Hans-Peter Zenner

List of Publications by Year
in descending order

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Version: 2024-02-01

48	2,086	218677	243625
papers	citations	26 h-index	44 g-index

49	49	49	1490
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Randomized, double blind, placebo controlled trial on the safety and efficacy of continuous intratympanic dexamethasone delivered via a round window catheter for severe to profound sudden idiopathic sensorineural hearing loss after failure of systemic therapy. Laryngoscope, 2009, 119, 359-369.	2.0	143
2	Suppression of distortion product otoacoustic emissions (DPOAE) near 2f1â^'f2 removes DP-gram fine structureâ€"Evidence for a secondary generator. Journal of the Acoustical Society of America, 1998, 103, 1527-1531.	1.1	117
3	A multidisciplinary systematic review of the treatment for chronic idiopathic tinnitus. European Archives of Oto-Rhino-Laryngology, 2017, 274, 2079-2091.	1.6	117
4	The effect of anti-diuretic hormone on the endolymphatic sac of the inner ear. Pflugers Archiv European Journal of Physiology, 1998, 436, 970-975.	2.8	111
5	Thyroid hormone is a critical determinant for the regulation of the cochlear motor protein prestin. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2901-2906.	7.1	107
6	Evidence that phosphoinositides mediate motility in cochlear outer hair cells. Hearing Research, 1987, 31, 155-159.	2.0	89
7	A Changing Pattern of Brain-Derived Neurotrophic Factor Expression Correlates with the Rearrangement of Fibers during Cochlear Development of Rats and Mice. Journal of Neuroscience, 1999, 19, 3033-3042.	3.6	89
8	Evidence for active, nonlinear, negative feedback in the vibration response of the apical region of the in-vivo guinea-pig cochlea. Hearing Research, 2000, 142, 159-183.	2.0	86
9	Active movements of the cuticular plate induce sensory hair motion in mammalian outer hair cells. Hearing Research, 1988, 34, 233-239.	2.0	73
10	Active radial and transverse motile responses of outer hair cells in the organ of corti. Hearing Research, 1990, 43, 219-230.	2.0	69
11	Evidence for Opening of Hair-Cell Transducer Channels after Tip-Link Loss. Journal of Neuroscience, 1998, 18, 6748-6756.	3.6	65
12	Three-Dimensional Motion of the Organ of Corti. Biophysical Journal, 2000, 78, 2285-2297.	0.5	64
13	Outcomes research analysis of continuous intratympanic glucocorticoid delivery in patients with acute severe to profound hearing loss: Basis for planning randomized controlled trials. Acta Oto-Laryngologica, 2005, 125, 830-839.	0.9	64
14	Thyroid Hormone-deficient Period Prior to the Onset of Hearing Is Associated with Reduced Levels of Î²-Tectorin Protein in the Tectorial Membrane. Journal of Biological Chemistry, 2001, 276, 39046-39052.	3.4	63
15	Distinct thyroid hormone-dependent expression of trkB and p75NGFR in nonneuronal cells during the critical TH-dependent period of the cochlea. Journal of Neurobiology, 1999, 38, 338-356.	3.6	57
16	Aquaporin-mediated fluid regulation in the inner ear. Cellular and Molecular Neurobiology, 2003, 23, 315-329.	3.3	56
17	Cochlear Pharmacokinetics with Local Inner Ear Drug Delivery Using a Three-Dimensional Finite-Element Computer Model. Audiology and Neuro-Otology, 2007, 12, 37-48.	1.3	55
18	Differential expression of trkB.T1 and trkB.T2, truncated trkC, and p75NGFR in the cochlea prior to hearing function. Journal of Comparative Neurology, 1999, 414, 33-49.	1.6	53

