Evelyne Ferrary

List of Publications by Year in descending order

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136950 206112 3,329 131 32 48 citations h-index g-index papers 134 134 134 3060 docs citations times ranked citing authors all docs

#	Article	IF	Citations
1	Atraumatic Insertion of a Cochlear Implant Pre-Curved Electrode Array by a Robot-Automated Alignment with the Coiling Direction of the Scala Tympani. Audiology and Neuro-Otology, 2022, 27, 148-155.	1.3	10
2	Robotics, automation, active electrode arrays, and new devices for cochlear implantation: A contemporary review. Hearing Research, 2022, 414, 108425.	2.0	19
3	Candidacy for Cochlear Implantation in Prelingual Profoundly Deaf Adult Patients. Journal of Clinical Medicine, 2022, 11, 1874.	2.4	3
4	Best Fit 3D Basilar Membrane Reconstruction to Routinely Assess the Scalar Position of the Electrode Array after Cochlear Implantation. Journal of Clinical Medicine, 2022, 11, 2075.	2.4	3
5	Robot-based assistance in middle ear surgery and cochlear implantation: first clinical report. European Archives of Oto-Rhino-Laryngology, 2021, 278, 77-85.	1.6	35
6	Nanocarriers for drug delivery to the inner ear: Physicochemical key parameters, biodistribution, safety and efficacy. International Journal of Pharmaceutics, 2021, 592, 120038.	5.2	21
7	Cochlear Implant Outcomes in Patients with Neurosarcoidosis. Audiology and Neuro-Otology, 2021, 26, 454-460.	1.3	3
8	Transtympanic injection of a liposomal gel loaded with N-acetyl-L-cysteine: A relevant strategy to prevent damage induced by cochlear implantation in guinea pigs?. International Journal of Pharmaceutics, 2021, 604, 120757.	5.2	11
9	Restoration of High Frequency Auditory Perception After Robot-Assisted or Manual Cochlear Implantation in Profoundly Deaf Adults Improves Speech Recognition. Frontiers in Surgery, 2021, 8, 729736.	1.4	9
10	Analysis of forces during robot-assisted and manual manipulations of mobile and fixed footplate in temporal bone specimens. European Archives of Oto-Rhino-Laryngology, 2021, 278, 4269-4277.	1.6	2
11	Robot-assisted Cochlear Implant Electrode Array Insertion in Adults: A Comparative Study With Manual Insertion. Otology and Neurotology, 2021, 42, e438-e444.	1.3	31
12	Robot-Assisted Middle Ear Endoscopic Surgery: Preliminary Results on 37 Patients. Frontiers in Surgery, 2021, 8, 740935.	1.4	3
13	Best Practices in the Development, Translation, and Cultural Adaptation of Patient-Reported Outcome Measures for Adults With Hearing Impairment: Lessons From the Cochlear Implant Quality of Life Instruments. Frontiers in Neuroscience, 2021, 15, 718416.	2.8	2
14	Long-term residual hearing in cochlear implanted adult patients who were candidates for electro-acoustic stimulation. European Archives of Oto-Rhino-Laryngology, 2020, 277, 705-713.	1.6	16
15	Benefits of a contralateral routing of signal device for unilateral NaÃda CI cochlear implant recipients. European Archives of Oto-Rhino-Laryngology, 2019, 276, 2205-2213.	1.6	8
16	Intraoperative Conebeam CT for Assessment of Intracochlear Positioning of Electrode Arrays in Adult Recipients of Cochlear Implants. American Journal of Neuroradiology, 2018, 39, 768-774.	2.4	21
17	Assessment of the efficacy of a local steroid rescue treatment administered 2Âdays after a moderate noise-induced trauma in guinea pig. Acta Oto-Laryngologica, 2018, 138, 610-616.	0.9	8
18	Does the diameter of the stapes prosthesis really matter? A prospective clinical study. Laryngoscope, 2018, 128, 1922-1926.	2.0	13

