

Takao Imai

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,415
citations

471509

17
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all docs

59
docs citations

59
times ranked

924
citing authors

#	ARTICLE	IF	CITATIONS
1	Benign paroxysmal positional vertigo: Diagnostic criteria. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2015, 25, 105-117.	2.0	492
2	Comparing the accuracy of video-oculography and the scleral search coil system in human eye movement analysis. <i>Auris Nasus Larynx</i> , 2005, 32, 3-9.	1.2	83
3	Classification, diagnostic criteria and management of benign paroxysmal positional vertigo. <i>Auris Nasus Larynx</i> , 2017, 44, 1-6.	1.2	76
4	Natural History of Benign Paroxysmal Positional Vertigo and Efficacy of Epley and Lempert Maneuvers. <i>Otolaryngology - Head and Neck Surgery</i> , 2006, 135, 529-533.	1.9	55
5	3D analysis of benign positional nystagmus due to cupulolithiasis in posterior semicircular canal. <i>Acta Oto-Laryngologica</i> , 2009, 129, 1044-1049.	0.9	51
6	Natural course of positional vertigo in patients with apogeotropic variant of horizontal canal benign paroxysmal positional vertigo. <i>Auris Nasus Larynx</i> , 2011, 38, 2-5.	1.2	46
7	Light cupula: the pathophysiological basis of persistent geotropic positional nystagmus. <i>BMJ Open</i> , 2015, 5, e006607-e006607.	1.9	40
8	Changes in endolymphatic hydrops after sac surgery examined by Gd-enhanced MRI. <i>Acta Oto-Laryngologica</i> , 2013, 133, 924-929.	0.9	37
9	Three-Dimensional Eye Rotation Axis Analysis of Benign Paroxysmal Positioning Nystagmus. <i>Orl</i> , 2002, 64, 417-423.	1.1	33
10	Endolymphatic hydrops in Meniere's disease detected by MRI after intratympanic administration of gadolinium: Comparison with sudden deafness. <i>Acta Oto-Laryngologica</i> , 2011, 131, 602-609.	0.9	32
11	Assessment of endolymphatic hydrops and otolith function in patients with Ménière's disease. <i>European Archives of Oto-Rhino-Laryngology</i> , 2017, 274, 1413-1421.	1.6	28
12	Changes in slow phase eye velocity and time constant of positional nystagmus at transform from cupulolithiasis to canalolithiasis. <i>Acta Oto-Laryngologica</i> , 2008, 128, 22-28.	0.9	25
13	Diagnosis of the subtype and affected ear of benign paroxysmal positional vertigo using a questionnaire. <i>Acta Oto-Laryngologica</i> , 2011, 131, 1264-1269.	0.9	25
14	Three-Dimensional Analysis of Benign Paroxysmal Positional Nystagmus in a Patient with Anterior Semicircular Canal Variant. <i>Otology and Neurotology</i> , 2006, 27, 362-366.	1.3	23
15	Osteoclasts Modulate Bone Erosion in Cholesteatoma via RANKL Signaling. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2019, 20, 449-459.	1.8	23
16	Differential diagnosis of true and pseudo-bilateral benign positional nystagmus. <i>Acta Oto-Laryngologica</i> , 2008, 128, 151-158.	0.9	22
17	High-Speed Video-Oculography for Measuring Three-Dimensional Rotation Vectors of Eye Movements in Mice. <i>PLoS ONE</i> , 2016, 11, e0152307.	2.5	21
18	Does endolymphatic sac decompression surgery prevent bilateral development of unilateral Ménière disease?. <i>Laryngoscope</i> , 2014, 124, 1932-1936.	2.0	18

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19	Epiphygan is specifically expressed in cochlear supporting cells and is necessary for normal hearing. <i>Biochemical and Biophysical Research Communications</i> , 2017, 492, 379-385.	2.1	18
20	Cisplatin-induced toxicity decreases the mouse vestibulo-ocular reflex. <i>Toxicology Letters</i> , 2016, 262, 49-54.	0.8	17
21	Horizontal Canal Type BPPV: Bilaterally Affected Case Treated with Canal Plugging and Lempert's Maneuver. <i>Orl</i> , 2003, 65, 366-369.	1.1	16
22	Analysis of benign paroxysmal positional nystagmus in children. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2013, 77, 233-236.	1.0	16
23	New scoring system of an interview for the diagnosis of benign paroxysmal positional vertigo. <i>Acta Oto-Laryngologica</i> , 2016, 136, 283-288.	0.9	16
24	Clinical significance of cervical and ocular vestibular evoked myogenic potentials in benign paroxysmal positional vertigo: a meta-analysis. <i>European Archives of Oto-Rhino-Laryngology</i> , 2019, 276, 3257-3265.	1.6	16
25	Evaluation of endolymphatic hydrops using 3-T MRI after intravenous gadolinium injection. <i>European Archives of Oto-Rhino-Laryngology</i> , 2017, 274, 4103-4111.	1.6	13
26	Effects of cochlear implants on otolith function as evaluated by vestibulo-ocular reflex and vestibular evoked myogenic potentials. <i>Auris Nasus Larynx</i> , 2019, 46, 836-843.	1.2	13
27	Benign paroxysmal positional vertigo. <i>Auris Nasus Larynx</i> , 2022, 49, 737-747.	1.2	11
28	Three-dimensional analysis of otolith-ocular reflex during eccentric rotation in humans. <i>Neuroscience Research</i> , 2016, 111, 34-40.	1.9	10
29	Recovery of positional nystagmus after benign paroxysmal positional vertigo fatigue. <i>European Archives of Oto-Rhino-Laryngology</i> , 2018, 275, 2967-2973.	1.6	10
30	Fibroblast growth factor 12 is expressed in spiral and vestibular ganglia and necessary for auditory and equilibrium function. <i>Scientific Reports</i> , 2018, 8, 11491.	3.3	10
31	Paroxysmal vertigo with nystagmus in children. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2016, 88, 89-93.	1.0	9
32	Three-dimensional analysis of linear vestibulo-ocular reflex in humans during eccentric rotation while facing downwards. <i>Experimental Brain Research</i> , 2017, 235, 2575-2590.	1.5	9
33	P2X2 Receptor Deficiency in Mouse Vestibular End Organs Attenuates Vestibular Function. <i>Neuroscience</i> , 2018, 386, 41-50.	2.3	9
34	Change in endolymphatic hydrops 2 years after endolymphatic sac surgery evaluated by MRI. <i>Auris Nasus Larynx</i> , 2019, 46, 335-345.	1.2	9
35	Transient low-tone air-bone gaps during convalescence immediately after canal plugging surgery for BPPV. <i>Auris Nasus Larynx</i> , 2012, 39, 356-360.	1.2	8
36	Effects of Interval Time of the Epley Maneuver on Immediate Reduction of Positional Nystagmus: A Randomized, Controlled, Non-blinded Clinical Trial. <i>Frontiers in Neurology</i> , 2019, 10, 304.	2.4	8

