Arne Ernst

List of Publications by Year
in descending order

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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	Vibrotactile neurofeedback balance training in patients with Parkinson's disease: Reducing the number of falls. Gait and Posture, 2013, 37, 195-200.	1.4	120
2	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
3	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
4	MRI Artifacts and Cochlear Implant Positioning at 3 T In Vivo. Otology and Neurotology, 2015, 36, 972-976.	1.3	63
5	Noise-induced cell death in the mouse medial geniculate body and primary auditory cortex. Neuroscience Letters, 2005, 381, 199-204.	2.1	58
6	Vestibular rehabilitation by auditory feedback in otolith disorders. Gait and Posture, 2008, 28, 397-404.	1.4	54
7	Safety and effectiveness of the <scp>V</scp>ibrant <scp>S</scp>oundbridge in treating conductive and mixed hearing loss: A systematic review. Laryngoscope, 2016, 126, 1451-1457.	2.0	54
8	Pain Free 3 T MRI Scans in Cochlear Implantees. Otology and Neurotology, 2017, 38, e401-e404.	1.3	44
9	Characterization of age-related changes in vestibular evoked myogenic potentials. Journal of Vestibular Research: Equilibrium and Orientation, 2008, 17, 93-98.	2.0	41
10	Selection and placement of oral ventilation tubes based on tracheal morphometry. Laryngoscope, 2011, 121, 1225-1230.	2.0	33
11	Mobile Posturography. Otology and Neurotology, 2013, 34, 288-297.	1.3	33
12	Is posturography able to identify fallers in patients with Parkinson's disease?. Gait and Posture, 2014, 40, 53-57.	1.4	33
13	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
14	Apoptotic Cascades in the Central Auditory Pathway after Noise Exposure. Journal of Neurotrauma, 2012, 29, 1249-1254.	3.4	30
15	Sound-Induced Vertigo After Cochlear Implantation. Otology and Neurotology, 2012, 33, 335-342.	1.3	29
16	Acute and Long-Term Effects of Noise Exposure on the Neuronal Spontaneous Activity in Cochlear Nucleus and Inferior Colliculus Brain Slices. BioMed Research International, 2014, 2014, 1-8.	1.9	25
17	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
18	Magnet Resonance Imaging Safety of the Vibrant Soundbridge System. Otology and Neurotology, 2011, 32, 1040-1046.	1.3	24

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19	Round Window Membrane Insertion With Perimodiolar Cochlear Implant Electrodes. Otology and Neurotology, 2013, 34, 1027-1032.	1.3	24
20	Audiological outcome of the pullâ€back technique in cochlear implantees. Laryngoscope, 2010, 120, 1391-1396.	2.0	23
21	MRI scanning in patients implanted with a vibrant soundbridge. Laryngoscope, 2011, 121, 1532-1535.	2.0	23
22	Iatrogenic tracheal rupture in children: A retrospective study. Laryngoscope, 2009, 119, 571-575.	2.0	21
23	Cochlear implants and 1.5ÂT MRI scans: the effect of diametrically bipolar magnets and screw fixation on pain. Journal of Otolaryngology - Head and Neck Surgery, 2018, 47, 11.	1.9	21
24	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
25	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
26	Evaluation of Central Auditory Discrimination Abilities in Older Adults. Frontiers in Aging Neuroscience, 2011, 3, 6.	3.4	14
27	Regulation of connexons composed of human connexin26 (hCx26) by temperature. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 1206-1212.	2.6	13
28	Age-dependent changes of calcium related activity in the central auditory pathway. Experimental Gerontology, 2014, 58, 235-243.	2.8	13
29	Acute Noise Exposure Is Associated With Intrinsic Apoptosis in Murine Central Auditory Pathway. Frontiers in Neuroscience, 2018, 12, 312.	2.8	13
30	Can hearing amplification improve presbyvestibulopathy and/or the risk-to-fall ?. European Archives of Oto-Rhino-Laryngology, 2020, 278, 2689-2694.	1.6	12
31	Oropharyngeal findings of endoscopic examination in swallowing disorders of neurological origin. European Archives of Oto-Rhino-Laryngology, 2008, 265, 963-970.	1.6	11
32	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
33	Central Nervous Activity upon Systemic Salicylate Application in Animals with Kanamycin-Induced Hearing Loss - A Manganese-Enhanced MRI (MEMRI) Study. PLoS ONE, 2016, 11, e0153386.	2.5	10
34	MRI scanning in patients implanted with a round window or stapes coupled floating mass transducer of the Vibrant Soundbridge. Acta Oto-Laryngologica, 2016, 136, 241-244.	0.9	10
35	Hearing Preservation With a Midscalar Electrode Comparison of a Regular and Steroid/Pressure Optimized Surgical Approach in Patients With Residual Hearing. Otology and Neurotology, 2016, 37, e349-e352.	1.3	10
36	The development of active middle ear implants: A historical perspective and clinical outcomes. Laryngoscope Investigative Otolaryngology, 2018, 3, 394-404.	1.5	10