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19	Cochlear Implant Insertion Axis Into the Basal Turn: A Critical Factor in Electrode Array Translocation. Otology and Neurotology, 2018, 39, 168-176.	1.3	31
20	Revision stapes surgery: A review of 102 cases. Clinical Otolaryngology, 2018, 43, 1587-1590.	1.2	6
21	An Optimized Robotâ€Based Technique for Cochlear Implantation to Reduce Array Insertion Trauma. Otolaryngology - Head and Neck Surgery, 2018, 159, 900-907.	1.9	26
22	Mixtures of hyaluronic acid and liposomes for drug delivery: Phase behavior, microstructure and mobility of liposomes. International Journal of Pharmaceutics, 2017, 523, 246-259.	5.2	29
23	Cognitive Evaluation of Cochlear Implanted Adults Using CODEX and MoCA Screening Tests. Otology and Neurotology, 2017, 38, e282-e284.	1.3	28
24	Damage to inner ear structure during cochlear implantation: Correlation between insertion force and radio-histological findings in temporal bone specimens. Hearing Research, 2017, 344, 90-97.	2.0	58
25	Early functional results using the nitibond prosthesis in stapes surgery. Acta Oto-Laryngologica, 2017, 137, 259-264.	0.9	9
26	Multivariate Analysis of Factors Influencing Facial Nerve Outcome following Microsurgical Resection of Vestibular Schwannoma. Otolaryngology - Head and Neck Surgery, 2017, 156, 525-533.	1.9	45
27	Meniett device in meniere disease: Randomized, doubleâ€blind, placeboâ€controlled multicenter trial. Laryngoscope, 2017, 127, 470-475.	2.0	28
28	Improvement of the insertion axis for cochlear implantation with a robot-based system. European Archives of Oto-Rhino-Laryngology, 2017, 274, 715-721.	1.6	27
29	Effect of a liposomal hyaluronic acid gel loaded with dexamethasone in a guinea pig model after manual or motorized cochlear implantation. European Archives of Oto-Rhino-Laryngology, 2017, 274, 729-736.	1.6	18
30	Influence of electrode array stiffness and diameter on hearing in cochlear implanted guinea pig. PLoS ONE, 2017, 12, e0183674.	2.5	19
31	Five-Year Hearing Outcomes in Bilateral Simultaneously Cochlear-Implanted Adult Patients. Audiology and Neuro-Otology, 2016, 21, 261-267.	1.3	15
32	The Role of Electrode Placement in Bilateral Simultaneously Cochlearâ€Implanted Adult Patients. Otolaryngology - Head and Neck Surgery, 2016, 155, 485-493.	1.9	27
33	Geniculate Ganglion Tumors. Otolaryngology - Head and Neck Surgery, 2016, 155, 850-855.	1.9	14
34	Intratemporal facial nerve schwannoma: clinical presentation and management. European Archives of Oto-Rhino-Laryngology, 2016, 273, 3497-3504.	1.6	17
35	Management of epi- and mesotympanic cholesteatomas by one-stage trans-canal atticotomy in adults. European Archives of Oto-Rhino-Laryngology, 2016, 273, 2941-2946.	1.6	8
36	Variability of the mental representation of the cochlear anatomy during cochlear implantation. European Archives of Oto-Rhino-Laryngology, 2016, 273, 2009-2018.	1.6	26

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37	Superparamagnetic nanoparticles as vectors for inner ear treatments: driving and toxicity evaluation. Acta Oto-Laryngologica, 2016, 136, 402-408.	0.9	15
38	Hyaluronic acid liposomal gel sustains delivery of a corticoid to the inner ear. Journal of Controlled Release, 2016, 226, 248-257.	9.9	68
39	Effect of Embedded Dexamethasone in Cochlear Implant Array on Insertion Forces in an Artificial Model of Scala Tympani. Otology and Neurotology, 2015, 36, 354-358.	1.3	10
40	Cutaneous and Labyrinthine Tolerance of Bioactive Glass S53P4 in Mastoid and Epitympanic Obliteration Surgery: Prospective Clinical Study. BioMed Research International, 2015, 2015, 1-6.	1.9	23
