Arata Horii

List of Publications by Year in descending order

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172457 243625 2,605 129 29 44 citations h-index g-index papers 132 132 132 1928 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Long-Term Effects of Permanent Vestibular Lesions on Hippocampal Spatial Firing. Journal of Neuroscience, 2003, 23, 6490-6498.	3.6	174
2	Lesions of the Vestibular System Disrupt Hippocampal Theta Rhythm in the Rat. Journal of Neurophysiology, 2006, 96, 4-14.	1.8	109
3	The effects of vestibular lesions on hippocampal function in rats. Progress in Neurobiology, 2005, 75, 391-405.	5.7	85
4	Bilateral peripheral vestibular lesions produce long-term changes in spatial learning in the rat. Journal of Vestibular Research: Equilibrium and Orientation, 2003, 13, 9-16.	2.0	82
5	Histaminergic Modulation of Hippocampal Acetylcholine Release In Vivo. Journal of Neurochemistry, 1994, 62, 2275-2282.	3.9	81
6	Vestibular influences on CA1 neurons in the rat hippocampus: an electrophysiological study in vivo. Experimental Brain Research, 2004, 155, 245-250.	1.5	71
7	Neuropharmacology of Motion Sickness and Emesis: A review. Acta Oto-Laryngologica, 1993, 113, 10-15.	0.9	66
8	Effects of fluvoxamine on anxiety, depression, and subjective handicaps of chronic dizziness patients with or without neuro-otologic diseases. Journal of Vestibular Research: Equilibrium and Orientation, 2007, 17, 1-8.	2.0	64
9	Prognostic Factors of Peripheral Facial Palsy. Otology and Neurotology, 2011, 32, 1031-1036.	1.3	63
10	Steroid effects on vestibular compensation in human. Neurological Research, 2003, 25, 287-291.	1.3	53
11	MéniÃ"re's Disease Is Associated with Single Nucleotide Polymorphisms in the Human Potassium Channel Genes, <i>KCNE1</i> and <i>KCNE3</i> . Orl, 2005, 67, 289-293.	1.1	53
12	Damage to the vestibular inner ear causes long-term changes in neuronal nitric oxide synthase expression in the rat hippocampus. Neuroscience, 2001, 105, 1-5.	2.3	51
13	A Validated Questionnaire to Assess the Severity of Persistent Postural-Perceptual Dizziness (PPPD): The Niigata PPPD Questionnaire (NPQ). Otology and Neurotology, 2019, 40, e747-e752.	1.3	49
14	Paroxetine, a Selective Serotonin Reuptake Inhibitor, Reduces Depressive Symptoms and Subjective Handicaps in Patients with Dizziness. Otology and Neurotology, 2004, 25, 536-543.	1.3	47
15	Histamine Release From the Hypothalamus Induced by Gravity Change in Rats and Space Motion Sickness. Physiology and Behavior, 1997, 61, 883-887.	2.1	46
16	The effect of visual-vestibulosomatosensory conflict induced by virtual reality on postural stability in humans. Journal of Medical Investigation, 2013, 60, 236-239.	0.5	46
17	Intractable Benign Paroxysmal Positioning Vertigo. Otology and Neurotology, 2010, 31, 250-255.	1.3	45
18	Microbiomes of the normal middle ear and ears with chronic otitis media. Laryngoscope, 2017, 127, E371-E377.	2.0	44

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19	Glutamatergic regulation of histamine release from rat hypothalamus. European Journal of Pharmacology, 1992, 213, 189-192.	3.5	42
20	Light cupula: the pathophysiological basis of persistent geotropic positional nystagmus. BMJ Open, 2015, 5, e006607-e006607.	1.9	40
21	Comprehensive microbiome analysis of tonsillar crypts in IgA nephropathy. Nephrology Dialysis Transplantation, 2017, 32, gfw343.	0.7	40
