

Tsutomu Nakashima

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110
papers

3,946
citations

35
h-index

58
g-index

110
ext. papers

4,466
ext. citations

3
avg, IF

4.99
L-index

#	Paper	IF	Citations
110	Visualization of endolymphatic hydrops in patients with Meniere's disease. <i>Laryngoscope</i> , 2007 , 117, 415-20	3.6	395
109	Grading of endolymphatic hydrops using magnetic resonance imaging. <i>Acta Oto-Laryngologica</i> , 2009 , 5-8	1.6	229
108	Disorders of cochlear blood flow. <i>Brain Research Reviews</i> , 2003 , 43, 17-28		163
107	Visualization of endolymphatic hydrops in Meniere's disease with single-dose intravenous gadolinium-based contrast media using heavily T(2)-weighted 3D-FLAIR. <i>Magnetic Resonance in Medical Sciences</i> , 2010 , 9, 237-42	2.9	118
106	Separate visualization of endolymphatic space, perilymphatic space and bone by a single pulse sequence; 3D-inversion recovery imaging utilizing real reconstruction after intratympanic Gd-DTPA administration at 3 Tesla. <i>European Radiology</i> , 2008 , 18, 920-4	8	118
105	Visualization of endolymphatic hydrops with MR imaging in patients with Meniere's disease and related pathologies: current status of its methods and clinical significance. <i>Japanese Journal of Radiology</i> , 2014 , 32, 191-204	2.9	102
104	Three-dimensional fluid-attenuated inversion recovery magnetic resonance imaging findings and prognosis in sudden sensorineural hearing loss. <i>Laryngoscope</i> , 2008 , 118, 1433-7	3.6	98
103	Endolymphatic hydrops and blood-labyrinth barrier in Meniere's disease. <i>Acta Oto-Laryngologica</i> , 2011 , 131, 474-9	1.6	90
102	Three-dimensional fluid-attenuated inversion recovery magnetic resonance imaging findings in patients with sudden sensorineural hearing loss. <i>Laryngoscope</i> , 2006 , 116, 1451-4	3.6	88
101	Imaging of Meniere's disease after intravenous administration of single-dose gadodiamide: utility of subtraction images with different inversion time. <i>Magnetic Resonance in Medical Sciences</i> , 2012 , 11, 213-9	2.9	85
100	Endolymphatic hydrops revealed by intravenous gadolinium injection in patients with Meniere's disease. <i>Acta Oto-Laryngologica</i> , 2010 , 130, 338-343	1.6	79
99	Imaging of endolymphatic and perilymphatic fluid at 3T after intratympanic administration of gadolinium-diethylene-triamine pentaacetic acid. <i>American Journal of Neuroradiology</i> , 2008 , 29, 724-6	4.4	76
98	Individual differences in the permeability of the round window: evaluating the movement of intratympanic gadolinium into the inner ear. <i>Otology and Neurotology</i> , 2009 , 30, 645-8	2.6	75
97	Magnetic resonance imaging of the inner ear in Meniere's disease. <i>Otolaryngologic Clinics of North America</i> , 2010 , 43, 1059-80	2	67
96	Increased sensitivity to low concentration gadolinium contrast by optimized heavily T2-weighted 3D-FLAIR to visualize endolymphatic space. <i>Magnetic Resonance in Medical Sciences</i> , 2010 , 9, 73-80	2.9	67
95	Relationship between endolymphatic hydrops and vestibular-evoked myogenic potential. <i>Acta Oto-Laryngologica</i> , 2010 , 130, 917-23	1.6	64
94	Relationship between the degree of endolymphatic hydrops and electrocochleography. <i>Audiology and Neuro-Otology</i> , 2010 , 15, 254-60	2.2	61

