# Peter J Rugg-Gunn

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6989643/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 49 papers | 6,799 citations | 201674 27 h-index | 182427 51 g-index |
| 59 all docs | 59 docs citations | 59 times ranked | 8441 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Induction of Human NaÃ¯ve Pluripotency Using Chemical Resetting. Methods in Molecular Biology, 2022, 2416, 29-37. | 0.9 | 4 |
| 2 | Genome-wide screening identifies Polycomb repressive complex 1.3 as an essential regulator of human naÃ¯ve pluripotent cell reprogramming. Science Advances, 2022, 8, eabk0013. | 10.3 | 7 |
| 3 | Flow Cytometry Analysis of to Identify Human NaÃ¯ve Pluripotent Stem Cells. Methods in Molecular Biology, 2022, 2416, 257-265. | 0.9 | 1 |
| 4 | Locus-specific induction of gene expression from heterochromatin loci during cellular senescence. Nature Aging, 2022, 2, 31-45. | 11.6 | 12 |
| 5 | Amniogenesis occurs in two independent waves in primates. Cell Stem Cell, 2022, 29, 744-759.e6. | 11.1 | 48 |
| 6 | Satellite repeat transcripts modulate heterochromatin condensates and safeguard chromosome stability in mouse embryonic stem cells. Nature Communications, 2022, 13, . | 12.8 | 16 |
| 7 | Integrated multi-omics reveal polycomb repressive complex 2 restricts human trophoblast induction. Nature Cell Biology, 2022, 24, 858-871. | 10.3 | 30 |
| 8 | Genome-wide analysis of DNA replication and DNA double-strand breaks using TrAEL-seq. PLoS Biology, 2021, 19, e3000886. | 5.6 | 19 |
| 9 | Widespread reorganisation of pluripotent factor binding and gene regulatory interactions between human pluripotent states. Nature Communications, 2021, 12, 2098. | 12.8 | 30 |
| 10 | TGFÎ² signalling is required to maintain pluripotency of human naÃ¯ve pluripotent stem cells. ELife, 2021, 10, . | 6.0 | 24 |
| 11 | The application of cell surface markers to demarcate distinct human pluripotent states. Experimental Cell Research, 2020, 387, 111749. | 2.6 | 9 |
| 12 | Naive Pluripotent Stem Cells Exhibit Phenotypic Variability that Is Driven by Genetic Variation. Cell Stem Cell, 2020, 27, 470-481.e6. | 11.1 | 38 |
| 13 | Cell-Surface Proteomics Identifies Differences in Signaling and Adhesion Protein Expression between Naive and Primed Human Pluripotent Stem Cells. Stem Cell Reports, 2020, 14, 972-988. | 4.8 | 23 |
| 14 | Transcription factors make the right contacts. Nature Cell Biology, 2019, 21, 1173-1174. | 10.3 | 1 |
| 15 | Multi-omics profiling of mouse gastrulation at single-cell resolution. Nature, 2019, 576, 487-491. | 27.8 | 307 |
| 16 | Long-Range Enhancer Interactions Are Prevalent in Mouse Embryonic Stem Cells and Are Reorganized upon Pluripotent State Transition. Cell Reports, 2018, 22, 2615-2627. | 6.4 | 99 |
| 17 | Molecular profiling of aged neural progenitors identifies Dbx2 as a candidate regulator of ageâ€associated neurogenic decline. Aging Cell, 2018, 17, e12745. | 6.7 | 46 |
| 18 | Identifying Human NaÃ¯ve Pluripotent Stem Cells â^' Evaluating Stateâ€Specific Reporter Lines and Cellâ€Surface Markers. BioEssays, 2018, 40, e1700239. | 2.5 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Promoter interactome of human embryonic stem cell-derived cardiomyocytes connects GWAS regions to cardiac gene networks. Nature Communications, 2018, 9, 2526. | 12.8 | 48 |
| 20 | Genome-Scale Oscillations in DNA Methylation during Exit from Pluripotency. Cell Systems, 2018, 7, 63-76.e12. | 6.2 | 70 |
| 21 | DNA methylation is dispensable for changes in global chromatin architecture but required for chromocentre formation in early stem cell differentiation. Chromosoma, 2017, 126, 605-614. | 2.2 | 17 |
| 22 | Transcriptional response ofHoxbgenes to retinoid signalling is regionally restricted along the neural tube rostrocaudal axis. Royal Society Open Science, 2017, 4, 160913. | 2.4 | 11 |
| 23 | Comprehensive Cell Surface Protein Profiling Identifies Specific Markers of Human Naive and Primed Pluripotent States. Cell Stem Cell, 2017, 20, 874-890.e7. | 11.1 | 150 |