41	Effect of Corticosteroids on Facial Function after Cerebellopontine Angle Tumor Removal: A Double-Blind Study versus Placebo. Audiology and Neuro-Otology, 2015, 20, 213-221.	1.3	9
42	Glucocorticoids stimulate endolymphatic water reabsorption in inner ear through aquaporin 3 regulation. Pflugers Archiv European Journal of Physiology, 2015, 467, 1931-1943.	2.8	40
43	Recent advances in local drug delivery to the inner ear. International Journal of Pharmaceutics, 2015, 494, 83-101.	5.2	124
44	Contralateral Routing of Signal Hearing Aid versus Transcutaneous Bone Conduction in Single-Sided Deafness. Audiology and Neuro-Otology, 2015, 20, 251-260.	1.3	26
45	Middle Ear and Mastoid Obliteration for Cochlear Implant in Adults. Otology and Neurotology, 2015, 36, 604-609.	1.3	35
46	Effect of liposomes on rheological and syringeability properties of hyaluronic acid hydrogels intended for local injection of drugs. International Journal of Pharmaceutics, 2015, 487, 187-196.	5.2	74
47	The pathophysiology of otosclerosis: Review of current research. Hearing Research, 2015, 330, 51-56.	2.0	82
48	Middle-Ear Microsurgery Simulation to Improve New Robotic Procedures. BioMed Research International, 2014, 2014, 1-10.	1.9	12
49	Hypoxia-Induced Inhibition of Epithelial Na ⁺ Channels in the Lung. Role of Nedd4-2 and the Ubiquitin-Proteasome Pathway. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 526-537.	2.9	37
50	Definition of Metrics to Evaluate Cochlear Array Insertion Forces Performed with Forceps, Insertion Tool, or Motorized Tool in Temporal Bone Specimens. BioMed Research International, 2014, 2014, 1-9.	1.9	23
51	Validation Method of a Middle Ear Mechanical Model to Develop a Surgical Simulator. Audiology and Neuro-Otology, 2014, 19, 73-84.	1.3	11
52	Use of granules of biphasic ceramic in rehabilitation of canal wall down mastoidectomy. European Archives of Oto-Rhino-Laryngology, 2014, 271, 59-64.	1.6	14
53	Brain voice processing with bilateral cochlear implants: a positron emission tomography study. European Archives of Oto-Rhino-Laryngology, 2014, 271, 3187-3193.	1.6	21
54	New cochlear implant technologies improve performance in post-meningitic deaf patients. European Archives of Oto-Rhino-Laryngology, 2013, 270, 53-59.	1.6	11

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55	The effects of angiotensin II and the oxidative stress mediator 4-hydroxynonenal on human osteoblast-like cell growth: possible relevance to otosclerosis. Free Radical Biology and Medicine, 2013, 57, 22-28.	2.9	15
56	Use of bone anchoring device in electromagnetic computer-assisted navigation in lateral skull base surgery. Acta Oto-Laryngologica, 2013, 133, 1047-1052.	0.9	22
57	Is Electrode-Modiolus Distance a Prognostic Factor for Hearing Performances after Cochlear Implant Surgery?. Audiology and Neuro-Otology, 2013, 18, 406-413.	1.3	43
58	Evolution of electrode array diameter for hearing preservation in cochlear implantation . Acta Oto-Laryngologica, 2013, 133, 116-122.	0.9	43
59	From Conception to Application of a Tele-Operated Assistance Robot for Middle Ear Surgery. Surgical Innovation, 2012, 19, 241-251.	0.9	13
60	Hearing Preservation after Cochlear Implantation Using Deeply Inserted Flex Atraumatic Electrode Arrays. Audiology and Neuro-Otology, 2012, 17, 331-337.	1.3	38
61	Effect of Angiotensin II on Inflammation Pathways in Human Primary Bone Cell Cultures in Otosclerosis. Audiology and Neuro-Otology, 2012, 17, 169-178.	1.3	11
62	Cochlear Implant Insertion Forces in Microdissected Human Cochlea to Evaluate a Prototype Array. Audiology and Neuro-Otology, 2012, 17, 290-298.	1.3	44