93	Visualization of endolymphatic hydrops in Ménière's disease after single-dose intravenous gadolinium-based contrast medium: timing of optimal enhancement. <i>Magnetic Resonance in Medical Sciences</i> , 2012 , 11, 43-51	2.9	53
92	Endolymphatic hydrops revealed by magnetic resonance imaging in patients with acute low-tone sensorineural hearing loss. <i>Otology and Neurotology</i> , 2013 , 34, 1241-6	2.6	51
91	Imaging of endolymphatic and perilymphatic fluid after intravenous administration of single-dose gadodiamide. <i>Magnetic Resonance in Medical Sciences</i> , 2012 , 11, 145-50	2.9	50
90	Comparison of contrast effect on the cochlear perilymph after intratympanic and intravenous gadolinium injection. <i>American Journal of Neuroradiology</i> , 2012 , 33, 773-8	4.4	49
89	Idiopathic sudden sensorineural hearing loss in Japan. <i>Acta Oto-Laryngologica</i> , 2014 , 134, 1158-63	1.6	46
88	Imaging endolymphatic hydrops at 3 tesla using 3D-FLAIR with intratympanic Gd-DTPA administration. <i>Magnetic Resonance in Medical Sciences</i> , 2008 , 7, 85-91	2.9	46
87	Endolymphatic space size in patients with vestibular migraine and Ménière's disease. <i>Journal of Neurology</i> , 2014 , 261, 2079-84	5.5	45
86	3 Tesla magnetic resonance imaging obtained 4 hours after intravenous gadolinium injection in patients with sudden deafness. <i>Acta Oto-Laryngologica</i> , 2010 , 130, 665-9	1.6	45
85	Clinical significance of endolymphatic imaging after intratympanic gadolinium injection. <i>Acta Oto-Laryngologica</i> , 2009 , 9-14	1.6	45
84	MR imaging of the cochlear modiolus: area measurement in healthy subjects and in patients with a large endolymphatic duct and sac. <i>Radiology</i> , 1999 , 213, 819-23	20.5	45
83	Endolymphatic hydrops revealed by magnetic resonance imaging in patients with atypical Meniere's disease. <i>Acta Oto-Laryngologica</i> , 2013 , 133, 123-9	1.6	44
82	Endolymphatic hydrops in superior canal dehiscence and large vestibular aqueduct syndromes. <i>Laryngoscope</i> , 2016 , 126, 1446-50	3.6	43
81	Increased signal intensity of the cochlea on pre- and post-contrast enhanced 3D-FLAIR in patients with vestibular schwannoma. <i>Neuroradiology</i> , 2009 , 51, 855-63	3.2	39
80	Three-dimensional fluid-attenuated inversion recovery magnetic resonance imaging investigation of inner ear disturbances in cases of middle ear cholesteatoma with labyrinthine fistula. <i>Otology and Neurotology</i> , 2007 , 28, 1029-33	2.6	37
79	Inner ear hemorrhage in systemic lupus erythematosus. <i>Laryngoscope</i> , 2006 , 116, 826-8	3.6	37
78	MR imaging of the inner ear: comparison of a three-dimensional fast spin-echo sequence with use of a dedicated quadrature-surface coil with a gadolinium-enhanced spoiled gradient-recalled sequence. <i>Radiology</i> , 1998 , 208, 679-85	20.5	37
77	Image evaluation of endolymphatic space in fluctuating hearing loss without vertigo. <i>European Archives of Oto-Rhino-Laryngology</i> , 2009 , 266, 1871-7	3.5	36
76	Imaging of the endolymphatic space in patients with Ménière's disease. <i>Auris Nasus Larynx</i> , 2018 , 45, 33-38	2.2	35

