Tsutomu Motohashi

List of Publications by Year
in descending order

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	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
2	Early Development of Resident Macrophages in the Mouse Cochlea Depends on Yolk Sac Hematopoiesis. Frontiers in Neurology, 2019, 10, 1115.	2.4	31
3	Direct Conversion of Mouse Embryonic Fibroblasts into Neural Crest Cells. Methods in Molecular Biology, 2018, 1879, 307-321.	0.9	3
4	Melanoblasts as Multipotent Cells in Murine Skin. Methods in Molecular Biology, 2018, 1879, 257-266.	0.9	1
5	Galectin-1 enhances the generation of neural crest cells. International Journal of Developmental Biology, 2017, 61, 407-413.	0.6	6
6	Multipotency of melanoblasts isolated from murine skin depends on the notch signal. Developmental Dynamics, 2016, 245, 460-471.	1.8	7
7	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
8	Extended Multipotency of Neural Crest Cells and Neural Crest-Derived Cells. Current Topics in Developmental Biology, 2015, 111, 69-95.	2.2	27
9	The stemness of neural crest cells and their derivatives. Birth Defects Research Part C: Embryo Today Reviews, 2014, 102, 251-262.	3.6	22
10	Neural crestâ€derived cells sustain their multipotency even after entry into their target tissues. Developmental Dynamics, 2014, 243, 368-380.	1.8	15
11	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
12	Melanoblasts as Multipotent Cells in Murine Skin. Methods in Molecular Biology, 2013, 989, 183-192.	0.9	1
13	Tracing Sox10-expressing cells elucidates the dynamic development ofÂthe mouse inner ear. Hearing Research, 2013, 302, 17-25.	2.0	36
14	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
15	Functionally distinct melanocyte populations revealed by reconstitution of hair follicles in mice. Pigment Cell and Melanoma Research, 2011, 24, 125-135.	3.3	10
16	Neural crest cells retain their capability for multipotential differentiation even after lineageâ€restricted stages. Developmental Dynamics, 2011, 240, 1681-1693.	1.8	26
17	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
18	Unexpected Multipotency of Melanoblasts Isolated from Murine Skin. Stem Cells, 2009, 27, 888-897.	3.2	38

#	Article	IF	Citations
19	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
20	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
21	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
22	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
23	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
24	Multipotent Cell Fate of Neural Crest-Like Cells Derived from Embryonic Stem Cells. Stem Cells, 2007, 25, 402-410.	3.2	76
25	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
26	Induction of melanocytes from embryonic stem cells and their therapeutic potential. Pigment Cell & Melanoma Research, 2006, 19, 284-289.	3.6	26
27	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
28	Cooperative and indispensable roles of endothelin 3 and KIT signalings in melanocyte development. Developmental Dynamics, 2005, 233, 407-417.	1.8	32
29	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
30	Generation of structures formed by lens and retinal cells differentiating from embryonic stem cells. Developmental Dynamics, 2003, 228, 664-671.	1.8	108
31	Development of Melanocytes from ES Cells. Methods in Enzymology, 2003, 365, 341-349.	1.0	4
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	Increased cell surface expression of C -terminal truncated erythropoietin receptors in polycythemia. European Journal of Haematology, 2001, 67, 88-93.	2.2	14
34	Characterization of the mouse interleukin-13 receptor Î±1 gene. Immunogenetics, 2000, 51, 974-981.	2.4	10