63	Interaction Between Electric and Acoustic Cues in Diotic Condition for Speech Perception in Quiet and Noise by Cochlear Implantees. Otology and Neurotology, 2012, 33, 30-37.	1.3	6
64	Intraoperative laryngeal nerve monitoring during thyroidectomy and parathyroidectomy: A prospective study. European Annals of Otorhinolaryngology, Head and Neck Diseases, 2012, 129, 69-76.	0.7	26
65	Friction Force Measurement During Cochlear Implant Insertion. Otology and Neurotology, 2012, 33, 1092-1100.	1.3	49
66	Effect of Repositioning Maneuver Type and Postmaneuver Restrictions on Vertigo and Dizziness in Benign Positional Paroxysmal Vertigo. Scientific World Journal, The, 2012, 2012, 1-7.	2.1	24
67	Protective Effect of Systemic Administration of Erythropoietin on Auditory Brain Stem Response and Compound Action Potential Thresholds in an Animal Model of Cochlear Implantation. Annals of Otology, Rhinology and Laryngology, 2011, 120, 737-747.	1.1	6
68	Effects of systemic administration of methylprednisolone on residual hearing in an animal model of cochlear implantation. Acta Oto-Laryngologica, 2011, 131, 579-584.	0.9	23
69	Vasopressin, ATP and catecholamines differentially control potassium secretion in inner ear cell line. FEBS Letters, 2011, 585, 2703-2708.	2.8	4
70	Minimally Invasive Computer-Assisted Approach for Cochlear Implantation. Surgical Innovation, 2011, 18, 259-267.	0.9	21
71	Cardiovascular and Thromboembolic Risk Factors in Idiopathic Sudden Sensorineural Hearing Loss: A Case-Control Study. Audiology and Neuro-Otology, 2011, 16, 55-66.	1.3	134
72	Visual analog scale to assess vertigo and dizziness after repositioning maneuvers for benign paroxysmal positional vertigo. Journal of Vestibular Research: Equilibrium and Orientation, 2011, 21, 235-241.	2.0	38

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73	Evaluation of command modes of an assistance robot for middle ear surgery., 2011,,.		6
74	A neuro-imaging approach to evidencing bilateral cochlear implant advantages in auditory perception. Cochlear Implants International, 2011, 12, S124-S126.	1.2	1
75	Evaluation of command modes of an assistance robot for middle ear surgery. , 2011, , .		2
76	Assessing mental representation of mastoidectomy by a computer-based drawing tool. Acta Oto-Laryngologica, 2010, 130, 1335-1342.	0.9	3
77	RobOtol: from design to evaluation of a robot for middle ear surgery. , 2010, , .		26
78	Super paramagnetic nanoparticles delivery through a microcatheter by solenoids. , 2010, , .		4
79	Plastin 1 Binds to Keratin and Is Required for Terminal Web Assembly in the Intestinal Epithelium. Molecular Biology of the Cell, 2009, 20, 2549-2562.	2.1	84
80	Osmotic Stress Regulates Mineralocorticoid Receptor Expression in a Novel Aldosterone-Sensitive Cortical Collecting Duct Cell Line. Molecular Endocrinology, 2009, 23, 1948-1962.	3.7	44
81	Use of anatomic or invasive markers in association with skin surface registration in image-guided surgery of the temporal bone. Acta Oto-Laryngologica, 2009, 129, 405-410.	0.9	31
82	An animal model of cochlear implantation with an intracochlear fluid delivery system. Acta Oto-Laryngologica, 2009, 129, 1153-1159.	0.9	13
83	Speech Performance and Sound Localization in a Complex Noisy Environment in Bilaterally Implanted Adult Patients. Audiology and Neuro-Otology, 2009, 14, 106-114.	1.3	72
84	Processing of voices in deafness rehabilitation by auditory brainstem implant. NeuroImage, 2009, 47, 1792-1796.	4.2	27
