Peter R Thorne

List of Publications by Year
in descending order

119 papers	4,561 citations	87888 38 h-index	118850 62 g-index
123 all docs	123 docs citations	123 times ranked	2822 citing authors

#	Article	IF	Citations
1	Parental satisfaction with an advanced audiology-led triage service in paediatric ENT outpatient clinics. International Journal of Audiology, 2022, 61, 159-165.	1.7	1
2	The relationship between obstructive sleep apnea with hearing and balance: A scoping review. Sleep Medicine, 2022, 95, 55-75.	1.6	6
3	A High-Fat Diet Induces Low-Grade Cochlear Inflammation in CD-1 Mice. International Journal of Molecular Sciences, 2022, 23, 5179.	4.1	5
4	Characterization of the Sheep Round Window Membrane. JARO - Journal of the Association for Research in Otolaryngology, 2021, 22, 1-17.	1.8	8
5	Behavioural performance and self-report measures in children with unilateral hearing loss due to congenital aural atresia. Auris Nasus Larynx, 2021, 48, 65-74.	1.2	9
6	Disparities in the pace of biological aging among midlife adults of the same chronological age have implications for future frailty risk and policy. Nature Aging, 2021, 1, 295-308.	11.6	118
7	The inaugural World Report on Hearing: From barriers to a platform for change. Clinical Otolaryngology, 2021, 46, 459-463.	1.2	9
8	Molecular Mechanisms of Sensorineural Hearing Loss and Development of Inner Ear Therapeutics. International Journal of Molecular Sciences, 2021, 22, 5647.	4.1	11
9	Istradefylline Mitigates Age-Related Hearing Loss in C57BL/6J Mice. International Journal of Molecular Sciences, 2021, 22, 8000.	4.1	8
10	Can an advanced audiologyâ€led service reduce waiting times for paediatric ear nose and throat outpatient services?. Journal of Paediatrics and Child Health, 2021, 57, 268-272.	0.8	8
11	Regulator of G Protein Signalling 4 (RGS4) as a Novel Target for the Treatment of Sensorineural Hearing Loss. International Journal of Molecular Sciences, 2021, 22, 3.	4.1	17
12	The Link between Gut Dysbiosis Caused by a High-Fat Diet and Hearing Loss. International Journal of Molecular Sciences, 2021, 22, 13177.	4.1	16
13	Effectiveness and Safety of Advanced Audiology-Led Triage in Pediatric Otolaryngology Services. Ear and Hearing, 2020, 41, 1103-1110.	2.1	9
14	How the Worldâ€™s Children Hear: A Narrative Review of School Hearing Screening Programs Globally. OTO Open, 2020, 4, 2473974X20923580.	1.4	26
15	Inhibition of the Adenosine A2A Receptor Mitigates Excitotoxic Injury in Organotypic Tissue Cultures of the Rat Cochlea. Cells, 2019, 8, 877.	4.1	13
16	Purinergic Signaling and Aminoglycoside Ototoxicity: The Opposing Roles of P1 (Adenosine) and P2 (ATP) Receptors on Cochlear Hair Cell Survival. Frontiers in Cellular Neuroscience, 2019, 13, 207.	3.7	12
17	Identifying hearing care access barriers among older Pacific Island people in New Zealand: a qualitative study. BMJ Open, 2019, 9, e029007.	1.9	11
18	Impact of Unilateral Hearing Loss on Behavioral and Evoked Potential Measures of Auditory Function in Adults. Journal of the American Academy of Audiology, 2019, 30, 564-578.	0.7	6