22	Changes in endolymphatic hydrops after sac surgery examined by Gd-enhanced MRI. Acta Oto-Laryngologica, 2013, 133, 924-929.	0.9	37
23	Periodontal Disease Bacteria Specific to Tonsil in IgA Nephropathy Patients Predicts the Remission by the Treatment. PLoS ONE, 2014, 9, e81636.	2.5	35
24	Quantitative changes in gene expression of glutamate receptor subunits/subtypes in the vestibular nucleus, inferior olive and flocculus before and following unilateral labyrinthectomy in the rat: real-time quantitative PCR method. Experimental Brain Research, 2001, 139, 188-200.	1.5	34
25	Fos induction in the amygdala by vestibular information during hypergravity stimulation. Brain Research, 2003, 986, 114-123.	2.2	32
26	Tinnitus as a prognostic factor of sudden deafness. Acta Oto-Laryngologica, 2010, 130, 79-83.	0.9	32
27	Endolymphatic hydrops in Meniere's disease detected by MRI after intratympanic administration of gadolinium: Comparison with sudden deafness. Acta Oto-Laryngologica, 2011, 131, 602-609.	0.9	32
28	Bilateral peripheral vestibular lesions produce long-term changes in spatial learning in the rat. Journal of Vestibular Research: Equilibrium and Orientation, 2003, 13, 9-16.	2.0	32
29	Quantitative changes in mRNA expression of glutamate receptors in the rat peripheral and central vestibular systems following hypergravity. Journal of Neurochemistry, 2002, 81, 1308-1317.	3.9	31
30	Microarray analysis of gene expression in the rat vestibular nucleus complex following unilateral vestibular deafferentation. Journal of Neurochemistry, 2004, 91, 975-982.	3.9	28
31	Application of real-time quantitative polymerase chain reaction to quantification of glutamate receptor gene expression in the vestibular brainstem and cerebellum. Brain Research Protocols, 2002, 9, 77-83.	1.6	27
32	Auditory cortical field coding long-lasting tonal offsets in mice. Scientific Reports, 2016, 6, 34421.	3.3	27
33	Diagnosis of the subtype and affected ear of benign paroxysmal positional vertigo using a questionnaire. Acta Oto-Laryngologica, 2011, 131, 1264-1269.	0.9	25
34	Lower Airway Inflammation in Eosinophilic Chronic Rhinosinusitis as Determined by Exhaled Nitric Oxide. International Archives of Allergy and Immunology, 2017, 173, 225-232.	2.1	25
35	Vestibular modulation of plasma vasopressin levels in rats. Brain Research, 2001, 914, 179-184.	2.2	24
36	Assessment of parotid masses: which MR pulse sequences are optimal?. European Journal of Radiology, 1997, 24, 206-215.	2.6	23

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37	Plasma Vasopressin and V2 Receptor in the Endolymphatic Sac in Patients With Delayed Endolymphatic Hydrops. Otology and Neurotology, 2009, 30, 812-819.	1.3	23
38	Prognostic predictors of sudden sensorineural hearing loss in defibrinogenation therapy. Acta Oto-Laryngologica, 2016, 136, 271-276.	0.9	23
39	Effects of unilateral labyrinthectomy on GAD, GAT1 and GABA receptor gene expression in the rat vestibular nucleus. NeuroReport, 2003, 14, 2359-2363.	1.2	22
40	Magnetic resonance imaging of syringocystadenoma papilliferum of the external auditory canal. Auris Nasus Larynx, 2006, 33, 53-56.	1.2	21
41	Long-term results of endolymphatic sac drainage with local steroids for intractable Meniere's disease. Auris Nasus Larynx, 2013, 40, 425-430.	1.2	21
42	Psychiatric comorbidities and use of milnacipran in patients with chronic dizziness. Journal of Vestibular Research: Equilibrium and Orientation, 2016, 26, 335-340.	2.0	20