85	Do Facial Nerve Displacement Pattern and Tumor Adhesion Influence the Facial Nerve Outcome in Vestibular Schwannoma Surgery?. Otology and Neurotology, 2009, 30, 392-397.	1.3	42
86	Intact blood–perilymph barrier in the rat after impulse noise trauma. Acta Oto-Laryngologica, 2008, 128, 608-612.	0.9	13
87	Cochlear Implant Benefits in Deafness Rehabilitation: PET Study of Temporal Voice Activations. Journal of Nuclear Medicine, 2008, 49, 60-67.	5.0	59
88	Functional outcome of retrosigmoid approach in vestibular schwannoma surgery. Acta Oto-Laryngologica, 2008, 128, 881-886.	0.9	31
89	Relation Between Renin-Angiotensin-Aldosterone System and Otosclerosis. Otology and Neurotology, 2008, 29, 295-301.	1.3	40
90	Composition of the Endolymphatic Sac Luminal Fluid in a Patient with Mondini Dysplasia. Annals of Otology, Rhinology and Laryngology, 2008, 117, 123-126.	1.1	4

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91	Benefit of the Vibrant Soundbridge Device in Patients Implanted For 5 to 8 Years. Ear and Hearing, 2008, 29, 281-284.	2.1	90
92	Antibodies to myelin protein zero (P0) protein as markers of auto-immune inner ear diseases. Autoimmunity, 2007, 40, 202-207.	2.6	17
93	Glucocorticoids Inhibit Diastrophic Dysplasia Sulfate Transporter Activity in Otosclerosis by Interleukin-6. Laryngoscope, 2006, 116, 1647-1650.	2.0	11
94	What's new in ion transports in the cochlea?. Pflugers Archiv European Journal of Physiology, 2006, 453, 11-22.	2.8	32
95	Functional IsK/KvLQT1 Potassium Channel in a New Corticosteroid-sensitive Cell Line Derived from the Inner Ear. Journal of Biological Chemistry, 2006, 281, 10496-10507.	3.4	13
96	Detection of Labyrinthine Fistulas in Human Temporal Bone by Virtual Endoscopy and Density Threshold Variation on Computed Tomographic Scan. JAMA Otolaryngology, 2005, 131, 681.	1.2	13
97	Conservative management versus surgery for small vestibular schwannomas. Acta Oto-Laryngologica, 2005, 125, 1063-1068.	0.9	79
98	Temporal bone density measurements using CT in otosclerosis. Acta Oto-Laryngologica, 2004, 124, 1136-1140.	0.9	63
99	Effect of $17\hat{l}^2$ -estradiol on diastrophic dysplasia sulfate transporter activity in otosclerotic bone cell cultures and SaOS-2 cells. Acta Oto-Laryngologica, 2004, 124, 890-895.	0.9	11
100	Aquaporin-2 in the human endolymphatic sac. Acta Oto-Laryngologica, 2004, 124, 449-453.	0.9	36
101	High Variability of Perilymphatic Entry of Neutral Molecules Through the Round Window. Acta Oto-Laryngologica, 2003, 123, 199-202.	0.9	23
102	Increased Activity of the Diastrophic Dysplasia Sulfate Transporter in Otosclerosis and Its Inhibition by Sodium Fluoride. Otology and Neurotology, 2003, 24, 854-862.	1.3	22
103	In vivo absorption of water and electrolytes in mouse intestine. Application to villin â^'/â^' mice. American Journal of Physiology - Renal Physiology, 2002, 282, G634-G639.	3.4	3
104	Effects of acute and chronic hypertension on the labyrinthine barriers in rat. Hearing Research, 2001, 151, 227-236.	2.0	16
105	Location and function of the epithelial Na channel in the cochlea. American Journal of Physiology - Renal Physiology, 2001, 280, F214-F222.	2.7	55
106	Purine and pyrimidine nucleotide-sensitive phospholipase A2 in ampulla from frog semicircular canal. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R519-R526.	1.8	3
107	H+, K+-ATPase is not Involved in Endolymph pH Homeostasis. Acta Oto-Laryngologica, 2001, 121, 122-124.	0.9	2
108	UTP binding and phosphoinositidase C activation in ampulla from frog semicircular canal. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R803-R812.	1.8	4

