Tatsunori Sakamoto

List of Publications by Year
in descending order

66	1,640	361413	302126
papers	citations	20 h-index	39 g-index

66	66	66	1687
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Generation of neural crest-derived peripheral neurons and floor plate cells from mouse and primate embryonic stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 5828-5833.	7.1	260
2	Piezoelectric materials mimic the function of the cochlear sensory epithelium. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18390-18395.	7.1	121
3	Transplantation of mouse induced pluripotent stem cells into the cochlea. NeuroReport, 2009, 20, 1250-1254.	1.2	96
4	Topical insulin-like growth factor 1 treatment using gelatin hydrogels for glucocorticoid-resistant sudden sensorineural hearing loss: a prospective clinical trial. BMC Medicine, 2010, 8, 76.	5.5	96
5	Pharmacological inhibition of Notch signaling in the mature guinea pig cochlea. NeuroReport, 2007, 18, 1911-1914.	1.2	82
6	A randomized controlled clinical trial of topical insulin-like growth factor-1 therapy for sudden deafness refractory to systemic corticosteroid treatment. BMC Medicine, 2014, 12, 219.	5.5	78
7	Engraftment of embryonic stem cell-derived neurons into the cochlear modiolus. NeuroReport, 2005, 16, 1919-1922.	1.2	70
8	Fates of Murine Pluripotent Stem Cell-Derived Neural Progenitors following Transplantation into Mouse Cochleae. Cell Transplantation, 2012, 21, 763-771.	2.5	56
9	Limited hair cell induction from human induced pluripotent stem cells using a simple stepwise method. Neuroscience Letters, 2015, 599, 49-54.	2.1	55
10	Clinical features of sudden hearing loss associated with a high signal in the labyrinth on unenhanced T1-weighted magnetic resonance imaging. European Archives of Oto-Rhino-Laryngology, 2000, 257, 480-484.	1.6	47
11	Fates of Mouse embryonic stem cells transplanted into the inner ears of adult Mice and embryonic Chickens. Acta Oto-Laryngologica, 2004, 124, 48-52.	0.9	46
12	Sustained delivery of lidocaine into the cochlea using poly lactic/glycolic acid microparticles. Laryngoscope, 2010, 120, 377-383.	2.0	46
13	Efficacy of three-dimensional endoscopy in endonasal surgery. Auris Nasus Larynx, 2015, 42, 203-207.	1.2	42
14	Potential of embryonic stem cellâ€derived neurons for synapse formation with auditory hair cells. Journal of Neuroscience Research, 2008, 86, 3075-3085.	2.9	39
15	Transplantation of neurons derived from human iPS cells cultured on collagen matrix into guinea-pig cochleae. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1766-1778.	2.7	34
16	Stealth-nanoparticle strategy for enhancing the efficacy of steroids in mice with noise-induced hearing loss. Nanomedicine, 2010, 5, 1331-1340.	3.3	30
17	Innervation of stem cell-derived neurons into auditory epithelia of mice. NeuroReport, 2005, 16, 787-790.	1.2	29
18	Prognostic impact of salvage treatment on hearing recovery in patients with sudden sensorineural hearing loss refractory to systemic corticosteroids: A retrospective observational study. Auris Nasus Larynx, 2016, 43, 489-494.	1.2	27

