# Tsutomu Motohashi

List of Publications by Year
in descending order



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|---|---|---|---|
| 34 papers | 808 citations | 516710 16 h-index | 501196 28 g-index |
| 34 all docs | 34 docs citations | 34 times ranked | 1036 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Generation of structures formed by lens and retinal cells differentiating from embryonic stem cells. Developmental Dynamics, 2003, 228, 664-671. | 1.8 | 108 |
| 2 | Multipotent Cell Fate of Neural Crest-Like Cells Derived from Embryonic Stem Cells. Stem Cells, 2007, 25, 402-410. | 3.2 | 76 |
| 3 | Transplantation of cells from eye-like structures differentiated from embryonic stem cells in vitro and in vivo regeneration of retinal ganglion-like cells. Graefe's Archive for Clinical and Experimental Ophthalmology, 2008, 246, 255-265. | 1.9 | 68 |
| 4 | Embryonic stem cells that differentiate into RPE cell precursors in vitro develop into RPE cell monolayers in vivo. Experimental Eye Research, 2006, 82, 265-274. | 2.6 | 61 |
| 5 | Unexpected Multipotency of Melanoblasts Isolated from Murine Skin. Stem Cells, 2009, 27, 888-897. | 3.2 | 38 |
| 6 | Tracing Sox10-expressing cells elucidates the dynamic development ofÂthe mouse inner ear. Hearing Research, 2013, 302, 17-25. | 2.0 | 36 |
| 7 | Culture method for the induction of neurospheres from mouse embryonic stem cells by coculture with PA6 stromal cells. Journal of Neuroscience Research, 2005, 80, 467-474. | 2.9 | 35 |
| 8 | Cooperative and indispensable roles of endothelin 3 and KIT signalings in melanocyte development. Developmental Dynamics, 2005, 233, 407-417. | 1.8 | 32 |
| 9 | Keratinocyte Stem Cells but Not Melanocyte Stem Cells Are the Primary Target for Radiation-Induced Hair Graying. Journal of Investigative Dermatology, 2013, 133, 2143-2151. | 0.7 | 32 |
| 10 | Early Development of Resident Macrophages in the Mouse Cochlea Depends on Yolk Sac Hematopoiesis. Frontiers in Neurology, 2019, 10, 1115. | 2.4 | 31 |
| 11 | An in vitro mouse model for retinal ganglion cell replacement therapy using eye-like structures differentiated from ES cells. Experimental Eye Research, 2007, 84, 868-875. | 2.6 | 27 |
| 12 | Extended Multipotency of Neural Crest Cells and Neural Crest-Derived Cells. Current Topics in Developmental Biology, 2015, 111, 69-95. | 2.2 | 27 |
| 13 | Induction of melanocytes from embryonic stem cells and their therapeutic potential. Pigment Cell & Melanoma Research, 2006, 19, 284-289. | 3.6 | 26 |
| 14 | Neural crest cells retain their capability for multipotential differentiation even after lineageâ€restricted stages. Developmental Dynamics, 2011, 240, 1681-1693. | 1.8 | 26 |
| 15 | The stemness of neural crest cells and their derivatives. Birth Defects Research Part C: Embryo Today Reviews, 2014, 102, 251-262. | 3.6 | 22 |
| 16 | Protective Effect of Kit Signaling for Melanocyte Stem Cells against Radiation-Induced Genotoxic Stress. Journal of Investigative Dermatology, 2011, 131, 1906-1915. | 0.7 | 21 |
| 17 | Maintenance of undifferentiated mouse embryonic stem cells in suspension by the serumâ€•and feederâ€free defined culture condition. Developmental Dynamics, 2008, 237, 2129-2138. | 1.8 | 16 |
| 18 | Neural crestâ€derived cells sustain their multipotency even after entry into their target tissues. Developmental Dynamics, 2014, 243, 368-380. | 1.8 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Increased cell surface expression of C -terminal truncated erythropoietin receptors in polycythemia. European Journal of Haematology, 2001, 67, 88-93. | 2.2 | 14 |
| 20 | Mice Transgenic for KitV620A: Recapitulation of Piebaldism but not Progressive Depigmentation Seen in Humans with this Mutation. Journal of Investigative Dermatology, 2006, 126, 1111-1118. | 0.7 | 14 |
| 21 | Characterization of the mouse interleukin-13 receptor Î±1 gene. Immunogenetics, 2000, 51, 974-981. | 2.4 | 10 |
| 22 | Functionally distinct melanocyte populations revealed by reconstitution of hair follicles in mice. Pigment Cell and Melanoma Research, 2011, 24, 125-135. | 3.3 | 10 |
| 23 | Gene array analysis of neural crest cells identifies transcription factors necessary for direct conversion of embryonic fibroblasts into neural crest cells. Biology Open, 2016, 5, 311-322. | 1.2 | 10 |
| 24 | Dual origin of melanocytes defined by <scp>S</scp>ox1 expression and their regionâ€specific distribution in mammalian skin. Development Growth and Differentiation, 2013, 55, 270-281. | 1.5 | 9 |
| 25 | Iris as a recipient tissue for pigment cells: Organized in vivo differentiation of melanocytes and pigmented epithelium derived from embryonic stem cells in vitro. Developmental Dynamics, 2008, 237, 2394-2404. | 1.8 | 8 |
| 26 | Multipotency of melanoblasts isolated from murine skin depends on the notch signal. Developmental Dynamics, 2016, 245, 460-471. | 1.8 | 7 |
| 27 | Sox10 Functions as an Inducer of the Direct Conversion of Keratinocytes Into Neural Crest Cells. Stem Cells and Development, 2020, 29, 1510-1519. | 2.1 | 7 |
| 28 | Galectin-1 enhances the generation of neural crest cells. International Journal of Developmental Biology, 2017, 61, 407-413. | 0.6 | 6 |
| 29 | Isolation and characterization of Kitâ€independent melanocyte precursors induced in the skin of Steel factor transgenic mice. Development Growth and Differentiation, 2008, 50, 63-69. | 1.5 | 5 |
| 30 | Development of Melanocytes from ES Cells. Methods in Enzymology, 2003, 365, 341-349. | 1.0 | 4 |
| 31 | Direct Conversion of Mouse Embryonic Fibroblasts into Neural Crest Cells. Methods in Molecular Biology, 2018, 1879, 307-321. | 0.9 | 3 |
| 32 | A Transmembrane Trap Method for Efficient Cloning of Genes Encoding Proteins Possessing Transmembrane Domain. Biochemical and Biophysical Research Communications, 2001, 289, 1192-1198. | 2.1 | 2 |
| 33 | Melanoblasts as Multipotent Cells in Murine Skin. Methods in Molecular Biology, 2013, 989, 183-192. | 0.9 | 1 |
| 34 | Melanoblasts as Multipotent Cells in Murine Skin. Methods in Molecular Biology, 2018, 1879, 257-266. | 0.9 | 1 |