# Yoshifumi Yamaguchi

List of Publications by Year
in descending order



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|---|---|---|---|
| 38 papers | 1,936 citations | 471509 17 h-index | 377865 34 g-index |
| 42 all docs | 42 docs citations | 42 times ranked | 3465 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Stepâ€byâ€step protocols for nonâ€viral derivation of transgeneâ€free induced pluripotent stem cells from somatic fibroblasts of multiple mammalian species. Development Growth and Differentiation, 2022, 64, 325-341. | 1.5 | 2 |
| 2 | Caspase-3 regulates ureteric branching in mice via cell migration. Biochemical and Biophysical Research Communications, 2021, 559, 28-34. | 2.1 | 2 |
| 3 | Hepatic resistance to cold ferroptosis in a mammalian hibernator Syrian hamster depends on effective storage of diet-derived Î±-tocopherol. Communications Biology, 2021, 4, 796. | 4.4 | 12 |
| 4 | Evidence for the involvement of caspases in establishing proper cerebrospinal fluid hydrodynamics. Neuroscience Research, 2021, 170, 145-153. | 1.9 | 1 |
| 5 | In vivo detection of programmed cell death during mouse heart development. Cell Death and Differentiation, 2020, 27, 1398-1414. | 11.2 | 10 |
| 6 | Apoptosis is involved in maintaining the character of the midbrain and the diencephalon roof plate after neural tube closure. Developmental Biology, 2020, 468, 101-109. | 2.0 | 4 |
| 7 | A Fluorescent Probe for Rapid, Highâ€Contrast Visualization of Folateâ€Receptorâ€Expressing Tumors Inâ€...Vivo. Angewandte Chemie - International Edition, 2020, 59, 6015-6020. | 13.8 | 41 |
| 8 | Temporal regulation of Lin28a during mammalian neurulation contributes to neonatal body size control. Developmental Dynamics, 2019, 248, 931-941. | 1.8 | 5 |
| 9 | Caspase-1 initiates apoptosis in the absence of gasdermin D. Nature Communications, 2019, 10, 2091. | 12.8 | 301 |
| 10 | A20 prevents inflammasome-dependent arthritis by inhibiting macrophage necroptosis through its ZnF7 ubiquitin-binding domain. Nature Cell Biology, 2019, 21, 731-742. | 10.3 | 122 |
| 11 | Loss of the small GTPase Arl8b results in abnormal development of the roof plate in mouse embryos. Genes To Cells, 2019, 24, 436-448. | 1.2 | 0 |
| 12 | Addendum: A FRET biosensor for necroptosis uncovers two different modes of the release of DAMPs. Nature Communications, 2019, 10, 1923. | 12.8 | 2 |
| 13 | Development of novel methods that monitor necroptosis and the release of DAMPs at the single cell resolution. Cell Stress, 2019, 3, 66-69. | 3.2 | 10 |
| 14 | A FRET biosensor for necroptosis uncovers two different modes of the release of DAMPs. Nature Communications, 2018, 9, 4457. | 12.8 | 65 |
| 15 | Caspases and matrix metalloproteases facilitate collective behavior of non-neural ectoderm after hindbrain neuropore closure. BMC Developmental Biology, 2018, 18, 17. | 2.1 | 9 |
| 16 | Mammalian embryos show metabolic plasticity toward the surrounding environment during neural tube closure. Genes To Cells, 2018, 23, 794-802. | 1.2 | 5 |
| 17 | Molecular Basis of White Adipose Tissue Remodeling That Precedes and Coincides With Hibernation in the Syrian Hamster, a Food-Storing Hibernator. Frontiers in Physiology, 2018, 9, 1973. | 2.8 | 15 |
| 18 | Rewiring of embryonic glucose metabolism via suppression of PFK-1 and aldolase during mouse chorioallantoic branching. Development (Cambridge), 2017, 144, 63-73. | 2.5 | 70 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Neural tube closure and embryonic metabolism. Congenital Anomalies (discontinued), 2017, 57, 134-137. | 0.6 | 8 |
| 20 | Arl8b is required for lysosomal degradation of maternal proteins in the visceral yolk sac endoderm of mouse embryos. Journal of Cell Science, 2017, 130, 3568-3577. | 2.0 | 23 |
| 21 | Rewiring of embryonic glucose metabolism via suppression of PFK-1 and aldolase during mouse chorioallantoic branching. Journal of Cell Science, 2017, 130, e1.1-e1.1. | 2.0 | 0 |
| 22 | Decreases in body temperature and body mass constitute pre-hibernation remodelling in the Syrian golden hamster, a facultative mammalian hibernator. Royal Society Open Science, 2016, 3, 160002. | 2.4 | 30 |
| 23 | Detection of LacZâ€Positive Cells in Living Tissue with Singleâ€Cell Resolution. Angewandte Chemie, 2016, 128, 9772-9776. | 2.0 | 15 |
| 24 | Detection of LacZâ€Positive Cells in Living Tissue with Singleâ€Cell Resolution. Angewandte Chemie - International Edition, 2016, 55, 9620-9624. | 13.8 | 107 |
| 25 | HIF-1Î±-PDK1 axis-induced active glycolysis plays an essential role in macrophage migratory capacity. Nature Communications, 2016, 7, 11635. | 12.8 | 233 |
| 26 | Programmed Cell Death and Caspase Functions During Neural Development. Current Topics in Developmental Biology, 2015, 114, 159-184. | 2.2 | 36 |
| 27 | Programmed Cell Death in Neurodevelopment. Developmental Cell, 2015, 32, 478-490. | 7.0 | 199 |
| 28 | Drosophila Strip serves as a platform for early endosome organization during axon elongation. Nature Communications, 2014, 5, 5180. | 12.8 | 40 |
| 29 | Single-Cell Imaging of Caspase-1 Dynamics Reveals an All-or-None Inflammasome Signaling Response. Cell Reports, 2014, 8, 974-982. | 6.4 | 130 |
| 30 | In Vivo Monitoring of Caspase Activation Using a Fluorescence Resonance Energy Transfer-Based Fluorescent Probe. Methods in Enzymology, 2014, 544, 299-325. | 1.0 | 7 |
| 31 | Contribution of Apoptosis in Cranial Neural Tube Closure Indicated by Mouse Embryo Live Imaging. , 2014, , 137-147. | | 0 |
| 32 | How to form and close the brain: insight into the mechanism of cranial neural tube closure in mammals. Cellular and Molecular Life Sciences, 2013, 70, 3171-3186. | 5.4 | 66 |
| 33 | Local Apoptosis Modulates Early Mammalian Brain Development through the Elimination of Morphogen-Producing Cells. Developmental Cell, 2013, 27, 621-634. | 7.0 | 92 |
| 34 | 1SCP-08 Cell death for life-Impact of apoptosis on morphogenesis in brain development(1SCP) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 | 0.1 | 0 |
| 35 | Live imaging of apoptosis in a novel transgenic mouse highlights its role in neural tube closure. Journal of Cell Biology, 2011, 195, 1047-1060. | 5.2 | 168 |
| 36 | Simultaneous expression of different transgenes in neurons and glia by combining in utero electroporation with the Tol2 transposonâ€mediated gene transfer system. Genes To Cells, 2010, 15, 501-512. | 1.2 | 37 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Grainyhead-related transcription factor is required for duct maturation in the salivary gland and the kidney of the mouse. Development (Cambridge), 2006, 133, 4737-4748. | 2.5 | 58 |
| 38 | Gene trap screening as an effective approach for identification of Wnt-responsive genes in the mouse embryo. Developmental Dynamics, 2005, 233, 484-495. | 1.8 | 11 |