43	Effects of hypergravity on morphology and osteopontin expression in the rat otolith organs. Journal of Vestibular Research: Equilibrium and Orientation, 2000, 10, 283-289.	2.0	19
44	Accessory parotid gland tumor: a case report. Auris Nasus Larynx, 1997, 24, 105-110.	1,2	18
45	Does endolymphatic sac decompression surgery prevent bilateral development of unilateral Ménière disease?. Laryngoscope, 2014, 124, 1932-1936.	2.0	18
46	Impaired spatial learning after hypergravity exposure in rats. Cognitive Brain Research, 2004, 22, 94-100.	3.0	17
47	Pre-operative assessment of metastatic parotid tumors. Auris Nasus Larynx, 1998, 25, 277-283.	1.2	16
48	Horizontal Canal Type BPPV: Bilaterally Affected Case Treated with Canal Plugging and Lempert's Maneuver. Orl, 2003, 65, 366-369.	1.1	16
49	Microarray analysis of tonsils in immunoglobulin A nephropathy patients. Biochemical and Biophysical Research Communications, 2010, 393, 565-570.	2.1	16
50	Psychological condition in patients with an acoustic tumor. Acta Oto-Laryngologica, 2012, 133, 42-46.	0.9	16
51	Head Roll-Tilt Subjective Visual Vertical Test in the Diagnosis of Persistent Postural-Perceptual Dizziness. Otology and Neurotology, 2021, 42, e1618-e1624.	1.3	16
52	A Ground-Based Animal Model of Space Adaptation Syndrome. Journal of Vestibular Research: Equilibrium and Orientation, 1996, 6, 403-409.	2.0	15
53	Effects of hypergravity on histamine H1 receptor mRNA expression in hypothalamus and brainstem of rats: implications for development of motion sickness. Acta Oto-Laryngologica, 2009, 129, 45-51.	0.9	15
54	Psychological condition in patients with intractable Meniere's disease. Acta Oto-Laryngologica, 2013, 133, 584-589.	0.9	15

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55	Chronic Otitis Media With Cholesteatoma With Canal Fistula and Bone Conduction Threshold After Tympanoplasty With Mastoidectomy. Otology and Neurotology, 2014, 35, 981-988.	1.3	15
56	Somatosensory shift of postural control in dizzy patients. Acta Oto-Laryngologica, 2015, 135, 925-930.	0.9	15
57	Vestibular Involvement in Patients With Otitis Media With Antineutrophil Cytoplasmic Antibody-associated Vasculitis. Otology and Neurotology, 2017, 38, 97-101.	1.3	15
58	Subtypes of Persistent Postural-Perceptual Dizziness. Frontiers in Neurology, 2021, 12, 652366.	2.4	15
59	Expression of Musashi1, a neural RNA-binding protein, in the cochlea of young adult mice. Neuroscience Letters, 2004, 354, 201-204.	2.1	14
60	Changes in mitochondrial uncoupling protein expression in the rat vestibular nerve after labyrinthectomy. Neuroscience Research, 2007, 59, 237-242.	1.9	14
61	A case of apogeotropic nystagmus with brainstem lesion: An implication for mechanism of central apogeotropic nystagmus. Auris Nasus Larynx, 2010, 37, 742-746.	1.2	14
62	Effects of cooling the pharyngeal mucosa after bipolar scissors tonsillectomy on postoperative pain. Acta Oto-Laryngologica, 2011, 131, 764-768.	0.9	14
63	Effects of endolymphatic sac decompression surgery on endolymphatic hydrops. Acta Oto-Laryngologica, 2013, 133, 1292-1296.	0.9	13
64	CD16+CD56+ cells are a potential culprit for hematuria in IgA nephropathy. Clinical and Experimental Nephrology, 2015, 19, 216-224.	1.6	13