75	Association between endolymphatic hydrops as revealed by magnetic resonance imaging and caloric response. <i>Otology and Neurotology</i> , 2011 , 32, 1480-5	2.6	35
74	Cutting edge of inner ear MRI. <i>Acta Oto-Laryngologica</i> , 2009 , 15-21	1.6	34
73	Tympanometric findings in patients with enlarged vestibular aqueducts. <i>Laryngoscope</i> , 2002 , 112, 1642-6	6.6	34
72	Phenotypes associated with replacement of His by Arg in the Pendred syndrome gene. <i>European Journal of Endocrinology</i> , 2001 , 145, 697-703	6.5	34
71	Imaging of Ménière disease after intravenous administration of single-dose gadodiamide: utility of multiplication of MR cisternography and HYDROPS image. <i>Magnetic Resonance in Medical Sciences</i> , 2013 , 12, 63-8	2.9	33
70	Endolymphatic hydrops in patients with vestibular schwannoma: visualization by non-contrast-enhanced 3D FLAIR. <i>Neuroradiology</i> , 2011 , 53, 1009-15	3.2	33
69	A perspective from magnetic resonance imaging findings of the inner ear: Relationships among cerebrospinal, ocular and inner ear fluids. <i>Auris Nasus Larynx</i> , 2012 , 39, 345-55	2.2	32
68	Imaging of Ménière disease by subtraction of MR cisternography from positive perilymph image. <i>Magnetic Resonance in Medical Sciences</i> , 2012 , 11, 303-9	2.9	30
67	Endolymphatic hydrops revealed by intravenous gadolinium injection in patients with Ménière disease. <i>Acta Oto-Laryngologica</i> , 2010 , 130, 338-43	1.6	30
66	3D-FLAIR magnetic resonance imaging in the evaluation of mumps deafness. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2006 , 70, 2115-7	1.7	29
65	Magnetic resonance imaging of the inner ear after both intratympanic and intravenous gadolinium injections. <i>Acta Oto-Laryngologica</i> , 2013 , 133, 434-8	1.6	28
64	Imaging analysis in cases with inflammation-induced sensorineural hearing loss. <i>Acta Oto-Laryngologica</i> , 2009 , 129, 239-43	1.6	28
63	MR imaging of Ménière disease after combined intratympanic and intravenous injection of gadolinium using HYDROPS2. <i>Magnetic Resonance in Medical Sciences</i> , 2014 , 13, 133-7	2.9	27
62	Endolymphatic space imaging in patients with delayed endolymphatic hydrops. <i>Acta Oto-Laryngologica</i> , 2009 , 129, 1169-74	1.6	27
61	Gadolinium distribution in cochlear perilymph: differences between intratympanic and intravenous gadolinium injection. <i>Neuroradiology</i> , 2012 , 54, 1161-9	3.2	26
60	Three-dimensional (3D) visualization of endolymphatic hydrops after intratympanic injection of Gd-DTPA: optimization of a 3D-real inversion-recovery turbo spin-echo (TSE) sequence and application of a 32-channel head coil at 3T. <i>Journal of Magnetic Resonance Imaging</i> , 2010 , 31, 210-4	5.6	26
59	Contrast-enhanced MR imaging of the endolymphatic sac in patients with sudden hearing loss. <i>European Radiology</i> , 2002 , 12, 1121-6	8	25
58	Endolymphatic hydrops in patients with unilateral and bilateral Meniere disease. <i>Acta Oto-Laryngologica</i> , 2017 , 137, 23-28	1.6	24

57	Anatomical details of the brainstem and cranial nerves visualized by high resolution readout-segmented multi-shot echo-planar diffusion-weighted images using unidirectional MPG at 3T. <i>Magnetic Resonance in Medical Sciences</i> , 2011 , 10, 269-75	2.9	24
56	Contrast enhancement of the inner ear in magnetic resonance images taken at 10 minutes or 4 hours after intravenous gadolinium injection. <i>Acta Oto-Laryngologica</i> , 2012 , 132, 241-6	1.6	24
55	Peak width in multifrequency tympanometry and endolymphatic hydrops revealed by magnetic resonance imaging. <i>Otology and Neurotology</i> , 2012 , 33, 912-5	2.6	24
54	Contrast enhancement of the anterior eye segment and subarachnoid space: detection in the normal state by heavily T2-weighted 3D FLAIR. <i>Magnetic Resonance in Medical Sciences</i> , 2011 , 10, 193-9	2.9	22
53	Communication between cochlear perilymph and cerebrospinal fluid through the cochlear modiolus visualized after intratympanic administration of Gd-DTPA. <i>Radiation Medicine</i> , 2008 , 26, 597-602		21
52	3D-FLAIR MRI findings in a patient with Ramsay Hunt syndrome. <i>Acta Oto-Laryngologica</i> , 2007 , 127, 547-9.6		21
51	Magnetic Resonance Imaging Evaluation of Endolymphatic Hydrops in Cases With Otosclerosis. <i>Otology and Neurotology</i> , 2015 , 36, 1146-50	2.6	20
50	Accuracy of 3.0 Tesla magnetic resonance imaging in the diagnosis of intracochlear schwannoma. <i>Auris Nasus Larynx</i> , 2011 , 38, 551-4	2.2	20
49	Detection of presumed hemorrhage in the ampullar endolymph of the semicircular canal: a case report. <i>Magnetic Resonance in Medical Sciences</i> , 2009 , 8, 187-91	2.9	20
48	Three-dimensional fluid-attenuated inversion recovery magnetic resonance imaging findings in a patient with cochlear otosclerosis. <i>Auris Nasus Larynx</i> , 2008 , 35, 269-72	2.2	20
47	Changes in endolymphatic hydrops in patients with Meniere's disease treated conservatively for more than 1 year. <i>Acta Oto-Laryngologica</i> , 2015 , 135, 866-70	1.6	19
46	3D-FLAIR MRI in facial nerve paralysis with and without audio-vestibular disorder. <i>Acta Oto-Laryngologica</i> , 2010 , 130, 632-6	1.6	19
45	Effects of anterior inferior cerebellar artery occlusion on cochlear blood flow--a comparison between laser-Doppler and microsphere methods. <i>Hearing Research</i> , 2001 , 162, 85-90	3.9	19
44	¹⁸ F-FDG-PET/CT predicts survival in hypopharyngeal squamous cell carcinoma. <i>Annals of Nuclear Medicine</i> , 2013 , 27, 297-302	2.5	17
43	Comparison of computed tomography and magnetic resonance imaging for evaluation of cholesteatoma with labyrinthine fistulae. <i>Laryngoscope</i> , 2012 , 122, 1121-5	3.6	17
42	Changes in endolymphatic hydrops in a patient with Meniere's disease observed using magnetic resonance imaging. <i>Auris Nasus Larynx</i> , 2010 , 37, 220-2	2.2	17
41	Influence of dietary iodine deficiency on the thyroid gland in Slc26a4-null mutant mice. <i>Thyroid Research</i> , 2011 , 4, 10	2.4	16
40	Sudden sensorineural hearing loss associated with inner ear anomaly. <i>Otology and Neurotology</i> , 2005 , 26, 241-6	2.6	16

