# Aiko Sada

List of Publications by Year
in descending order



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|---|---|---|---|
| 21 papers | 992 citations | 840776 11 h-index | 794594 19 g-index |
| 25 all docs | 25 docs citations | 25 times ranked | 1368 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The RNA-Binding Protein NANOS2 Is Required to Maintain Murine Spermatogonial Stem Cells. Science, 2009, 325, 1394-1398. | 12.6 | 271 |
| 2 | The heterogeneity of spermatogonia is revealed by their topology and expression of marker proteins including the germ cell-specific proteins Nanos2 and Nanos3. Developmental Biology, 2009, 336, 222-231. | 2.0 | 177 |
| 3 | Defining the cellular lineage hierarchy in the interfollicular epidermis of adult skin. Nature Cell Biology, 2016, 18, 619-631. | 10.3 | 158 |
| 4 | Suppression of C/EBPÎ± expression in periportal hepatoblasts may stimulate biliary cell differentiation through increased Hnf6 and Hnf1b expression. Development (Cambridge), 2006, 133, 4233-4243. | 2.5 | 82 |
| 5 | NANOS2 Acts Downstream of Glial Cell Line-Derived Neurotrophic Factor Signaling to Suppress Differentiation of Spermatogonial Stem Cells. Stem Cells, 2012, 30, 280-291. | 3.2 | 79 |
| 6 | RNA Binding Protein Nanos2 Organizes Post-transcriptional Buffering System to Retain Primitive State of Mouse Spermatogonial Stem Cells. Developmental Cell, 2015, 34, 96-107. | 7.0 | 63 |
| 7 | High Runx1 Levels Promote a Reversible, More-Differentiated Cell State in Hair-Follicle Stem Cells during Quiescence. Cell Reports, 2014, 6, 499-513. | 6.4 | 28 |
| 8 | Glycome profiling by lectin microarray reveals dynamic glycan alterations during epidermal stem cell aging. Aging Cell, 2020, 19, e13190. | 6.7 | 23 |
| 9 | Histone H3 K4/9/27 Trimethylation Levels Affect Wound Healing and Stem Cell Dynamics in Adult Skin. Stem Cell Reports, 2020, 14, 34-48. | 4.8 | 21 |
| 10 | The Nanos3-3â€²UTR Is Required for Germ Cell Specific NANOS3 Expression in Mouse Embryos. PLoS ONE, 2010, 5, e9300. | 2.5 | 20 |
| 11 | New Insights into Mechanisms ofÂStem Cell Daughter Fate Determination in Regenerative Tissues. International Review of Cell and Molecular Biology, 2013, 300, 1-50. | 3.2 | 16 |
| 12 | Fibulin-7, a heparin binding matricellular protein, promotes renal tubular calcification in mice. Matrix Biology, 2018, 74, 5-20. | 3.6 | 16 |
| 13 | Vasculature-driven stem cell population coordinates tissue scaling in dynamic organs. Science Advances, 2021, 7, . | 10.3 | 11 |
| 14 | Wild-type and SAMP8 mice show age-dependent changes in distinct stem cell compartments of the interfollicular epidermis. PLoS ONE, 2019, 14, e0215908. | 2.5 | 9 |
| 15 | Defining compartmentalized stem cell populations with distinct cell division dynamics in the ocular surface epithelium. Development (Cambridge), 2020, 147, . | 2.5 | 8 |
| 16 | Slc1a3-CreER as a Targeting Tool for the K6+ Epithelial Stem Cell Niche and its Precursors during Mouse Hair Follicle Cycle. Journal of Investigative Dermatology, 2017, 137, 1569-1571. | 0.7 | 4 |
| 17 | Contribution of PDGFRÎ±-positive cells in maintenance and injury responses in mouse large vessels. Scientific Reports, 2021, 11, 8683. | 3.3 | 4 |
| 18 | 17-P034 Nanos2 regulates the transcriptome in the embryonic male germ cells. Mechanisms of Development, 2009, 126, S280. | 1.7 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Epidermal stem cell lineages. Advances in Stem Cells and Their Niches, 2019, 3, 31-72. | 0.1 | 1 |
| 20 | Defining the stem cell lineages in the mouse inter-follicular epidermis. Journal of Dermatological Science, 2017, 86, e54. | 1.9 | 0 |
| 21 | Isolation and Culture of Primary Oral Keratinocytes from the Adult Mouse Palate. Journal of Visualized Experiments, 2021, , . | 0.3 | 0 |