

Lin He

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

5,327
citations

331259

21
h-index

454577

30
g-index

34
all docs

34
docs citations

34
times ranked

8810
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Multimodal detection of protein isoforms and nucleic acids from mouse pre-implantation embryos. <i>Nature Protocols</i> , 2021, 16, 1062-1088. | 5.5 | 5 |
| 2 | Multimodal detection of protein isoforms and nucleic acids from low starting cell numbers. <i>Lab on A Chip</i> , 2021, 21, 2427-2436. | 3.1 | 2 |
| 3 | <i>miR-200</i> deficiency promotes lung cancer metastasis by activating Notch signaling in cancer-associated fibroblasts. <i>Genes and Development</i> , 2021, 35, 1109-1122. | 2.7 | 35 |
| 4 | Alpha/Beta Hydrolase Domain-Containing Protein 2 Regulates the Rhythm of Follicular Maturation and Estrous Stages of the Female Reproductive Cycle. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 710864. | 1.8 | 7 |
| 5 | A mouse-specific retrotransposon drives a conserved <i>Cdk2ap1</i> isoform essential for development. <i>Cell</i> , 2021, 184, 5541-5558.e22. | 13.5 | 52 |
| 6 | Noncoding RNAs: biology and applications – a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2021, 1506, 118-141. | 1.8 | 13 |
| 7 | <i>Klf5</i> establishes bi-potential cell fate by dual regulation of ICM and TE specification genes. <i>Cell Reports</i> , 2021, 37, 109982. | 2.9 | 13 |
| 8 | Assessing heterogeneity among single embryos and single blastomeres using open microfluidic design. <i>Science Advances</i> , 2020, 6, eaay1751. | 4.7 | 16 |
| 9 | CRISPR-READ1: Efficient Generation of Knockin Mice by CRISPR RNP Electroporation and AAV Donor Infection. <i>Cell Reports</i> , 2019, 27, 3780-3789.e4. | 2.9 | 73 |
| 10 | Efficient mouse genome engineering by CRISPR-EZ technology. <i>Nature Protocols</i> , 2018, 13, 1253-1274. | 5.5 | 95 |
| 11 | Deficiency of microRNA <i>miR-34a</i> expands cell fate potential in pluripotent stem cells. <i>Science</i> , 2017, 355, . | 6.0 | 129 |
| 12 | Noncoding RNAs in Cancer Development. <i>Annual Review of Cancer Biology</i> , 2017, 1, 163-184. | 2.3 | 37 |
| 13 | A lncRNA fine tunes the dynamics of a cell state transition involving <i>Lin28</i> , <i>let-7</i> and de novo DNA methylation. <i>ELife</i> , 2017, 6, . | 2.8 | 35 |
| 14 | Highly Efficient Mouse Genome Editing by CRISPR Ribonucleoprotein Electroporation of Zygotes. <i>Journal of Biological Chemistry</i> , 2016, 291, 14457-14467. | 1.6 | 262 |
| 15 | Phytochemical regulation of the tumor suppressive microRNA, <i>miR-34a</i> , by p53-dependent and independent responses in human breast cancer cells. <i>Molecular Carcinogenesis</i> , 2016, 55, 486-498. | 1.3 | 51 |
| 16 | A <i>Hox</i> -Embedded Long Noncoding RNA: Is It All Hot Air?. <i>PLoS Genetics</i> , 2016, 12, e1006485. | 1.5 | 38 |
| 17 | Outside the coding genome, mammalian microRNAs confer structural and functional complexity. <i>Science Signaling</i> , 2015, 8, re2. | 1.6 | 57 |
| 18 | Functional Analysis of <i>miR-34c</i> as a Putative Tumor Suppressor in High-Grade Serous Ovarian Cancer1. <i>Biology of Reproduction</i> , 2014, 91, 113. | 1.2 | 17 |

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|----|--|------|-----------|
| 19 | A positive feedback between p53 and <i>miR-34</i> miRNAs mediates tumor suppression. <i>Genes and Development</i> , 2014, 28, 438-450. | 2.7 | 254 |
| 20 | An expanding universe of the non-coding genome in cancer biology. <i>Carcinogenesis</i> , 2014, 35, 1209-1216. | 1.3 | 37 |
| 21 | <i>miR-34/449</i> miRNAs are required for motile ciliogenesis by repressing <i>cp110</i> . <i>Nature</i> , 2014, 510, 115-120. | 13.7 | 196 |
| 22 | <i>miR-34</i> miRNAs provide a barrier for somatic cell reprogramming. <i>Nature Cell Biology</i> , 2011, 13, 1353-1360. | 4.6 | 347 |
| 23 | Posttranscriptional Regulation of PTEN Dosage by Noncoding RNAs. <i>Science Signaling</i> , 2010, 3, pe39. | 1.6 | 37 |
| 24 | microRNAs join the p53 network – another piece in the tumour-suppression puzzle. <i>Nature Reviews Cancer</i> , 2007, 7, 819-822. | 12.8 | 520 |
| 25 | A microRNA component of the p53 tumour suppressor network. <i>Nature</i> , 2007, 447, 1130-1134. | 13.7 | 2,476 |
| 26 | Spongiform Degeneration in mahoganoid Mutant Mice. <i>Science</i> , 2003, 299, 710-712. | 6.0 | 135 |
| 27 | Biochemical and Genetic Studies of Pigment-Type Switching. <i>Pigment Cell & Melanoma Research</i> , 2000, 13, 48-53. | 4.0 | 66 |