| 24 | Derivation and Culture of Extra-Embryonic Endoderm Stem Cell Lines. Cold Spring Harbor Protocols, 2017, 2017, pdb.prot093963. | 0.3 | 3 |
| 25 | Derivation and Culture of Epiblast Stem Cell (EpiSC) Lines. Cold Spring Harbor Protocols, 2017, 2017, pdb.prot093971. | 0.3 | 2 |
| 26 | XACT Noncoding RNA Competes with XIST in the Control of X Chromosome Activity during Human Early Development. Cell Stem Cell, 2017, 20, 102-111. | 11.1 | 181 |
| 27 | Naive pluripotent stem cells as a model for studying human developmental epigenomics: opportunities and limitations. Epigenomics, 2017, 9, 1485-1488. | 2.1 | 2 |
| 28 | Global reorganisation of cis-regulatory units upon lineage commitment of human embryonic stem cells. ELife, 2017, 6, . | 6.0 | 130 |
| 29 | Deletion of the Polycomb-Group Protein EZH2 Leads to Compromised Self-Renewal and Differentiation Defects in Human Embryonic Stem Cells. Cell Reports, 2016, 17, 2700-2714. | 6.4 | 110 |
| 30 | The pluripotency factor Nanog regulates pericentromeric heterochromatin organization in mouse embryonic stem cells. Genes and Development, 2016, 30, 1101-1115. | 5.9 | 50 |
| 31 | Comparative Principles of DNA Methylation Reprogramming during Human and Mouse InÂVitro Primordial Germ Cell Specification. Developmental Cell, 2016, 39, 104-115. | 7.0 | 102 |
| 32 | Crosstalk between pluripotency factors and higher-order chromatin organization. Nucleus, 2016, 7, 447-452. | 2.2 | 7 |
| 33 | Chromatin organization in pluripotent cells: emerging approaches to study and disrupt function. Briefings in Functional Genomics, 2016, 15, 305-314. | 2.7 | 4 |
| 34 | Epigenetic features of the mouse trophoblast. Reproductive BioMedicine Online, 2012, 25, 21-30. | 2.4 | 34 |
| 35 | Cell-Surface Proteomics Identifies Lineage-Specific Markers of Embryo-Derived Stem Cells. Developmental Cell, 2012, 22, 887-901. | 7.0 | 134 |
| 36 | Global Chromatin Architecture Reflects Pluripotency and Lineage Commitment in the Early Mouse Embryo. PLoS ONE, 2010, 5, e10531. | 2.5 | 233 |

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|---|---|---|---|
| 37 | Distinct histone modifications in stem cell lines and tissue lineages from the early mouse embryo. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10783-10790. | 7.1 | 212 |
| 38 | Gata3 regulates trophoblast development downstream of Tead4 and in parallel to Cdx2. Development (Cambridge), 2010, 137, 395-403. | 2.5 | 389 |
| 39 | Early Cell Fate Decisions of Human Embryonic Stem Cells and Mouse Epiblast Stem Cells Are Controlled by the Same Signalling Pathways. PLoS ONE, 2009, 4, e6082. | 2.5 | 232 |
| 40 | Activin/Nodal signalling maintains pluripotency by controlling Nanog expression. Development (Cambridge), 2009, 136, 1339-1349. | 2.5 | 379 |
| 41 | The Challenge of Regulating Rapidly Changing Science: Stem Cell Legislation in Canada. Cell Stem Cell, 2009, 4, 285-288. | 11.1 | 10 |
| 42 | The Legal Status of Novel Stem Cell Technologies in Canada. Journal of International Biotechnology Law, 2008, 5, . | 0.1 | 6 |
| 43 | Status of genomic imprinting in human embryonic stem cells as revealed by a large cohort of independently derived and maintained lines. Human Molecular Genetics, 2007, 16, R243-R251. | 2.9 | 121 |
| 44 | Recombination Signatures Distinguish Embryonic Stem Cells Derived by Parthenogenesis and Somatic Cell Nuclear Transfer. Cell Stem Cell, 2007, 1, 346-352. | 11.1 | 137 |
| 45 | Characterization of human embryonic stem cell lines by the International Stem Cell Initiative. Nature Biotechnology, 2007, 25, 803-816. | 17.5 | 983 |
| 46 | Derivation of pluripotent epiblast stem cells from mammalian embryos. Nature, 2007, 448, 191-195. | 27.8 | 1,842 |
| 47 | Epigenetic status of human embryonic stem cells. Nature Genetics, 2005, 37, 585-587. | 21.4 | 169 |
| 48 | Human Embryonic Stem Cells as a Model for Studying Epigenetic Regulation During Early Development. Cell Cycle, 2005, 4, 1323-1326. | 2.6 | 30 |
| 49 | Enhancing and Diminishing Gene Function in Human Embryonic Stem Cells. Stem Cells, 2004, 22, 2-11. | 3.2 | 119 |