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109	Effect of locally applied drugs on the pH of luminal fluid in the endolymphatic sac of guinea pig. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R1695-R1700.	1.8	26
110	No Evidence of Measles Virus in Stapes Samples from Patients with Otosclerosis. Journal of Clinical Microbiology, 2000, 38, 2655-2660.	3.9	38
111	Parathyroid hormone-parathyroid hormone-related peptide receptor expression and function in otosclerosis. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E1005-E1012.	3 . 5	11
112	In Vivo, Villin Is Required for Ca2+-Dependent F-Actin Disruption in Intestinal Brush Borders. Journal of Cell Biology, 1999, 146, 819-830.	5.2	139
113	Evidence for apical K conductance and Na-K-2Cl cotransport in the endolymphatic sac of guinea pig. Hearing Research, 1999, 128, 45-50.	2.0	10
114	Effect of Locally Applied Drugs on the Endolymphatic Sac Potential. Laryngoscope, 1998, 108, 592-598.	2.0	25
115	The effects of perilymphatic tonicity on endolymph composition and synaptic activity at the frog semicircular canal. Hearing Research, 1998, 121, 99-108.	2.0	1
116	Inner Ear Pressure in MeniÃ"re's Disease and Fluctuating Hearing Loss Determined by Tympanic Membrane Displacement Analysis. International Journal of Audiology, 1998, 37, 255-261.	1.7	20
117	Pharmacological characterization of ATP receptors in ampulla from frog semicircular canal. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 275, R253-R261.	1.8	6
118	Effects of Clofilium, a K Channel Blocker, on Electrogenic K Secretion and Afferent Discharge at the Frog Semicircular Canal: A Preliminary Report. Acta Oto-Laryngologica, 1996, 116, 277-279.	0.9	3
119	Effect of Glycerol on Electrochemical Composition of Endolymph and Perilymph in the Rat. Acta Oto-Laryngologica, 1996, 116, 546-551.	0.9	5
120	The effect of clofilium, a K-channel blocker, on the electrogenic K secretion and the sensory discharge at the frog semicircular canal. Brain Research, 1996, 721, 174-180.	2.2	7
121	<i>In vitro</i> Electrogenic K Secretion in the Frog Semicircular Canal: Absence of Effect of Streptomycin. Acta Oto-Laryngologica, 1995, 115, 181-183.	0.9	1
122	Antidiuretic hormone restores the endolymphatic longitudinal K+ gradient in the Brattleboro rat cochlea. Pflugers Archiv European Journal of Physiology, 1994, 426, 446-452.	2.8	13
123	Is the Endolymphatic K Secretion Electrogenic?. Acta Oto-Laryngologica, 1993, 113, 335-337.	0.9	2
124	Secretion of Endolymph by the Isolated Frog Semicircular Canal. Acta Oto-Laryngologica, 1992, 112, 294-298.	0.9	9
125	Time-Related Alteration of Endolymph Composition in an Experimental Model of Endolymphatic Hydrops. Laryngoscope, 1992, 102, 431-438.	2.0	60
126	Adenylate Cyclase in the Semicircular Canal: Hormonal Stimulation and Ultrastructural Localization. Acta Oto-Laryngologica, 1991, 111, 281-285.	0.9	7

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127	Adenylate cyclase and carbonic anhydrase in the semicircular canal epithelium of the frog Rana esculenta. Cell and Tissue Research, 1990, 262, 579-585.	2.9	16
128	Electrochemical Composition of the Cochlear Fluids in the Early Experimental Hydrops:Preliminary Results. Acta Oto-Laryngologica, 1989, 107, 371-374.	0.9	11
129	Ultrastructural study of the semicircular canal cells of the frog <i>Rana esculenta</i> . The Anatomical Record, 1988, 220, 328-334.	1.8	19
130	Vasopressin entry into the inner ear fluids of the rat. Hearing Research, 1987, 29, 245-250.	2.0	5
131	Prostaglandins in the semicircular canal of the frog. Hearing Research, 1987, 26, 139-144.	2.0	11