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37	Magnetic Resonance Imaging Safety of the Floating Mass Transducer. Otology and Neurotology, 2010, 31, 1435-1440.	1.3	10
38	Apoptotic mechanisms after repeated noise trauma in the mouse medial geniculate body and primary auditory cortex. Experimental Brain Research, 2017, 235, 3673-3682.	1.5	9
39	Antivertiginous drug therapy does not hinder the efficacy of individualized vibrotactile neurofeedback training for vestibular rehabilitation â€“ a randomized trial. International Journal of Rehabilitation Research, 2017, 40, 333-338.	1.3	9
40	Auditory influence on postural control during stance tasks in different acoustic conditions. Journal of Vestibular Research: Equilibrium and Orientation, 2020, 29, 287-294.	2.0	9
41	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
42	Identification and revision of a displaced cochlear implant electrode in the internal auditory canal. Cochlear Implants International, 2013, 14, 236-239.	1.2	8
43	Tracheal rupture in burnsâ€”A retrospective study. Burns, 2008, 34, 525-530.	1.9	7
44	Helix electrode pull back: electrophysiology and surgical results. Cochlear Implants International, 2011, 12, S73-S75.	1.2	7
45	A static sound source can improve postural stability during walking. Journal of Vestibular Research: Equilibrium and Orientation, 2021, 31, 143-149.	2.0	7
46	Time course of cell death due to acoustic overstimulation in the mouse medial geniculate body and primary auditory cortex. Noise and Health, 2017, 19, 133.	0.5	7
47	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
48	Relationship between intracochlear electrode position and tinnitus in cochlear implantees. Acta Oto-Laryngologica, 2015, 135, 781-785.	0.9	6
49	What Could Posturography Tell Us About Balance Problems in Parkinson's Disease?. Otology and Neurotology, 2016, 37, e326-e331.	1.3	6
50	Advances to Electrode Pullback in Cochlear Implant Surgery. Scientific World Journal, The, 2012, 2012, 1-4.	2.1	5
51	Bilateral Changes of Spontaneous Activity Within the Central Auditory Pathway Upon Chronic Unilateral Intracochlear Electrical Stimulation. Otology and Neurotology, 2015, 36, 1759-1765.	1.3	5
52	Cochlear implant electrode sealing techniques and related intracochlear pressure changes. Journal of Otolaryngology - Head and Neck Surgery, 2017, 46, 40.	1.9	5
53	Radiological Control of the Floating Mass Transducer Attached to the Round Window. Scientific World Journal, The, 2013, 2013, 1-6.	2.1	4
54	Comparison of a Mid Scala and a Perimodiolar Electrode in Adults: Performance, Impedances, and Psychophysics. Otology and Neurotology, 2020, 41, 467-475.	1.3	4

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55	Vestibular changes after cochlear implantation in children. International Journal of Pediatric Otorhinolaryngology, 2010, 74, 105.	1.0	3
56	Apoptosis in the cochlear nucleus and inferior colliculus upon repeated noise exposure. Noise and Health, 2018, 20, 223.	0.5	3
57	Balance Training With Vibrotactile Neurofeedback and Ginkgo Biloba Extract in Age-Related Vertigo. Frontiers in Neurology, 2021, 12, 691917.	2.4	3
58	Neuroprotective Effect of Near-Infrared Light in an Animal Model of CI Surgery. Audiology and Neuro-Otology, 2021, 26, 95-101.	1.3	2
59	MRI safety of the floating mass transducer. Cochlear Implants International, 2011, 12, S133-S135.	1.2	1
60	Multi-stage surgery for airway patency after metallic stent removal in benign laryngotracheal airway disease in two adolescents. International Journal of Pediatric Otorhinolaryngology, 2013, 77, 857-862.	1.0	1
61	The aftermath of tinnitus-inducing inner ear damage for auditory brainstem responses and MEMR imaging of central brain activity in the rat. Hearing, Balance and Communication, 2020, 18, 225-233.	0.4	1
62	Systematic Review of VSB in C/M Hearing Loss. Journal of Laryngology and Otology, 2016, 130, S31-S32.	0.8	0