65	Evaluation of endolymphatic hydrops using 3-T MRI after intravenous gadolinium injection. European Archives of Oto-Rhino-Laryngology, 2017, 274, 4103-4111.	1.6	13
66	Molecular diversity of clustered protocadherin-α required for sensory integration and short-term memory in mice. Scientific Reports, 2018, 8, 9616.	3.3	13
67	Differences in NOS protein expression and activity in the rat vestibular nucleus following unilateral labyrinthectomy. Molecular Brain Research, 2001, 88, 166-170.	2.3	12
68	Magnetic resonance imaging of pleomorphic adenoma arising from the external auditory canal. Journal of Laryngology and Otology, 2003, 117, 908-909.	0.8	12
69	Factors Relating to the Vertigo Control and Hearing Changes Following Intratympanic Gentamicin for Intractable Ménière's Disease. Otology and Neurotology, 2006, 27, 896-900.	1.3	12
70	Endolymphatic sac tumor with overexpression of V2 receptor mRNA and inner ear hydrops. Acta Oto-Laryngologica, 2011, 131, 951-957.	0.9	12
71	Functional expression of TRPV1 and TRPA1 in rat vestibular ganglia. Neuroscience Letters, 2013, 552, 92-97.	2.1	11
72	Long-term prognosis of hearing loss in patients with unilateral Ménière's disease. Acta Oto-Laryngologica, 2014, 134, 1005-1010.	0.9	11

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73	Anxiety, depression, and persistent postural perceptual dizziness:International classification of vestibular disorders by $BA_ir\tilde{A}_i$ ny Society. Equilibrium Research, 2017, 76, 316-322.	0.1	11
74	Changes in Fos Expression in the Rat Brainstem after Bilateral Labyrinthectomy. Acta Oto-Laryngologica, 2002, 122, 620-626.	0.9	10
75	Immunocytochemical and stereological analysis of GABAB receptor subunit expression in the rat vestibular nucleus following unilateral vestibular deafferentation. Brain Research, 2005, 1037, 107-113.	2.2	10
76	Fosâ€enkephalin signaling in the rat medial vestibular nucleus facilitates vestibular compensation. Journal of Neuroscience Research, 2006, 83, 1573-1583.	2.9	10
77	Low-tone air-bone gaps after endolymphatic sac surgery. Auris Nasus Larynx, 2011, 38, 178-184.	1,2	10
78	Is Vestibular Meniere's Disease Associated With Endolymphatic Hydrops?. Frontiers in Surgery, 2020, 7, 601692.	1.4	10
79	Warthin's tumor of the parotid gland with extension into the parapharyngeal space. European Journal of Radiology, 1997, 24, 227-229.	2.6	9
80	Intracranial vertebral artery dissection mimicking acute peripheral vertigo. Acta Oto-Laryngologica, 2006, 126, 170-173.	0.9	9
81	Unilateral vestibular deafferentation-induced changes in calcium signaling-related molecules in the rat vestibular nuclear complex. Brain Research, 2007, 1138, 129-135.	2.2	9
82	Benign paroxysmal positional vertigo showing sequential translations of four types of nystagmus. Auris Nasus Larynx, 2012, 39, 544-548.	1.2	9
83	5-HT3 receptor expression in the mouse vestibular ganglion. Brain Research, 2014, 1557, 74-82.	2.2	9
84	Change in endolymphatic hydrops 2 years after endolymphatic sac surgery evaluated by MRI. Auris Nasus Larynx, 2019, 46, 335-345.	1.2	9
85	Transient low-tone air-bone gaps during convalescence immediately after canal plugging surgery for BPPV. Auris Nasus Larynx, 2012, 39, 356-360.	1.2	8
86	Effects of Endolymphatic Sac Decompression Surgery on Vertigo and Hearing in Patients With Bilateral Ménià re's Disease. Otology and Neurotology, 2014, 35, 1852-1857.	1.3	8
