Shigeki Ohta

List of Publications by Citations

37 papers	1,641 citations	19 h-index	40 g-index
43 ext. papers	1,833 ext. citations	5.5 avg, IF	3.98 L-index

#	Paper	IF	Citations
37	Aging results in reduced epidermal growth factor receptor signaling, diminished olfactory neurogenesis, and deficits in fine olfactory discrimination. *Journal of Neuroscience*, **2004**, 24, 8354-65	6.6	431
36	Adrenomedullin stimulates two signal transduction pathways, cAMP accumulation and Ca2+ mobilization, in bovine aortic endothelial cells. *Journal of Biological Chemistry*, **1995**, 270, 4412-7	5.4	285
35	Generation of human melanocytes from induced pluripotent stem cells. *PLoS ONE*, **2011**, 6, e16182	3.7	84
34	Macrophage migration inhibitory factor (MIF) promotes cell survival and proliferation of neural stem/progenitor cells. *Journal of Cell Science*, **2012**, 125, 3210-20	5.3	67
33	Downregulation of KIF23 suppresses glioma proliferation. *Journal of Neuro-Oncology*, **2012**, 106, 519-29	4.8	66
32	Mechanism of apoptotic cell death of human gastric carcinoma cells mediated by transforming growth factor beta. *Biochemical Journal*, **1997**, 324 (Pt 3), 777-82	3.8	58
31	Molecular cloning and characterization of a transcription factor for the C-type natriuretic peptide gene promoter. *FEBS Journal*, **1996**, 242, 460-6		56
30	Autocrine and paracrine loops between cancer cells and macrophages promote lymph node metastasis via CCR4/CCL22 in head and neck squamous cell carcinoma. *International Journal of Cancer*, **2013**, 132, 2755-66	7.5	54
29	Functional analysis of HOXD9 in human gliomas and glioma cancer stem cells. *Molecular Cancer*, **2011**, 10, 60	42.1	53
28	Isolation of cancer stem-like cells from a side population of a human glioblastoma cell line, SK-MG-1. *Cancer Letters*, **2010**, 291, 150-7	9.9	49
27	Pituitary adenylate cyclase-activating polypeptide regulates forebrain neural stem cells and neurogenesis in vitro and in vivo. *Journal of Neuroscience Research*, **2006**, 84, 1177-86	4.4	46
26	MIF Maintains the Tumorigenic Capacity of Brain Tumor-Initiating Cells by Directly Inhibiting p53. *Cancer Research*, **2016**, 76, 2813-23	10.1	38
25	CHARGE syndrome modeling using patient-iPSCs reveals defective migration of neural crest cells harboring CHD7 mutations. *ELife*, **2017**, 6,	8.9	37
24	Functional recovery after spinal cord injury in mice through activation of microglia and dendritic cells after IL-12 administration. *Journal of Neuroscience Research*, **2008**, 86, 1972-80	4.4	36
23	Activation of dendritic-like cells and neural stem/progenitor cells in injured spinal cord by GM-CSF. *Neuroscience Research*, **2009**, 64, 96-103	2.9	34
22	Functional analysis of KIF20A, a potential immunotherapeutic target for glioma. *Journal of Neuro-Oncology*, **2017**, 132, 63-74	4.8	31
21	C-type natriuretic peptide stimulates secretion of growth hormone from rat-pituitary-derived GH3 cells via a cyclic-GMP-mediated pathway. *FEBS Journal*, **1994**, 222, 645-50		24

20	Downregulation of uPARAP mediates cytoskeletal rearrangements and decreases invasion and migration properties in glioma cells. *Journal of Neuro-Oncology*, **2011**, 103, 267-76	4.8	23
19	Transplantation of dendritic cells promotes functional recovery from spinal cord injury in common marmoset. *Neuroscience Research*, **2009**, 65, 384-92	2.9	20
18	CHD7 promotes proliferation of neural stem cells mediated by MIF. *Molecular Brain*, **2016**, 9, 96	4.5	19
17	Immune-resistant mechanisms in cancer immunotherapy. *International Journal of Clinical Oncology*, **2020**, 25, 810-817	4.2	17
16	Sox6 up-regulation by macrophage migration inhibitory factor promotes survival and maintenance of mouse neural stem/progenitor cells. *PLoS ONE*, **2013**, 8, e74315	3.7	16
15	Expression and localization of aging markers in lacrimal gland of chronic graft-versus-host disease. *Scientific Reports*, **2013**, 3, 2455	4.9	14
14	Generation of human melanocytes from induced pluripotent stem cells. *Methods in Molecular Biology*, **2013**, 989, 193-215	1.4	13
13	Isolation and characterization of dendritic cells from common marmosets for preclinical cell therapy studies. *Immunology*, **2008**, 123, 566-74	7.8	12
12	Adjuvant effects of formalin-inactivated HSV through activation of dendritic cells and inactivation of myeloid-derived suppressor cells in cancer immunotherapy. *International Journal of Cancer*, **2011**, 128, 119-31	7.5	10
11	Identification of a neuron-specific human gene, KIAA1110, that is a guanine nucleotide exchange factor for ARF1. *Biochemical and Biophysical Research Communications*, **2007**, 364, 737-42	3.4	10
10	Functional analysis of a novel glioma antigen, EFTUD1. *Neuro-Oncology*, **2014**, 16, 1618-29	1	7
9	A simple behavioral test for locomotor function after brain injury in mice. *Journal of Clinical Neuroscience*, **2010**, 17, 1412-6	2.2	7
8	Transcription factor homeobox D9 is involved in the malignant phenotype of cervical cancer through direct binding to the human papillomavirus oncogene promoter. *Gynecologic Oncology*, **2019**, 155, 340-348	4.9	6
7	Identification of KLRC2 as a candidate marker for brain tumor-initiating cells. *Neurological Research*, **2019**, 41, 1043-1049	2.7	4
6	A novel transcriptional factor with Ser/Thr kinase activity involved in the transforming growth factor (TGF)-β signalling pathway. *Biochemical Journal*, **2000**, 350, 395	3.8	4
5	Adoptive cell therapy using tumor-infiltrating lymphocytes for melanoma refractory to immune-checkpoint inhibitors. *Cancer Science*, **2021**, 112, 3163-3172	6.9	3
4	Improvement of Performance for Musculoskeletal Robots by Mountable Actuator Units. *Journal of Robotics and Mechatronics*, **2010**, 22, 391-401	0.7	2
3	Inhibition of vascular adhesion protein-1 enhances the anti-tumor effects of immune checkpoint inhibitors. *Cancer Science*, **2021**, 112, 1390-1401	6.9	2

2	Macrophage migration inhibitory factor (MIF) promotes cell survival and proliferation of neural stem/progenitor cells. *Development (Cambridge)*, **2012**, 139, e1908-e1908	6.6	1
1	The Potential of Using Induced Pluripotent Stem Cells in Skin Diseases223-245		