

Arne Ernst

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,244
citations

331670

21
h-index

395702

33
g-index

66
all docs

66
docs citations

66
times ranked

1189
citing authors

#	ARTICLE	IF	CITATIONS
1	A static sound source can improve postural stability during walking. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2021, 31, 143-149.	2.0	7
2	Balance Training With Vibrotactile Neurofeedback and Ginkgo Biloba Extract in Age-Related Vertigo. <i>Frontiers in Neurology</i> , 2021, 12, 691917.	2.4	3
3	Neuroprotective Effect of Near-Infrared Light in an Animal Model of CI Surgery. <i>Audiology and Neuro-Otology</i> , 2021, 26, 95-101.	1.3	2
4	Auditory influence on postural control during stance tasks in different acoustic conditions. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2020, 29, 287-294.	2.0	9
5	Can hearing amplification improve presbyvestibulopathy and/or the risk-to-fall ?. <i>European Archives of Oto-Rhino-Laryngology</i> , 2020, 278, 2689-2694.	1.6	12
6	The aftermath of tinnitus-inducing inner ear damage for auditory brainstem responses and MEMR imaging of central brain activity in the rat. <i>Hearing, Balance and Communication</i> , 2020, 18, 225-233.	0.4	1
7	Comparison of a Mid Scala and a Perimodiolar Electrode in Adults: Performance, Impedances, and Psychophysics. <i>Otology and Neurotology</i> , 2020, 41, 467-475.	1.3	4
8	The development of active middle ear implants: A historical perspective and clinical outcomes. <i>Laryngoscope Investigative Otolaryngology</i> , 2018, 3, 394-404.	1.5	10
9	Acute Noise Exposure Is Associated With Intrinsic Apoptosis in Murine Central Auditory Pathway. <i>Frontiers in Neuroscience</i> , 2018, 12, 312.	2.8	13
10	Cochlear implants and 1.5T MRI scans: the effect of diametrically bipolar magnets and screw fixation on pain. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2018, 47, 11.	1.9	21
11	Apoptosis in the cochlear nucleus and inferior colliculus upon repeated noise exposure. <i>Noise and Health</i> , 2018, 20, 223.	0.5	3
12	Apoptotic mechanisms after repeated noise trauma in the mouse medial geniculate body and primary auditory cortex. <i>Experimental Brain Research</i> , 2017, 235, 3673-3682.	1.5	9
13	Pain Free 3 T MRI Scans in Cochlear Implantees. <i>Otology and Neurotology</i> , 2017, 38, e401-e404.	1.3	44
14	Antivertiginous drug therapy does not hinder the efficacy of individualized vibrotactile neurofeedback training for vestibular rehabilitation – a randomized trial. <i>International Journal of Rehabilitation Research</i> , 2017, 40, 333-338.	1.3	9
15	Cochlear implant electrode sealing techniques and related intracochlear pressure changes. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2017, 46, 40.	1.9	5
16	Time course of cell death due to acoustic overstimulation in the mouse medial geniculate body and primary auditory cortex. <i>Noise and Health</i> , 2017, 19, 133.	0.5	7
17	Systematic Review of VSB in C/M Hearing Loss. <i>Journal of Laryngology and Otology</i> , 2016, 130, S31-S32.	0.8	0
18	Central Nervous Activity upon Systemic Salicylate Application in Animals with Kanamycin-Induced Hearing Loss - A Manganese-Enhanced MRI (MEMRI) Study. <i>PLoS ONE</i> , 2016, 11, e0153386.	2.5	10

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19	MRI scanning in patients implanted with a round window or stapes coupled floating mass transducer of the Vibrant Soundbridge. <i>Acta Oto-Laryngologica</i> , 2016, 136, 241-244.	0.9	10
20	Safety and effectiveness of the Vibrant Soundbridge in treating conductive and mixed hearing loss: A systematic review. <i>Laryngoscope</i> , 2016, 126, 1451-1457.	2.0	54
21	What Could Posturography Tell Us About Balance Problems in Parkinson's Disease?. <i>Otology and Neurotology</i> , 2016, 37, e326-e331.	1.3	6
22	Hearing Preservation With a Midscalar Electrode Comparison of a Regular and Steroid/Pressure Optimized Surgical Approach in Patients With Residual Hearing. <i>Otology and Neurotology</i> , 2016, 37, e349-e352.	1.3	10
23	Bilateral Changes of Spontaneous Activity Within the Central Auditory Pathway Upon Chronic Unilateral Intracochlear Electrical Stimulation. <i>Otology and Neurotology</i> , 2015, 36, 1759-1765.	1.3	5
24	MRI Artifacts and Cochlear Implant Positioning at 3 T In Vivo. <i>Otology and Neurotology</i> , 2015, 36, 972-976.	1.3	63
25	Relationship between intracochlear electrode position and tinnitus in cochlear implantees. <i>Acta Oto-Laryngologica</i> , 2015, 135, 781-785.	0.9	6
26	Acute and Long-Term Effects of Noise Exposure on the Neuronal Spontaneous Activity in Cochlear Nucleus and Inferior Colliculus Brain Slices. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	25
27	Age-dependent changes of calcium related activity in the central auditory pathway. <i>Experimental Gerontology</i> , 2014, 58, 235-243.	2.8	13
28	Is posturography able to identify fallers in patients with Parkinson's disease?. <i>Gait and Posture</i> , 2014, 40, 53-57.	1.4	33
29	Vibrotactile neurofeedback balance training in patients with Parkinson's disease: Reducing the number of falls. <i>Gait and Posture</i> , 2013, 37, 195-200.	1.4	120
30	Multi-stage surgery for airway patency after metallic stent removal in benign laryngotracheal airway disease in two adolescents. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2013, 77, 857-862.	1.0	1
31	Round Window Membrane Insertion With Perimodiolar Cochlear Implant Electrodes. <i>Otology and Neurotology</i> , 2013, 34, 1027-1032.	1.3	24
32	Identification and revision of a displaced cochlear implant electrode in the internal auditory canal. <i>Cochlear Implants International</i> , 2013, 14, 236-239.	1.2	8
33	Mobile Posturography. <i>Otology and Neurotology</i> , 2013, 34, 288-297.	1.3	33
34	Radiological Control of the Floating Mass Transducer Attached to the Round Window. <i>Scientific World Journal</i> , The, 2013, 2013, 1-6.	2.1	4
35	Apoptotic Cascades in the Central Auditory Pathway after Noise Exposure. <i>Journal of Neurotrauma</i> , 2012, 29, 1249-1254.	3.4	30
36	Sound-Induced Vertigo After Cochlear Implantation. <i>Otology and Neurotology</i> , 2012, 33, 335-342.	1.3	29

