# Xiaojun Liu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11439144/publications.pdf

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|---|---|---|---|
| 33<br>papers | 5,655<br>citations | 236612<br>25<br>h-index | 414034<br>32<br>g-index |
| 33<br>all docs | 33<br>docs citations | 33<br>times ranked | 6529<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | MicroRNA Expression Signature and Antisense-Mediated Depletion Reveal an Essential Role of MicroRNA in Vascular Neointimal Lesion Formation. Circulation Research, 2007, 100, 1579-1588. | 2.0 | 848 |
| 2 | MicroRNA-145, a Novel Smooth Muscle Cell Phenotypic Marker and Modulator, Controls Vascular Neointimal Lesion Formation. Circulation Research, 2009, 105, 158-166. | 2.0 | 613 |
| 3 | A Necessary Role of miR-221 and miR-222 in Vascular Smooth Muscle Cell Proliferation and Neointimal Hyperplasia. Circulation Research, 2009, 104, 476-487. | 2.0 | 518 |
| 4 | MicroRNAs Are Aberrantly Expressed in Hypertrophic Heart. American Journal of Pathology, 2007, 170, 1831-1840. | 1.9 | 486 |
| 5 | MicroRNA Expression Signature and the Role of MicroRNA-21 in the Early Phase of Acute Myocardial Infarction. Journal of Biological Chemistry, 2009, 284, 29514-29525. | 1.6 | 409 |
| 6 | MicroRNA-21 protects against the H2O2-induced injury on cardiac myocytes via its target gene PDCD4. Journal of Molecular and Cellular Cardiology, 2009, 47, 5-14. | 0.9 | 340 |
| 7 | miR-222 Is Necessary for Exercise-Induced Cardiac Growth and Protects against Pathological Cardiac Remodeling. Cell Metabolism, 2015, 21, 584-595. | 7.2 | 316 |
| 8 | A translational study of circulating cell-free microRNA-1 in acute myocardial infarction. Clinical Science, 2010, 119, 87-95. | 1.8 | 298 |
| 9 | Ischaemic preconditioning-regulated miR-21 protects heart against ischaemia/reperfusion injury via anti-apoptosis through its target PDCD4. Cardiovascular Research, 2010, 87, 431-439. | 1.8 | 296 |
| 10 | Involvement of MicroRNAs in Hydrogen Peroxide-mediated Gene Regulation and Cellular Injury Response in Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2009, 284, 7903-7913. | 1.6 | 211 |
| 11 | Cell-specific effects of miR-221/222 in vessels: Molecular mechanism and therapeutic application. Journal of Molecular and Cellular Cardiology, 2012, 52, 245-255. | 0.9 | 197 |
| 12 | miR-17-3p Contributes to Exercise-Induced Cardiac Growth and Protects against Myocardial Ischemia-Reperfusion Injury. Theranostics, 2017, 7, 664-676. | 4.6 | 174 |
| 13 | A translational study of urine miRNAs in acute myocardial infarction. Journal of Molecular and Cellular Cardiology, 2012, 53, 668-676. | 0.9 | 157 |
| 14 | Exercise induces new cardiomyocyte generation in the adult mammalian heart. Nature Communications, 2018, 9, 1659. | 5.8 | 134 |
| 15 | A novel pathogenesis-related protein (SsPR10) from Solanum surattense with ribonucleolytic and antimicrobial activity is stress- and pathogen-inducible. Journal of Plant Physiology, 2006, 163, 546-556. | 1.6 | 88 |
| 16 | MicroRNA-31 Regulated by the Extracellular Regulated Kinase Is Involved in Vascular Smooth Muscle Cell Growth via Large Tumor Suppressor Homolog 2. Journal of Biological Chemistry, 2011, 286, 42371-42380. | 1.6 | 82 |
| 17 | Micro<scp>RNA</scp> expression profile and functional analysis reveal that mi<scp>R</scp>â€382 is a critical novel gene of alcohol addiction. EMBO Molecular Medicine, 2013, 5, 1402-1414. | 3.3 | 64 |
| 18 | Regionâ€Specific Induction of FosB/Î”FosB by Voluntary Alcohol Intake: Effects of Naltrexone. Alcoholism: Clinical and Experimental Research, 2010, 34, 1742-1750. | 1.4 | 52 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Plasma Circulating Extracellular RNAs in Left Ventricular Remodeling Post-Myocardial Infarction. EBioMedicine, 2018, 32, 172-181. | 2.7 | 52 |
| 20 | What do we know about the cardiac benefits of exercise?. Trends in Cardiovascular Medicine, 2015, 25, 529-536. | 2.3 | 47 |
| 21 | Unexpected pro-injury effect of propofol on vascular smooth muscle cells with increased oxidative stress*. Critical Care Medicine, 2011, 39, 738-745. | 0.4 | 46 |
| 22 | lncExACT1 and DCHS2 Regulate Physiological and Pathological Cardiac Growth. Circulation, 2022, 145, 1218-1233. | 1.6 | 43 |
| 23 | An essential role of PDCD4 in vascular smooth muscle cell apoptosis and proliferation: implications for vascular disease. American Journal of Physiology - Cell Physiology, 2010, 298, C1481-C1488. | 2.1 | 34 |
| 24 | Associations of Circulating Extracellular RNAs With Myocardial Remodeling and Heart Failure. JAMA Cardiology, 2018, 3, 871. | 3.0 | 33 |
| 25 | MicroRNAs Associated With Reverse Left Ventricular Remodeling in Humans Identify Pathways of Heart Failure Progression. Circulation: Heart Failure, 2018, 11, e004278. | 1.6 | 32 |
| 26 | Flank Sequences of miRâ€•145/143 and Their Aberrant Expression inÂVascular Disease: Mechanism and Therapeutic Application. Journal of the American Heart Association, 2013, 2, e000407. | 1.6 | 28 |
| 27 | cDNA cloning and characterization of a mannose-binding lectin fromZingiber officinaleRoscoe (ginger) rhizomes. Journal of Biosciences, 2005, 30, 213-220. | 0.5 | 19 |
| 28 | Molecular cloning and characterization of a novel ice gene from Capsella bursa-pastoris. Molecular Biology, 2005, 39, 18-25. | 0.4 | 14 |
| 29 | The Role of MicroRNAs in the Cardiac Response to Exercise. Cold Spring Harbor Perspectives in Medicine, 2017, 7, a029850. | 2.9 | 12 |
| 30 | cDNA cloning and expression analysis of a mannose-binding lectin from Pinellia pedatisecta. Journal of Biosciences, 2007, 32, 241-249. | 0.5 | 9 |
| 31 | Isolation and Expression Profiling of the Pto-Like Gene SsPto from Solanum surattense. Molecular Biology, 2005, 39, 684-695. | 0.4 | 2 |
| 32 | MicroRNAs are aberrantly expressed in hypertrophic heart: do they play a role in cardiac hypertrophy?. FASEB Journal, 2007, 21, . | 0.2 | 1 |
| 33 | The Effects of Some MicroRNAs in Vascular Neointimal Formation May Depend on Cell Cycle Phase. Circulation Research, 2008, 102, . | 2.0 | 0 |