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37	Gadolinium contrast-enhanced MRI reveals cystic lateral semicircular canal contents. <i>Acta Oto-Laryngologica</i> , 2015, 135, 1000-1006.	0.9	6
38	Phosphorylation of MYL12 by Myosin Light Chain Kinase Regulates Cellular Shape Changes in Cochlear Hair Cells. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2021, 22, 425-441.	1.8	6
39	Unilateral posterior canal-plugging surgery for intractable bilateral posterior canal-type benign paroxysmal positional vertigo. <i>Auris Nasus Larynx</i> , 2017, 44, 540-547.	1.2	5
40	A high jugular bulb and poor development of perivestibular aqueductal air cells are not the cause of endolymphatic hydrops in patients with Ménière's disease. <i>Auris Nasus Larynx</i> , 2018, 45, 693-701.	1.2	5
41	Visual Target Strategies in Infantile Nystagmus Patients With Horizontal Jerk Waveform. <i>Frontiers in Neurology</i> , 2018, 9, 622.	2.4	5
42	Daple deficiency causes hearing loss in adult mice by inducing defects in cochlear stereocilia and apical microtubules. <i>Scientific Reports</i> , 2021, 11, 20224.	3.3	5
43	Development of a new method for assessing otolith function in mice using three-dimensional binocular analysis of the otolith-ocular reflex. <i>Scientific Reports</i> , 2021, 11, 17191.	3.3	4
44	Platform posturography of patients with peripheral vestibular dysfunction in the non-acute phase of vertigo. <i>Auris Nasus Larynx</i> , 2021, 48, 577-582.	1.2	4
45	Differential diagnosis of apogeotropic positional nystagmus between peripheral and central lesions: Characteristics of positional nystagmus in patients with cupulolithiasis in the lateral semicircular canal. <i>Equilibrium Research</i> , 2018, 77, 592-597.	0.1	3
46	Effect of Sitting Position vs. Supine Position With the Head Turned to the Affected Side on Benign Paroxysmal Positional Vertigo Fatigue. <i>Frontiers in Neurology</i> , 2021, 12, 705034.	2.4	3
47	Pseudo-anterior canalolithiasis. <i>Acta Oto-Laryngologica</i> , 2013, 133, 594-599.	0.9	2
48	How to deal with refractory benign paroxysmal positional vertigo. <i>Equilibrium Research</i> , 2016, 75, 211-218.	0.1	2
49	Office-based differential diagnosis of transient and persistent geotropic positional nystagmus in patients with horizontal canal type of benign paroxysmal positional vertigo. <i>Acta Oto-Laryngologica</i> , 2017, 137, 265-269.	0.9	2
50	Canal Occlusion Surgery for Intractable Benign Paroxysmal Positional Vertigo. <i>Equilibrium Research</i> , 2009, 68, 193-198.	0.1	2
51	Duration of positional nystagmus in patients with horizontal canal type of benign paroxysmal positional vertigo. <i>Equilibrium Research</i> , 2015, 74, 223-227.	0.1	1
52	New diagnostic criteria for benign paroxysmal positional vertigo. <i>Equilibrium Research</i> , 2017, 76, 293-301.	0.1	1
53	Medical Education of Doctors who are not Specialists in Vestibular Disorders on the Diagnosis and Treatment of Benign Paroxysmal Positional Vertigo. <i>Journal of Otolaryngology of Japan</i> , 2017, 120, 733-739.	0.1	1
54	Three-dimensional analysis of the vestibulo-ocular reflex and the ability to distinguish the direction of centripetal acceleration in humans during eccentric rotation with the right ear facing downwards. <i>Neuroscience Research</i> , 2019, 144, 21-29.	1.9	1

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55	Effects of Centrifugal Force upon Spatial Orientation and Eye Position in Human Subjects.. Equilibrium Research, 2000, 59, 136-140.	0.1	1
56	In which cases would Schellong test perform the best in diagnosing patients with positioning vertigo?. Equilibrium Research, 2017, 76, 72-78.	0.1	0
57	Diagnosis of bilateral posterior semicircular canal type of benign paroxysmal positional vertigo in a general ENT clinic. Equilibrium Research, 2019, 78, 79-85.	0.1	0
58	Analysis of the vestibulo-ocular reflex and optokinetic nystagmus in mice for the development of new treatments for patients complaining of vertigo. Equilibrium Research, 2019, 78, 203-211.	0.1	0