

Kevin Huang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

1,532
citations

15
h-index

30
g-index

30
ext. papers

1,903
ext. citations

9.6
avg, IF

4.14
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 20 | Genetic programs in human and mouse early embryos revealed by single-cell RNA sequencing. <i>Nature</i> , 2013 , 500, 593-7 | 50.4 | 622 |
| 19 | Simultaneous profiling of transcriptome and DNA methylome from a single cell. <i>Genome Biology</i> , 2016 , 17, 88 | 18.3 | 169 |
| 18 | Molecular signature of primary retinal pigment epithelium and stem-cell-derived RPE cells. <i>Human Molecular Genetics</i> , 2010 , 19, 4229-38 | 5.6 | 152 |
| 17 | The naive state of human pluripotent stem cells: a synthesis of stem cell and preimplantation embryo transcriptome analyses. <i>Cell Stem Cell</i> , 2014 , 15, 410-415 | 18 | 117 |
| 16 | Single-cell RNA-seq reveals distinct injury responses in different types of DRG sensory neurons. <i>Scientific Reports</i> , 2016 , 6, 31851 | 4.9 | 73 |
| 15 | Low CD38 Identifies Progenitor-like Inflammation-Associated Luminal Cells that Can Initiate Human Prostate Cancer and Predict Poor Outcome. <i>Cell Reports</i> , 2016 , 17, 2596-2606 | 10.6 | 67 |
| 14 | Reversible Regulation of Promoter and Enhancer Histone Landscape by DNA Methylation in Mouse Embryonic Stem Cells. <i>Cell Reports</i> , 2016 , 17, 289-302 | 10.6 | 65 |
| 13 | DNA methylation in cell differentiation and reprogramming: an emerging systematic view. <i>Regenerative Medicine</i> , 2010 , 5, 531-44 | 2.5 | 54 |
| 12 | Identification of novel molecular markers through transcriptomic analysis in human fetal and adult corneal endothelial cells. <i>Human Molecular Genetics</i> , 2013 , 22, 1271-9 | 5.6 | 47 |
| 11 | A panel of CpG methylation sites distinguishes human embryonic stem cells and induced pluripotent stem cells. <i>Stem Cell Reports</i> , 2014 , 2, 36-43 | 8 | 30 |
| 10 | Functional modules distinguish human induced pluripotent stem cells from embryonic stem cells. <i>Stem Cells and Development</i> , 2011 , 20, 1937-50 | 4.4 | 25 |
| 9 | Identification of miRNA signatures during the differentiation of hESCs into retinal pigment epithelial cells. <i>PLoS ONE</i> , 2012 , 7, e37224 | 3.7 | 25 |
| 8 | Selective demethylation and altered gene expression are associated with ICF syndrome in human-induced pluripotent stem cells and mesenchymal stem cells. <i>Human Molecular Genetics</i> , 2014 , 23, 6448-57 | 5.6 | 20 |
| 7 | Recent advances in preimplantation genetic diagnosis and screening. <i>Journal of Assisted Reproduction and Genetics</i> , 2016 , 33, 1129-34 | 3.4 | 18 |
| 6 | Integrated analysis of DNA methylation and RNA transcriptome during in vitro differentiation of human pluripotent stem cells into retinal pigment epithelial cells. <i>PLoS ONE</i> , 2014 , 9, e91416 | 3.7 | 18 |
| 5 | Diagnostic value of maspin in distinguishing adenocarcinoma from benign biliary epithelium on endoscopic bile duct biopsy. <i>Human Pathology</i> , 2015 , 46, 1647-54 | 3.7 | 15 |
| 4 | Recent Advances in Studying of Copy Number Variation and Gene Expression 2014 , 1 | | 5 |

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| 3 | Epigenetic modifications in distinction: histone versus DNA methylation in ESCs. <i>Cell Stem Cell</i> , 2011 , 8, 604-5 | 18 | 5 |
| 2 | Single-cell analysis of nonhuman primate preimplantation development in comparison to humans and mice. <i>Developmental Dynamics</i> , 2021 , 250, 974-985 | 2.9 | 3 |
| 1 | X-chromosome dosage compensation dynamics in human early embryos | | 2 |