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19	Audiometric Outcomes of Topical IGF1 Treatment for Sudden Deafness Refractory to Systemic Steroids. Otology and Neurotology, 2012, 33, 941-946.	1.3	26
20	Cells transplanted onto the surface of the glial scar reveal hidden potential for functional neural regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3431-40.	7.1	23
21	Traumaâ€specific insults to the cochlear nucleus in the rat. Journal of Neuroscience Research, 2012, 90, 1924-1931.	2.9	20
22	In Vivo Imaging of Mouse Cochlea by Optical Coherence Tomography. Otology and Neurotology, 2014, 35, e84-e89.	1.3	20
23	Surgical Invasiveness of Cell Transplantation into the Guinea Pig Cochlear Modiolus. Orl, 2009, 71, 32-39.	1.1	18
24	Prostaglandin E receptor subtype EP4 agonist protects cochleae against noise-induced trauma. Neuroscience, 2009, 160, 813-819.	2.3	18
25	Magnifying Endoscopy with Narrow Band Imaging to Determine the Extent of Resection in Transoral Robotic Surgery of Oropharyngeal Cancer. Case Reports in Otolaryngology, 2014, 2014, 1-4.	0.2	18
26	Inner ear drug delivery system from the clinical point of view. Acta Oto-Laryngologica, 2010, 130, 101-104.	0.9	14
27	Reprogramming of Mouse Cochlear Cells by Transcription Factors to Generate Induced Pluripotent Stem Cells. Cellular Reprogramming, 2013, 15, 514-519.	0.9	14
28	Long-term olfactory function outcomes after pituitary surgery by endoscopic endonasal transsphenoidal approach. Auris Nasus Larynx, 2020, 47, 227-232.	1.2	13
29	Intraoperative Evaluation of Cochlear Implant Electrodes Using Mobile Cone-Beam Computed Tomography. Otology and Neurotology, 2019, 40, 177-183.	1.3	12
30	Postoperative oral dysfunction following oral cancer resection and reconstruction: A preliminary cross-sectional study. Oral Oncology, 2021, 121, 105468.	1.5	12
31	Transplantation of bone marrowâ€derived neurospheres into guinea pig cochlea. Laryngoscope, 2010, 120, 576-581.	2.0	11
32	Management of labyrinthine fistulae in Kyoto University Hospital. Acta Oto-Laryngologica, 2010, 130, 16-19.	0.9	11
33	Neural connections between embryonic stem cell-derived neurons and vestibular hair cells in vitro. Brain Research, 2005, 1057, 127-133.	2.2	10
34	Organised haematoma of the sphenoid sinus mimicking a pituitary tumour. Journal of Laryngology and Otology, 2010, 124, 83-85.	0.8	10
35	The sensitivity and accuracy of a cone beam CT in detecting the chorda tympani. European Archives of Oto-Rhino-Laryngology, 2016, 273, 873-877.	1.6	10
36	Cochlear implantation in patients with prelingual hearing loss. Acta Oto-Laryngologica, 2010, 130, 4-10.	0.9	9