#	Article	IF	Citations
19	Is an advanced audiology-led service the solution to the paediatric ENT outpatient waiting list problem?. Speech, Language and Hearing, 2019, 22, 137-141.	1.0	11
20	Provision of hearing care in Pacific Island countries and territories. Bulletin of the World Health Organization, 2019, 97, 719-721.	3.3	21
21	Cortical auditory evoked potential (CAEP) and behavioural measures of auditory function in an adult with a single sided deafness: case study. Hearing, Balance and Communication, 2018, 16, 64-72.	0.4	1
22	Resistance to neomycin ototoxicity in the extreme basal (hook) region of the mouse cochlea. Histochemistry and Cell Biology, 2018, 150, 281-289.	1.7	4
23	Development of an otitis media strategy in the Pacific: key informant perspectives. New Zealand Medical Journal, 2018, 131, 69-76.	0.5	6
24	An ecological approach to hearing-health promotion in workplaces. International Journal of Audiology, 2017, 56, 316-327.	1.7	16
25	Adenosine receptors regulate susceptibility to noise-induced neural injury in the mouse cochlea and hearing loss. Hearing Research, 2017, 345, 43-51.	2.0	27
26	Cortical auditory evoked potential (CAEP) and behavioural measures of auditory function in a child with a single-sided deafness. Cochlear Implants International, 2017, 18, 335-346.	1.2	10
27	Pharmacokinetic Properties of Adenosine Amine Congener in Cochlear Perilymph after Systemic Administration. BioMed Research International, 2017, 2017, 1-8.	1.9	4
28	Reduced sensory stimulation alters the molecular make-up of glutamatergic hair cell synapses in the developing cochlea. Neuroscience, 2016, 325, 50-62.	2.3	8
29	Characterisation of cochlear inflammation in mice following acute and chronic noise exposure. Histochemistry and Cell Biology, 2016, 146, 219-230.	1.7	116
30	High frequency bone conduction auditory evoked potentials in the guinea pig: Assessing cochlear injury after ossicular chain manipulation. Hearing Research, 2015, 330, 147-154.	2.0	6
31	Preventing Hearing Loss and Restoring Hearing: A New Outlook. BioMed Research International, 2015, 2015, 1-2.	1.9	4
32	The Structural Development of the Mouse Dorsal Cochlear Nucleus. JARO - Journal of the Association for Research in Otolaryngology, 2015, 16, 473-486.	1.8	6
33	Putative role of border cells in generating spontaneous morphological activity within KÃ¶lliker's organ. Hearing Research, 2015, 330, 90-97.	2.0	19
34	Properties of ATP-gated ion channels assembled from P2X2 subunits in mouse cochlear Reissnerâ€™s membrane epithelial cells. Purinergic Signalling, 2015, 11, 551-560.	2.2	14
35	Estimated prevalence of hearing loss and provision of hearing services in Pacific Island nations. Journal of Primary Health Care, 2015, 7, 5-15.	0.6	9
36	Noise Exposure of Workers and the Use of Hearing Protection Equipment in New Zealand. Archives of Environmental and Occupational Health, 2014, 69, 69-80.	1.4	11

#	Article	IF	Citations
37	KÃ¶llikerâ€™s Organ and the Development of Spontaneous Activity in the Auditory System: Implications for Hearing Dysfunction. BioMed Research International, 2014, 2014, 1-8.	1.9	44
38	Adenosine Amine Congener as a Cochlear Rescue Agent. BioMed Research International, 2014, 2014, 1-10.	1.9	14
39	Markers of cochlear inflammation using MRI. Journal of Magnetic Resonance Imaging, 2014, 39, 150-161.	3.4	28
40	Noise-induced changes in expression levels of NADPH oxidases in the cochlea. Hearing Research, 2013, 304, 145-152.	2.0	46
41	ATP-gated ion channels mediate adaptation to elevated sound levels. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7494-7499.	7.1	100
42	Mutation of the ATP-gated P2X ₂ receptor leads to progressive hearing loss and increased susceptibility to noise. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2228-2233.	7.1	119
43	Noise-Induced Hearing Loss and strategies for its prevention in the New Zealand population: The Kiwi connection. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
44	Relationship of distortion product otoacoustic emission components to psychoacoustic measures of noise induced hearing loss. Proceedings of Meetings on Acoustics, 2013, , .	0.3	2
45	Hearing protection use in manufacturing workers: A qualitative study. Noise and Health, 2012, 14, 202.	0.5	39
46	Hair cell specific NTPDase6 immunolocalisation in vestibular end organs: Potential role of purinergic signaling in vestibular sensory transduction. Journal of Vestibular Research: Equilibrium and Orientation, 2012, 22, 213-219.	2.0	6
47	Synaptic profiles during neurite extension, refinement and retraction in the developing cochlea. Neural Development, 2012, 7, 38.	2.4	79
48	Expression and distribution of creatine transporter and creatine kinase (brain isoform) in developing and mature rat cochlear tissues. Histochemistry and Cell Biology, 2012, 137, 599-613.	1.7	9
49	Adenosine kinase inhibition in the cochlea delays the onset of age-related hearing loss. Experimental Gerontology, 2011, 46, 905-914.	2.8	32
50	Developmentally regulated expression of ectonucleotidases NTPDase5 and NTPDase6 and UDP-responsive P2Y receptors in the rat cochlea. Histochemistry and Cell Biology, 2010, 133, 425-436.	1.7	16
51	Adenosine amine congener mitigates noise-induced cochlear injury. Purinergic Signalling, 2010, 6, 273-281.	2.2	32
52	Distribution of NTPDase5 and NTPDase6 and the regulation of P2Y receptor signalling in the rat cochlea. Purinergic Signalling, 2010, 6, 249-261.	2.2	13
53	Differential expression of P2Y receptors in the rat cochlea during development. Purinergic Signalling, 2010, 6, 231-248.	2.2	39
54	Reduced P2x2 receptor-mediated regulation of endocochlear potential in the ageing mouse cochlea. Purinergic Signalling, 2010, 6, 263-272.	2.2	36