87	Implication of substance P neuronal system in the amygdala as a possible mechanism for hypergravity-induced motion sickness. Brain Research, 2012, 1435, 91-98.	2.2	7
88	Effects of Covering Surgical Wounds with Polyglycolic Acid Sheets for Posttonsillectomy Pain. Otolaryngology - Head and Neck Surgery, 2016, 155, 876-878.	1.9	7
89	Histological detection of dynamic glial responses in the dysmyelinating Tabby-jimpy mutant brain. Anatomical Science International, 2018, 93, 119-127.	1.0	7
90	Rat Model of Ménière's Attack: Intratympanic Injection of Potassium Chloride Produces Direction-Changing Spontaneous Nystagmus and Hearing Fluctuations. Audiology and Neuro-Otology, 2019, 24, 217-223.	1.3	7

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91	3D analysis of spontaneous upbeat nystagmus in a patient with astrocytoma in cerebellum. Auris Nasus Larynx, 2012, 39, 216-219.	1.2	6
92	Gadolinium contrast-enhanced MRI reveals cystic lateral semicircular canal contents. Acta Oto-Laryngologica, 2015, 135, 1000-1006.	0.9	6
93	Hippocampal gene expression, serum cortisol level, and spatial memory in rats exposed to hypergravity. Journal of Vestibular Research: Equilibrium and Orientation, 2017, 27, 209-215.	2.0	6
94	Motion Sickness Induced by Sinusoidal Linear Acceleration in Rats. Acta Oto-Laryngologica, 1993, 113, 31-33.	0.9	5
95	Endolymphatic hydrops as a cause of audio-vestibular manifestations in relapsing polychondritis. Acta Oto-Laryngologica, 2006, 126, 548-552.	0.9	5
96	A high jugular bulb and poor development of perivestibular aqueductal air cells are not the cause of endolymphatic hydrops in patients with MéniÃ"re's disease. Auris Nasus Larynx, 2018, 45, 693-701.	1.2	5
97	Functional Expression of an Osmosensitive Cation Channel, Transient Receptor Potential Vanilloid 4, in Rat Vestibular Ganglia. Audiology and Neuro-Otology, 2016, 21, 268-274.	1.3	4
98	Involvement of anxiety and depressive disorder. Equilibrium Research, 2008, 67, 251-255.	0.1	4
99	Primary thyroid lymphoma associated with metastatic thyroid tumor: Discrimination with US. European Journal of Ultrasound: Official Journal of the European Federation of Societies for Ultrasound in Medicine and Biology, 1998, 7, 199-203.	1.3	3
100	Vestibular type of Mondini anomalies with BPPV and Meniere's disease-like symptoms. Auris Nasus Larynx, 2009, 36, 218-220.	1.2	3
101	Changes in beta-2 adrenergic receptor and AMP-activated protein kinase alpha-2 subunit in the rat vestibular nerve after labyrinthectomy. Neuroscience Research, 2012, 72, 221-226.	1.9	3
102	Nerve Integrity Monitor Responses to Direct Facial Nerve Stimulation During Facial Nerve Decompression Surgery Can Predict Postoperative Outcomes. Otology and Neurotology, 2020, 41, 704-708.	1.3	3
103	Effects of powerful sound stimulation on postural stability in humans. Equilibrium Research, 2009, 68, 21-27.	0.1	3
104	Comparison of the Effects on Meniere's Symptoms and Medication Compliance between Isosorbid-liquid and Isosorbid-jelly. Equilibrium Research, 2008, 67, 307-310.	0.1	3
105	Vestibular Compensation after Vestibular Neuronitis in Elderly Patients. Equilibrium Research, 2008, 67, 506-511.	0.1	2
106	Pseudo-anterior canalolithiasis. Acta Oto-Laryngologica, 2013, 133, 594-599.	0.9	2
107	Effects of repeated optic flow stimulation on gait termination in humans. Acta Oto-Laryngologica, 2013, 133, 246-252.	0.9	2