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37	Multivariate analysis of hearing outcomes in patients with idiopathic sudden sensorineural hearing loss. Acta Oto-Laryngologica, 2010, 130, 24-28.	0.9	9
38	The effect of pre-operative developmental delays on the speech perception of children with cochlear implants. Auris Nasus Larynx, 2013, 40, 32-35.	1.2	9
39	A minimally invasive approach for cochlear implantation using a microendoscope. European Archives of Oto-Rhino-Laryngology, 2013, 270, 477-481.	1.6	9
40	An endoscopic endonasal surgery training model using quail eggs. Laryngoscope, 2012, 122, 2154-2157.	2.0	8
41	The Outcome of Cochlear Implantation for Mitochondrial Disease Patients With Syndromic Hearing Loss. Otology and Neurotology, 2015, 36, e129-e133.	1.3	8
42	Effects of bone morphogenetic protein 4 on differentiation of embryonic stem cells into myosin VIIa-positive cells. Acta Oto-Laryngologica, 2007, 127, 36-40.	0.9	7
43	The need for intranasal packing in endoscopic endonasal surgery. Acta Oto-Laryngologica, 2010, 130, 39-42.	0.9	7
44	Peripheral facial palsy caused by neoplastic meningitis. Laryngoscope, 2014, 124, 2139-2143.	2.0	7
45	Temporal bone chondroblastoma totally invisible on MRI. Auris Nasus Larynx, 2016, 43, 468-471.	1.2	7
46	Nasal chondromesenchymal hamartoma in an adolescent. International Journal of Pediatric Otorhinolaryngology Extra, 2009, 4, 111-113.	0.1	6
47	Sphenoid esthesioneuroblastoma arising from the hindmost olfactory filament. Auris Nasus Larynx, 2015, 42, 170-172.	1.2	5
48	Development of a Subjective Symptom Rating Scale for Postoperative Oral Dysfunction in Patients with Oral Cancer: Reliability and Validity of the Postoperative Oral Dysfunction Scale-10. Diagnostics, 2021, 11, 2061.	2.6	5
49	Detection of the Petrosquamosal Sinus in Chronic Otitis Media Using Highâ€Resolution CT. Otolaryngology - Head and Neck Surgery, 2013, 149, 488-491.	1.9	4
50	Whole brain radiotherapy with volumetricâ€modulated arc therapy for pediatric intracranial embryonic carcinoma prevents permanent alopecia. Pediatric Blood and Cancer, 2017, 64, e26434.	1.5	4
51	Hair cell differentiation becomes tissue specific by E9.5 in mouse inner ear. NeuroReport, 2007, 18, 841-844.	1.2	3
52	Evaluation of Hyperbaric Oxygen Therapy for the Treatment of Sudden Hearing Loss in Both Primary and Secondary Cases. Practica Otologica, 2008, 101, 749-757.	0.0	3
53	Optical coherence tomography for observation of the olfactory epithelium in mice. Auris Nasus Larynx, 2019, 46, 230-237.	1.2	3
54	Estimation of the Degree of Endolymphatic Hydrops Using Optical Coherence Tomography. Advanced Biomedical Engineering, 2016, 5, 19-25.	0.6	3

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55	Intraoperative Cerebrospinal Fluid Leak Graded by Esposito Grade Is a Predictor for Diabetes Insipidus After Endoscopic Endonasal Pituitary Adenoma Resection. World Neurosurgery, 2022, 158, e896-e902.	1.3	3
56	Histopathological evaluation and long-term results of soft tissue preservation technique in cholesteatoma surgery. European Archives of Oto-Rhino-Laryngology, 2017, 274, 711-714.	1.6	2
57	Outcome of ossiculoplasty in Kyoto University Hospital. Acta Oto-Laryngologica, 2010, 130, 11-15.	0.9	1
58	A Case of van der Hoeve Syndrome Treated with a Partial Stapedectomy. Practica Otologica, Supplement, 2014, 140, 28-29.	0.0	1
59	3D reconstruction of cochlea using optical coherence tomography. , 2016, 2016, 5905-5908.		1
60	Two cases of congenital stapes malformation: Implications for development of the stapes footplate and the oval window. Acta Oto-Laryngologica Case Reports, 2020, 5, 91-95.	0.2	1
61	Nasal Administration of Lipopolysaccharide Exacerbates Allergic Rhinitis through Th2 Cytokine Production from Mast Cells. Allergies, 2021, 1, 216-224.	0.8	1
62	Genes related to hearing disorders. Acta Oto-Laryngologica, 2004, 124, 10-13.	0.9	0
63	Prognostic impact of salvage treatment on hearing recovery in patients with sudden sensorineural hearing loss refractory to systemic corticosteroids: A retrospective observational study. Journal of Otolaryngology of Japan, 2017, 120, 274-275.	0.1	0
64	Endoscopic Endonasal Resection of Olfactory Neuroblastomas: Our Experience. Nihon Bika Gakkai Kaishi (Japanese Journal of Rhinology), 2012, 51, 474-480.	0.0	0
65	Pluripotent Stem Cells. , 2014, , 287-303.		0
66	A Study on the Effective Corticosteroid Dose to Improve the Hearing Threshold in Patients with Idiopathic Sudden Sensorineural Hearing Loss. Practica Otologica, Supplement, 2018, 152, 4-5.	0.0	0