39	Endolymphatic hydrops in patients with tinnitus as the major symptom. <i>European Archives of Oto-Rhino-Laryngology</i> , 2013 , 270, 3043-8	3.5	15
38	Visualization of endolymphatic hydrops after intratympanic injection of Gd-DTPA: comparison of 2D and 3D real inversion recovery imaging. <i>Magnetic Resonance in Medical Sciences</i> , 2011 , 10, 101-6	2.9	15
37	Cochlear blood flow during occlusion and reperfusion of the anterior inferior cerebellar artery--effect of topical application of dexamethasone to the round window. <i>Acta Oto-Laryngologica</i> , 2009 , 129, 127-31	1.6	15
36	Audiological signs in pediatric cases with dehiscence of the bony labyrinth caused by a high jugular bulb. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2012 , 76, 447-51	1.7	14
35	Simultaneous three-dimensional visualization of the intra-parotid facial nerve and parotid duct using a three-dimensional reversed FISP sequence with diffusion weighting. <i>Magnetic Resonance in Medical Sciences</i> , 2010 , 9, 153-8	2.9	14
34	Contrast-enhanced MRI of the inner ear after intratympanic injection of meglumine gadopentetate or gadodiamide hydrate. <i>Acta Oto-Laryngologica</i> , 2011 , 131, 130-5	1.6	13
33	Blood flow to the promontory in cochlear otosclerosis. <i>Clinical Otolaryngology</i> , 2006 , 31, 110-5		13
32	Prompt contrast enhancement of cerebrospinal fluid space in the fundus of the internal auditory canal: observations in patients with meningeal diseases on 3D-FLAIR images at 3 Tesla. <i>Magnetic Resonance in Medical Sciences</i> , 2006 , 5, 151-5	2.9	13
31	Prognostic value of (18)F-fluorodeoxyglucose uptake before treatment for pharyngeal cancer. <i>Annals of Nuclear Medicine</i> , 2014 , 28, 356-62	2.5	12
30	Contrast enhancement of the inner ear after intravenous administration of a standard or double dose of gadolinium contrast agents. <i>Acta Oto-Laryngologica</i> , 2011 , 131, 1025-31	1.6	12
29	Estimation of gadolinium-induced T1-shortening with measurement of simple signal intensity ratio between the cochlea and brain parenchyma on 3D-FLAIR: correlation with T1 measurement by TI scout sequence. <i>Magnetic Resonance in Medical Sciences</i> , 2010 , 9, 17-22	2.9	11
28	Response of cochlear blood flow to prostaglandin E1 applied topically to the round window. <i>Acta Oto-Laryngologica</i> , 2006 , 126, 232-6	1.6	11
27	Lateral semicircular canal and vertigo in patients with large vestibular aqueduct syndrome. <i>Otology and Neurotology</i> , 2006 , 27, 788-92	2.6	11
26	Laryngeal sensation and pharyngeal delay time after (chemo)radiotherapy. <i>European Archives of Oto-Rhino-Laryngology</i> , 2014 , 271, 2299-304	3.5	10
25	Numerical assessment of cholesteatoma by signal intensity on non-EP-DWI and ADC maps. <i>Otology and Neurotology</i> , 2014 , 35, 1007-10	2.6	10
24	MR imaging of the cochlear modiolus after intratympanic administration of Gd-DTPA. <i>Magnetic Resonance in Medical Sciences</i> , 2010 , 9, 23-9	2.9	10
23	Signal alteration of the cochlear perilymph on 3 different sequences after intratympanic Gd-DTPA administration at 3 tesla: comparison of 3D-FLAIR, 3D-T1-weighted imaging, and 3D-CISS. <i>Magnetic Resonance in Medical Sciences</i> , 2010 , 9, 65-71	2.9	10
22	Enlarged endolymphatic duct and sac syndrome: relationship between MR findings and genotype of mutation in Pendred syndrome gene. <i>Magnetic Resonance Imaging</i> , 2004 , 22, 25-30	3.3	10

