluripotent stem cell-derived cardiomyocytes by inhibiting LATS2 in the Hippo pathway. Clinical Science, 2019, 133, 1387-1399. | 4.3 | 20 |
| 26 | Identification of small-molecule ion channel modulators in C. elegans channelopathy models. Nature Communications, 2018, 9, 3941. | 12.8 | 19 |
| 27 | CD40L promotes development of acute aortic dissection via induction of inflammation and impairment of endothelial cell function. Aging, 2018, 10, 371-385. | 3.1 | 18 |
| 28 | Stability of regulatory T cells in T helper 2â€“biased allergic airway diseases. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1918-1926. | 5.7 | 17 |
| 29 | 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. | 3.4 | 15 |
| 30 | Uric acid: a potent molecular contributor to pluripotent stem cell cardiac differentiation via mesoderm specification. Cell Death and Differentiation, 2019, 26, 826-842. | 11.2 | 14 |
| 31 | MircroRNA-10b Promotes Human Embryonic Stem Cell-Derived Cardiomyocyte Proliferation via Novel Target Gene LATS1. Molecular Therapy - Nucleic Acids, 2020, 19, 437-445. | 5.1 | 14 |
| 32 | Novel roles of an intragenic G-quadruplex in controlling microRNA expression and cardiac function. Nucleic Acids Research, 2021, 49, 2522-2536. | 14.5 | 14 |
| 33 | IFN-Î»1 enhances Staphylococcus aureus clearance in healthy nasal mucosa but not in nasal polyps. Journal of Allergy and Clinical Immunology, 2019, 143, 1416-1425.e4. | 2.9 | 13 |
| 34 | A Potential Role of Group 2 Innate Lymphoid Cells in Eosinophilic Chronic Rhinosinusitis With Nasal Polyps. Allergy, Asthma and Immunology Research, 2021, 13, 363. | 2.9 | 13 |
| 35 | 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. | 0.7 | 12 |
| 36 | Knockout of MYOM1 in human cardiomyocytes leads to myocardial atrophy via impairing calcium homeostasis. Journal of Cellular and Molecular Medicine, 2021, 25, 1661-1676. | 3.6 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | AMPKÎ±2 knockout enhances tumour inflammation through exacerbated liver injury and energy deprivationâ€associated AMPKÎ±1 activation. Journal of Cellular and Molecular Medicine, 2019, 23, 1687-1697. | 3.6 | 11 |
| 38 | Th17 response is augmented in OVA-induced asthmatic mice exposed to HDM. Medical Science Monitor, 2011, 17, BR132-BR138. | 1.1 | 11 |
| 39 | RAD-Deficient Human Cardiomyocytes Develop Hypertrophic Cardiomyopathy Phenotypes Due to Calcium Dysregulation. Frontiers in Cell and Developmental Biology, 2020, 8, 585879. | 3.7 | 8 |
| 40 | 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. | 6.4 | 8 |
| 41 | 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. | 3.0 | 6 |
| 42 | A net-shaped multicellular formation facilitates the maturation of hPSC-derived cardiomyocytes through mechanical and electrophysiological stimuli. Aging, 2018, 10, 532-548. | 3.1 | 6 |
| 43 | 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. | 2.0 | 6 |
| 44 | Understanding the Role of Neutrophils in Refractoriness of Chronic Rhinosinusitis With Nasal Polyps. Allergy, Asthma and Immunology Research, 2020, 12, 1. | 2.9 | 5 |
| 45 | hERG-deficient human embryonic stem cell-derived cardiomyocytes for modelling QT prolongation. Stem Cell Research and Therapy, 2021, 12, 278. | 5.5 | 5 |
| 46 | 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. | 5.5 | 5 |
| 47 | Elevated D-dimer increases the risk of dialysis after surgery in patients with Stanford A aortic dissection through the impact of the coagulation system. Journal of Thoracic Disease, 2018, 10, 6783-6793. | 1.4 | 3 |
| 48 | Investigation of the optimal suspension culture time for the osteoblastic differentiation of human induced pluripotent stem cells using the embryoid body method. Biochemical and Biophysical Research Communications, 2019, 515, 586-592. | 2.1 | 2 |
| 49 | Generation of a NONO homozygous knockout human induced pluripotent stem cell line by CRISPR/Cas9 editing. Stem Cell Research, 2020, 47, 101893. | 0.7 | 2 |
| 50 | Microscale grooves regulate maturation development of hPSCâ€CMs by the transient receptor potential channels (TRP channels). Journal of Cellular and Molecular Medicine, 2021, 25, 3469-3483. | 3.6 | 2 |
| 51 | Generation of a human iPSC line from a patient with Marfan syndrome caused by mutation in FBN1. Stem Cell Research, 2019, 36, 101414. | 0.7 | 1 |
| 52 | Deep Hypothermic Circulatory Arrest Does Not Show Better Protection for Vital Organs Compared with Moderate Hypothermic Circulatory Arrest in Pig Model. BioMed Research International, 2019, 2019, 1-11. | 1.9 | 0 |
| 53 | Generation of a human embryonic stem cell line (WAe009-A-78) carrying homozygous TBX18 knockout. Stem Cell Research, 2022, 62, 102804. | 0.7 | 0 |