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19	Speech-in-noise intelligibility does not correlate with efferent olivocochlear reflex in humans with normal hearing. Acta Oto-Laryngologica, 2008, 128, 53-60.	0.9	53
20	Synaptophysin and Gap-43 proteins in efferent fibers of the inner ear during postnatal development. Developmental Brain Research, 1995, 89, 73-86.	1.7	52
21	Outer Hair Cells as Fast and Slow Cochlear Amplifiers with a Bidirectional Transduction Cycle. Acta Oto-Laryngologica, 1988, 105, 457-462.	0.9	50
22	Technical Note on Microcatheter Implantation for Local Inner Ear Drug Delivery. Otology and Neurotology, 2006, 27, 912-917.	1.3	47
23	High frequency radial movements of the reticular lamina induced by outer hair cell motility. Hearing Research, 1992, 60, 236-246.	2.0	43
24	Comparative study of visual, auditory, and olfactory function in Usher syndrome. Graefe's Archive for Clinical and Experimental Ophthalmology, 1999, 237, 301-307.	1.9	33
25	Cognitive tinnitus sensitization: Behavioral and neurophysiological aspects of tinnitus centralization. Acta Oto-Laryngologica, 2004, 124, 436-439.	0.9	31
26	Conditions for Highly Efficient and Reproducible Round-Window Stimulation in Humans. Audiology and Neuro-Otology, 2012, 17, 133-138.	1.3	29
27	Motile Responses of Vestibular Hair Cells Following Caloric, Electrical or Chemical Stimuli. Acta Oto-Laryngologica, 1991, 111, 291-297.	0.9	25
28	Characteristics of the travelling wave in the low-frequency region of a temporal-bone preparation of the guinea-pig cochlea. Hearing Research, 2000, 142, 184-202.	2.0	24
29	Controlled round-window stimulation in human temporal bones yielding reproducible and functionally relevant stapedial responses. Hearing Research, 2011, 282, 272-282.	2.0	24
30	Acute gentamicin ototoxicity in cochlear outer hair cells of the guinea pig. Brain Research, 1994, 636, 153-156.	2.2	21
31	Sound-induced displacement responses in the plane of the organ of Corti in the isolated guinea-pig cochlea. Hearing Research, 1995, 83, 142-150.	2.0	20
32	Standardized tinnitus-specific individual cognitive-behavioral therapy: A controlled outcome study with 286 tinnitus patients. Hearing Research, 2013, 298, 117-125.	2.0	20
33	The cell potential of isolated inner hair cells in vitro. Hearing Research, 1990, 45, 87-93.	2.0	18
34	Hyposmotic stimulation-induced nitric oxide production in outer hair cells of the guinea pig cochlea. Hearing Research, 2007, 230, 93-104.	2.0	17
35	Concept and evaluation of an endaurally insertable middle-ear implant. Medical Engineering and Physics, 2013, 35, 532-536.	1.7	16
36	Frequency response of mature guinea-pig outer hair cells to stereociliary displacement. Hearing Research, 1994, 77, 116-124.	2.0	15

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37	Remarks about the depth resolution of heterodyne interferometers in cochlear investigations. Journal of the Acoustical Society of America, 2001, 110, 1725-1728.	1.1	15
38	A second Middle Eastern kindred with autosomal recessive non-syndromic hearing loss segregates DFNB9. European Journal of Human Genetics, 1998, 6, 341-344.	2.8	14
39	Low-coherence fibre heterodyne interferometer for both dc and high-frequency vibration measurements in the inner ear. Journal of Modern Optics, 1998, 45, 765-775.	1.3	11
40	Molecular characterization of anion exchangers in the cochlea. Molecular and Cellular Biochemistry, 2000, 205, 25-37.	3.1	9
41	Hyposmotic stimulation-induced nitric oxide production in outer hair cells of the guinea pig cochlea. Hearing Research, 2007, 227, 59-70.	2.0	8
42	Caloric Evoked Motile Responses of Mammalian Vestibular Sensory Cells. Acta Oto-Laryngologica, 1995, 115, 484-487.	0.9	5
43	MECHANISMS OF COUPLING THE ELECTROMECHANICAL FORCES OF THE OUTER HAIR CELLS INTO THE COCHLEAR PARTITION. , 2000, , .		2
44	Immunological Aspects of Tonsils and of Tonsillitis. Acta Oto-Laryngologica, 1988, 105, 70-74.	0.9	1
45	<title>Laser interferometric measurement of the micromechanics of the inner ear</title>. , 1995, , .		1
46	Response to Randomized, Double Blind, Placebo Controlled Trial on the Safety and Efficacy of Continuous Intratympanic Dexamethasone Delivered Via a Round Window Catheter for Severe to Profound Sudden Idiopathic Sensorineural Hearing Loss After Failure of Systemic Therapy (Laryngoscope 119:359â€“369, 2009). Laryngoscope, 2009, 119, 2481-2482.	2.0	1
47	Townes-Brocks Syndrome. , 2009, , 2092-2094.		0
48	Implantability of endaurally insertable active vibratory middle-ear implants â€“ an anatomical study. Acta Oto-Laryngologica, 2019, 139, 561-566.	0.9	0