21	Imaging of a congenital perilymphatic fistula. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2003 , 67, 421-5	1.7	10
20	Magnetic resonance imaging evaluation of endolymphatic hydrops and post-operative findings in cases with otosclerosis. <i>Acta Oto-Laryngologica</i> , 2017 , 137, 242-245	1.6	9
19	Endolymphatic hydrops of the labyrinth visualized on noncontrast MR imaging: a case report. <i>Magnetic Resonance in Medical Sciences</i> , 2009 , 8, 43-6	2.9	9
18	Cochlear modiolus and lateral semicircular canal in sudden deafness. <i>Acta Oto-Laryngologica</i> , 2007 , 127, 1157-61	1.6	8
17	Progressive hearing loss following acquired cytomegalovirus infection in an immunocompromised child. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2013 , 34, 89-92	2.8	7
16	Evaluation of vascular activity in otosclerosis by laser Doppler flowmetry: comparison with computed tomographic densitometry. <i>Otology and Neurotology</i> , 2013 , 34, 1559-63	2.6	6
15	Magnetic resonance imaging of endolymphatic sac in acute low-tone sensorineural hearing loss without vertigo. <i>Orl</i> , 2003 , 65, 254-60	2	6
14	Estimation of perilymph enhancement after intratympanic administration of Gd-DTPA by fast T ₂ mapping with a dual flip angle 3D spoiled gradient echo sequence. <i>Magnetic Resonance in Medical Sciences</i> , 2013 , 12, 223-8	2.9	5
13	Cochlear blood flow and speech perception ability in cochlear implant users. <i>Otology and Neurotology</i> , 2012 , 33, 165-8	2.6	5
12	Contrast enhancement of the cochlear aqueduct in MR imaging: its frequency and clinical significance. <i>Neuroradiology</i> , 2003 , 45, 626-30	3.2	3
11	Expression of midkine in the cochlea. <i>Hearing Research</i> , 2001 , 160, 10-4	3.9	3
10	Olfactory Function in Persons with Cerebral Palsy. <i>Journal of Policy and Practice in Intellectual Disabilities</i> , 2019 , 16, 217-222	1.8	2
9	Gustatory function in persons with cerebral palsy. <i>Journal of Oral Rehabilitation</i> , 2020 , 47, 523-527	3.4	1
8	Visualization of white matter tracts using a non-diffusion weighted magnetic resonance imaging method: does intravenous gadolinium injection four hours prior to the examination affect the visualization of white matter tracts?. <i>PLoS ONE</i> , 2014 , 9, e91860	3.7	1
7	In Reference to Visualization of Endolymphatic Hydrops in Patients With Meniere's Disease. <i>Laryngoscope</i> , 2008 , 118, 946-947	3.6	1
6	Effect of an enlarged endolymphatic duct on bone conduction threshold. <i>Acta Oto-Laryngologica</i> , 2008 , 128, 534-8	1.6	1
5	Olfactory and gustatory dysfunction caused by SARS-CoV-2: Comparison with cases of infection with influenza and other viruses. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 42, 113-114	2	1
4	Longitudinal associations between hearing aid usage and cognition in community-dwelling Japanese older adults with moderate hearing loss. <i>PLoS ONE</i> , 2021 , 16, e0258520	3.7	0

3	Dietary habits and medical examination findings in Japanese adults middle-aged or older who live alone. <i>Nutrition</i> , 2021 , 89, 111268	4.8	o
2	Imaging findings in a case with cholesteatoma in complete aural atresia. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2010 , 31, 297-9	2.8	
1	Cerumen impaction shown by brain magnetic resonance imaging in patients with cognitive impairment. <i>Geriatrics and Gerontology International</i> , 2016 , 16, 392-5	2.9	