108	Office-based differential diagnosis of transient and persistent geotropic positional nystagmus in patients with horizontal canal type of benign paroxysmal positional vertigo. Acta Oto-Laryngologica, 2017, 137, 265-269.	0.9	2

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109	Effects of Antidepressants on Persistent Postural-Perceptual Dizziness (PPPD). Journal of Otolaryngology of Japan, 2021, 124, 998-1004.	0.1	2
110	Canal Occlusion Surgery for Intractable Benign Paroxysmal Positional Vertigo. Equilibrium Research, 2009, 68, 193-198.	0.1	2
111	Effect of Dupilumab on Depression in Asthma with Eosinophilic Chronic Rhinosinusitis in the Japanese Population. International Archives of Allergy and Immunology, 2022, 183, 289-297.	2.1	2
112	Changes in Plasma Inner Ear Hormones after Endolymphatic Sac Drainage and Steroid-instillation Surgery (EDSS). Journal of Otolaryngology of Japan, 2002, 105, 557-563.	0.1	1
113	Two cases of spinal cord extramedullary tumor with positional vertiginous sensation. Acta Oto-Laryngologica, 2009, 129, 50-52.	0.9	1
114	Microarray Analysis of Tonsils of IgA Nephropathy Patients. Advances in Oto-Rhino-Laryngology, 2011, 72, 75-78.	1.6	1
115	Stress-associated vertigo/dizziness. Equilibrium Research, 2016, 75, 33-40.	0.1	1
116	Comparative study of anti-vertiginous and anti-anxious drugs for the treatment of chronic vestibular patients with secondary anxiety. Acta Oto-Laryngologica, 2019, 139, 593-597.	0.9	1
117	Associative responses to visual shape stimuli in the mouse auditory cortex. PLoS ONE, 2019, 14, e0223242.	2.5	1
118	Bronchial and nasal responsiveness in atopic asthma and allergic rhinitis patients: Relationship of local responsiveness to cytokine production by peripheral blood mononuclear cells. Allergology International, 1998, 47, 45-51.	3.3	0
119	3 Splice. , 2008, , 1-1.		0
120	Effects of unilateral sinonasal surgery on sleep-disordered breathing. Acta Oto-Laryngologica, 2019, 139, 777-782.	0.9	0
121	Carotid blowout—a rare but fatal complication of endoscopic submucosal dissection of superficial hypopharyngeal carcinoma after radiotherapy. Auris Nasus Larynx, 2022, 49, 152-156.	1.2	0
122	Psychological test. Equilibrium Research, 2021, 80, 261-263.	0.1	0
123	Compliance with their medication in Ménière's patients taking isosorbide liquid and the degree of dizziness handicaps comparison between bottled and packed products. Equilibrium Research, 2010, 69, 96-101.	0.1	0
124	Toward unifying CCRT regimens for head and neck cancer in Niigata prefecture. Japanese Journal of Head and Neck Cancer, 2016, 42, 70-75.	0.1	0
125	Consonant discrimination scores and recognition errors in adults with cochlear implants―Findings of Japanese speech recognition tests (Cl2004)―. Audiology Japan, 2018, 61, 65-72.	0.1	0
126	Combined Endonasal Endoscopic and Microscopic Surgery for Asymptomatic Sphenoid Sinus Meningoencephalocele. Nihon Bika Gakkai Kaishi (Japanese Journal of Rhinology), 2021, 60, 559-565.	0.0	0

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127	A Case of Suspected Mucosal Contact Point Headache Treated Successfully by Surgery. Nihon Jibi Inkoka Tokeibu Geka Gakkai Kaiho, 2021, 124, 1609-1613.	0.1	0
128	Spatial Disorientation and Its Implication of Vertigo and Vertigo-Induced Vomiting. Practica Otologica, Supplement, 2022, 158, 72-81.	0.0	0
129	Central Processing of Vestibular Information in Relation to Spatial Orientation. Practica Otologica, Supplement, 2022, 158, 62-71.	0.0	0