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37	Advances to Electrode Pullback in Cochlear Implant Surgery. Scientific World Journal, The, 2012, 2012, 1-4.	2.1	5
38	The possible impact of noise-induced Ca ²⁺ -dependent activity in the central auditory pathway: A manganese-enhanced MRI study. NeuroImage, 2011, 57, 190-197.	4.2	24
39	Evaluation of Central Auditory Discrimination Abilities in Older Adults. Frontiers in Aging Neuroscience, 2011, 3, 6.	3.4	14
40	Efficacy of a Vibrotactile Neurofeedback Training in Stance and Gait Conditions for the Treatment of Balance Deficits. Otology and Neurotology, 2011, 32, 1492-1499.	1.3	67
41	Magnet Resonance Imaging Safety of the Vibrant Soundbridge System. Otology and Neurotology, 2011, 32, 1040-1046.	1.3	24
42	Selection and placement of oral ventilation tubes based on tracheal morphometry. Laryngoscope, 2011, 121, 1225-1230.	2.0	33
43	MRI scanning in patients implanted with a vibrant soundbridge. Laryngoscope, 2011, 121, 1532-1535.	2.0	23
44	Helix electrode pull back: electrophysiology and surgical results. Cochlear Implants International, 2011, 12, S73-S75.	1.2	7
45	The Effect of Pulling Out Cochlear Implant Electrodes on Inner Ear Microstructures: A Temporal Bone Study. International Journal of Otolaryngology, 2011, 2011, 1-4.	0.9	6
46	MRI safety of the floating mass transducer. Cochlear Implants International, 2011, 12, S133-S135.	1.2	1
47	Audiological outcome of the pull-back technique in cochlear implantees. Laryngoscope, 2010, 120, 1391-1396.	2.0	23
48	Vestibular changes after cochlear implantation in children. International Journal of Pediatric Otorhinolaryngology, 2010, 74, 105.	1.0	3
49	Differential Impact of Temporary and Permanent Noise-Induced Hearing Loss on Neuronal Cell Density in the Mouse Central Auditory Pathway. Journal of Neurotrauma, 2010, 27, 1499-1507.	3.4	65
50	Magnetic Resonance Imaging Safety of the Floating Mass Transducer. Otology and Neurotology, 2010, 31, 1435-1440.	1.3	10
51	Evaluation of cochlear implant electrode position after a modified round window insertion by means of a 64-multislice CT. Acta Oto-Laryngologica, 2009, 129, 966-970.	0.9	19
52	Iatrogenic tracheal rupture in children: A retrospective study. Laryngoscope, 2009, 119, 571-575.	2.0	21
53	Oropharyngeal findings of endoscopic examination in swallowing disorders of neurological origin. European Archives of Oto-Rhino-Laryngology, 2008, 265, 963-970.	1.6	11
54	Effects of salicylate application on the spontaneous activity in brain slices of the mouse cochlear nucleus, medial geniculate body and primary auditory cortex. Hearing Research, 2008, 240, 42-51.	2.0	31

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55	Tracheal rupture in burns – A retrospective study. Burns, 2008, 34, 525-530.	1.9	7
56	Regulation of connexons composed of human connexin26 (hCx26) by temperature. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 1206-1212.	2.6	13
57	Vestibular rehabilitation by auditory feedback in otolith disorders. Gait and Posture, 2008, 28, 397-404.	1.4	54
58	Short-term rehabilitation of patients with posttraumatic otolith disorders by auditory feedback training: A pilot study. Journal of Vestibular Research: Equilibrium and Orientation, 2008, 17, 137-144.	2.0	11
59	Characterization of age-related changes in vestibular evoked myogenic potentials. Journal of Vestibular Research: Equilibrium and Orientation, 2008, 17, 93-98.	2.0	41
60	Stance performance under different sensorimotor conditions in patients with post-traumatic otolith disorders. Journal of Vestibular Research: Equilibrium and Orientation, 2007, 17, 25-31.	2.0	18
61	Short-term rehabilitation of patients with posttraumatic otolith disorders by auditory feedback training: a pilot study. Journal of Vestibular Research: Equilibrium and Orientation, 2007, 17, 137-44.	2.0	9
62	Noise-induced cell death in the mouse medial geniculate body and primary auditory cortex. Neuroscience Letters, 2005, 381, 199-204.	2.1	58