

# Junlian Gu

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,272  
citations

516215

16  
h-index

433756

31  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1924  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A new FGF1 variant protects against adriamycin-induced cardiotoxicity via modulating p53 activity. <i>Redox Biology</i> , 2022, 49, 102219.   | 3.9 | 11        |
| 2  | Cardiac SIRT1 ameliorates doxorubicin-induced cardiotoxicity by targeting sestrin 2. <i>Redox Biology</i> , 2022, 52, 102310.   | 3.9 | 18        |
| 3  | Hypothalamic-pituitary-adrenal Axis Multilocus Genetic Variation, Childhood Parenting and Adolescent Anxiety Symptoms: Evidence of Cumulative Polygenic Plasticity. <i>Journal of Youth and Adolescence</i> , 2022, 51, 1597-1610.                        | 1.9 | 2         |
| 4  | Regulatory mechanisms of Sesn2 and its role in multi-organ diseases. <i>Pharmacological Research</i> , 2021, 164, 105331.   | 3.1 | 11        |
| 5  | Molecular mechanisms of doxorubicin-induced cardiotoxicity: novel roles of sirtuin 1-mediated signaling pathways. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3105-3125.  | 2.4 | 37        |
| 6  | NRF2-Related Epigenetic Modifications in Cardiac and Vascular Complications of Diabetes Mellitus. <i>Frontiers in Endocrinology</i> , 2021, 12, 598005.   | 1.5 | 9         |
| 7  | The Role of Fibroblast Growth Factor 21 in Diabetic Cardiovascular Complications and Related Epigenetic Mechanisms. <i>Frontiers in Endocrinology</i> , 2021, 12, 598008.   | 1.5 | 5         |
| 8  | Regulatory role of endogenous and exogenous fibroblast growth factor 1 in the cardiovascular system and related diseases. <i>Pharmacological Research</i> , 2021, 169, 105596.  | 3.1 | 4         |
| 9  | Endostatin inhibits the proliferation and migration of B16 cells by inducing macrophage polarity to M1 type. <i>Molecular Medicine Reports</i> , 2021, 24, .  | 1.1 | 3         |
| 10 | Curtailing FGF19's mitogenicity by suppressing its receptor dimerization ability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29025-29034.  | 3.3 | 15        |
| 11 | Bone Marrow Mesenchymal Stem Cell-Derived Exosomal miRNA-29c Decreases Cardiac Ischemia/Reperfusion Injury Through Inhibition of Excessive Autophagy via the PTEN/Akt/mTOR Signaling Pathway. <i>Circulation Journal</i> , 2020, 84, 1304-1311.           | 0.7 | 44        |
| 12 | Is CD47 a potentially promising therapeutic target in cardiovascular diseases? Role of CD47 in cardiovascular diseases. <i>Life Sciences</i> , 2020, 247, 117426.   | 2.0 | 9         |
| 13 | Epigenetic Regulation Associated With Sirtuin 1 in Complications of Diabetes Mellitus. <i>Frontiers in Endocrinology</i> , 2020, 11, 598012.  | 1.5 | 13        |
| 14 | Inhibition of p53 prevents diabetic cardiomyopathy by preventing early-stage apoptosis and cell senescence, reduced glycolysis, and impaired angiogenesis. <i>Cell Death and Disease</i> , 2018, 9, 82.   | 2.7 | 74        |
| 15 | Fenofibrate inhibits mTOR-p70S6K signaling and simultaneously induces cell death in human prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 70-75.   | 1.0 | 25        |
| 16 | HDAC3 inhibition in diabetic mice may activate Nrf2 preventing diabetes-induced liver damage and FGF21 synthesis and secretion leading to aortic protection. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E150-E162. | 1.8 | 34        |
| 17 | Zinc rescues obesity-induced cardiac hypertrophy via stimulating metallothionein to suppress oxidative stress-activated BCL-2/CARD-38/p38 MAPK pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 1182-1192.                          | 1.6 | 39        |
| 18 | Metallothionein Is Downstream of Nrf2 and Partially Mediates Sulforaphane Prevention of Diabetic Cardiomyopathy. <i>Diabetes</i> , 2017, 66, 529-542.   | 0.3 | 137       |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Cardioprotective effects of fibroblast growth factor 21 against doxorubicin-induced toxicity via the SIRT1/LKB1/AMPK pathway. <i>Cell Death and Disease</i> , 2017, 8, e3018-e3018.  | 2.7 | 103       |
| 20 | Knockdown of HIF-1 $\alpha$ by siRNA-expressing plasmid delivered by attenuated <i>Salmonella</i> enhances the antitumor effects of cisplatin on prostate cancer. <i>Scientific Reports</i> , 2017, 7, 7546.                           | 1.6 | 36        |
| 21 | Uncoupling the Mitogenic and Metabolic Functions of FGF1 by Tuning FGF1-FGF Receptor Dimer Stability. <i>Cell Reports</i> , 2017, 20, 1717-1728.   | 2.9 | 71        |
| 22 | Effect of vascular endothelial growth factor siRNA and wild-type p53 co-expressing plasmid in MDA-MB-231 cells. <i>Molecular Medicine Reports</i> , 2016, 13, 461-468.   | 1.1 | 3         |
| 23 | Endostatin inhibits the growth and migration of 4T1 mouse breast cancer cells by skewing macrophage polarity toward the M1 phenotype. <i>Cancer Immunology, Immunotherapy</i> , 2016, 65, 677-688.                                     | 2.0 | 16        |
| 24 | C66 ameliorates diabetic nephropathy in mice by both upregulating NRF2 function via increase in miR-200a and inhibiting miR-21. <i>Diabetologia</i> , 2016, 59, 1558-1568.   | 2.9 | 81        |
| 25 | Fenofibrate increases cardiac autophagy via FGF21/SIRT1 and prevents fibrosis and inflammation in the hearts of Type 2 diabetic mice. <i>Clinical Science</i> , 2016, 130, 625-641.  | 1.8 | 128       |
| 26 | Aldehyde dehydrogenase 1A1 up-regulates stem cell markers in benzo[a]pyrene-induced malignant transformation of BEAS-2B cells. <i>Environmental Toxicology and Pharmacology</i> , 2016, 45, 241-250.                                   | 2.0 | 11        |
| 27 | Zinc deficiency exacerbates while zinc supplement attenuates cardiac hypertrophy in high-fat diet-induced obese mice through modulating p38 MAPK-dependent signaling. <i>Toxicology Letters</i> , 2016, 258, 134-146.                  | 0.4 | 31        |
| 28 | Low-Dose Radiation Induces Cell Proliferation in Human Embryonic Lung Fibroblasts but not in Lung Cancer Cells. <i>Dose-Response</i> , 2016, 14, 155932581562217.  | 0.7 | 44        |
| 29 | Fibroblast growth factor 21 protects the heart from apoptosis in a diabetic mouse model via extracellular signal-regulated kinase 1/2-dependent signalling pathway. <i>Diabetologia</i> , 2015, 58, 1937-1948.                         | 2.9 | 97        |
| 30 | Exposure to low dose cadmium enhances FL83B cells proliferation through down-regulation of caspase-8 by DNA hypermethylation. <i>Toxicology Research</i> , 2015, 4, 248-259.   | 0.9 | 4         |
| 31 | Sulforaphane prevents the development of cardiomyopathy in type 2 diabetic mice probably by reversing oxidative stress-induced inhibition of LKB1/AMPK pathway. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 77, 42-52. | 0.9 | 157       |