# Lin Gao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3248428/publications.pdf

Version: 2024-02-01

| | | 394421 | 345221 |
|---|---|---|---|
| 35 | 1,609 | 19 | 36 |
| papers | citations | h-index | g-index |

| | | | |
|---|---|---|---|
| 37 | 37 | 37 | 2514 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Mitochondrial Redox Signaling in O<sub>2</sub>-Sensing Chemoreceptor Cells. Antioxidants and Redox Signaling, 2022, 37, 274-289. | 5.4 | 9 |
| 2 | Reduced expression of mitochondrial complex I subunit Ndufs2 does not impact healthspan in mice. Scientific Reports, 2022, 12, 5196. | 3.3 | 10 |
| 3 | Using redox-sensitive fluorescent probes to record real-time reactive oxygen species production in cells from mouse carotid body slices. STAR Protocols, 2021, 2, 100535. | 1.2 | 8 |
| 4 | Lactate sensing mechanisms in arterial chemoreceptor cells. Nature Communications, 2021, 12, 4166. | 12.8 | 38 |
| 5 | Disruption of mitochondrial complex I induces progressive parkinsonism. Nature, 2021, 599, 650-656. | 27.8 | 247 |
| 6 | Molecular Mechanisms of Acute Oxygen Sensing by Arterial Chemoreceptor Cells. Role of Hif2Î±. Frontiers in Physiology, 2020, 11, 614893. | 2.8 | 6 |
| 7 | Differential biomarker profiles between unprovoked venous thromboembolism and cancer. Annals of Medicine, 2020, 52, 310-320. | 3.8 | 7 |
| 8 | Acute O <sub>2</sub> sensing through HIF2Î±-dependent expression of atypical cytochrome oxidase subunits in arterial chemoreceptors. Science Signaling, 2020, 13, . | 3.6 | 60 |
| 9 | Acute oxygen sensingâ€"Role of metabolic specifications in peripheral chemoreceptor cells. Respiratory Physiology and Neurobiology, 2019, 265, 100-111. | 1.6 | 15 |
| 10 | Testing Acute Oxygen Sensing in Genetically Modified Mice: Plethysmography and Amperometry. Methods in Molecular Biology, 2018, 1742, 139-153. | 0.9 | 14 |
| 11 | Acute O2 Sensing: Role of Coenzyme QH2/Q Ratio and Mitochondrial ROS Compartmentalization. Cell Metabolism, 2018, 28, 145-158.e4. | 16.2 | 75 |
| 12 | Redox signaling in acute oxygen sensing. Redox Biology, 2017, 12, 908-915. | 9.0 | 35 |
| 13 | Gene expression analyses reveal metabolic specifications in acute O<sub>2</sub>â€sensing chemoreceptor cells. Journal of Physiology, 2017, 595, 6091-6120. | 2.9 | 49 |
| 14 | Impact of sample processing on the measurement of circulating microparticles: storage and centrifugation parameters. Clinical Chemistry and Laboratory Medicine, 2016, 54, 1759-1767. | 2.3 | 16 |
| 15 | Oxygen sensing by the carotid body: mechanisms and role in adaptation to hypoxia. American Journal of Physiology - Cell Physiology, 2016, 310, C629-C642. | 4.6 | 99 |
| 16 | Oxygen-sensing by arterial chemoreceptors: Mechanisms and medical translation. Molecular Aspects of Medicine, 2016, 47-48, 90-108. | 6.4 | 50 |
| 17 | Oxygen Sensing by Arterial Chemoreceptors Depends on Mitochondrial Complex I Signaling. Cell Metabolism, 2015, 22, 825-837. | 16.2 | 180 |
| 18 | High correlation between 2 flow cytometry platforms in the microparticles analysis using a new calibrated beads strategy. Translational Research, 2015, 166, 733-739. | 5.0 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Glucose sensing by carotid body glomus cells: potential implications in disease. Frontiers in Physiology, 2014, 5, 398. | 2.8 | 34 |
| 20 | Age-Mediated Transcriptomic Changes in Adult Mouse Substantia Nigra. PLoS ONE, 2013, 8, e62456. | 2.5 | 15 |
| 21 | <b><i>PSMC1</i></b> Gene in Parkinsonâ€™s Disease. European Neurology, 2012, 68, 193-198. | 1.4 | 4 |
| 22 | Intermediate alleles at the FRAXA and FRAXE loci in Parkinsonâ€™s disease. Parkinsonism and Related Disorders, 2011, 17, 281-284. | 2.2 | 16 |
| 23 | Heat shock protein 70 kDa over-expression and 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced nigrostriatal degeneration in mice. Neuroscience, 2011, 193, 323-329. | 2.3 | 4 |
| 24 | Mesencephalic and striatal protein profiles in mice over-expressing glucose-6-phosphate dehydrogenase in dopaminergic neurons. Journal of Proteomics, 2010, 73, 1747-1757. | 2.4 | 5 |
| 25 | Brain-derived neurotrophic factor G196A polymorphism and clinical features in Parkinsonâ€™s disease. Acta Neurologica Scandinavica, 2010, 122, 41-45. | 2.1 | 37 |
| 26 | Prevalence and clinical features ofLRRK2mutations in patients with Parkinsonâ€™s disease in southern Spain. European Journal of Neurology, 2009, 16, 957-960. | 3.3 | 32 |
| 27 | Glucose-6-phosphate dehydrogenase activity in Parkinsonâ€™s disease. Journal of Neurology, 2008, 255, 1850-1851. | 3.6 | 8 |
| 28 | Neuroprotection by Transgenic Expression of Glucose-6-Phosphate Dehydrogenase in Dopaminergic Nigrostriatal Neurons of Mice. Journal of Neuroscience, 2006, 26, 4500-4508. | 3.6 | 62 |
| 29 | Leaky termination at premature stop codons antagonizes nonsense-mediated mRNA decay in S. cerevisiae. Rna, 2004, 10, 691-703. | 3.5 | 153 |
| 30 | Induction of the glucose-6-phosphate dehydrogenase gene expression by chronic hypoxia in PC12 cells. FEBS Letters, 2004, 569, 256-260. | 2.8 | 56 |
| 31 | Chlorzoxazone or 1-EBIO increases Na<sup>+</sup>absorption across cystic fibrosis airway epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 281, L1123-L1129. | 2.9 | 23 |
| 32 | Synthetic chloride channel restores glutathione secretion in cystic fibrosis airway epithelia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 281, L24-L30. | 2.9 | 47 |
| 33 | Abnormal glutathione transport in cystic fibrosis airway epithelia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1999, 277, L113-L118. | 2.9 | 124 |
| 34 | Î³-Glutamylcysteine synthetase: mRNA stabilization and independent subunit transcription by 4-hydroxy-2-nonenal. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1998, 275, L861-L869. | 2.9 | 53 |
| 35 | Ca<sup>2+</sup>-dependent p47<sup>phox</sup>translocation in hydroperoxide modulation of the alveolar macrophage respiratory burst. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1997, 273, L1042-L1047. | 2.9 | 11 |