#	Article	IF	Citations
55	Role of adenosine kinase in cochlear development and response to noise. Journal of Neuroscience Research, 2010, 88, 2598-2609.	2.9	9
56	Post exposure administration of A1 adenosine receptor agonists attenuates noise-induced hearing loss. Hearing Research, 2010, 260, 81-88.	2.0	38
57	Adenosine and the Auditory System. Current Neuropharmacology, 2009, 7, 246-256.	2.9	46
58	Preservation of cochlear function in Cd39 deficient mice. Hearing Research, 2009, 253, 77-82.	2.0	5
59	Epidemiology of noise-induced hearing loss in New Zealand. New Zealand Medical Journal, 2008, 121, 33-44.	0.5	59
60	P2X receptor signaling inhibits BDNF-mediated spiral ganglion neuron development in the neonatal rat cochlea. Development (Cambridge), 2007, 134, 1407-1417.	2.5	51
61	Nucleoside transporter expression and adenosine uptake in the rat cochlea. NeuroReport, 2007, 18, 235-239.	1.2	8
62	Activation-dependent trafficking of NTPDase2 in Chinese hamster ovary cells. International Journal of Biochemistry and Cell Biology, 2007, 39, 810-817.	2.8	7
63	Spatiotemporal definition of neurite outgrowth, refinement and retraction in the developing mouse cochlea. Development (Cambridge), 2007, 134, 2925-2933.	2.5	115
64	Differential distribution of adenosine receptors in rat cochlea. Cell and Tissue Research, 2007, 328, 461-471.	2.9	44
65	Noise-induced up-regulation of NTPDase3 expression in the rat cochlea: Implications for auditory transmission and cochlear protection. Brain Research, 2006, 1104, 55-63.	2.2	32
66	Developmental regulation of neuron-specific P2X3 receptor expression in the rat cochlea. Journal of Comparative Neurology, 2005, 484, 133-143.	1.6	47
67	Electrophysiological and speech perception measures of auditory processing in experienced adult cochlear implant users. Clinical Neurophysiology, 2005, 116, 1235-1246.	1.5	145
68	C-terminal splicing of NTPDase2 provides distinctive catalytic properties, cellular distribution and enzyme regulation. Biochemical Journal, 2005, 385, 729-736.	3.7	29
69	Purinergic Modulation of Cochlear Partition Resistance and Its Effect on the Endocochlear Potential in the Guinea Pig. JARO - Journal of the Association for Research in Otolaryngology, 2004, 5, 58-65.	1.8	61
70	Noise exposure induces up-regulation of ecto-nucleoside triphosphate diphosphohydrolases 1 and 2 in rat cochlea. Neuroscience, 2004, 126, 763-773.	2.3	53
71	Ensemble spontaneous activity in the guinea-pig cochlear nerve. Hearing Research, 2004, 192, 23-35.	2.0	32
72	Expression of the P2X₇ Receptor Subunit of the Adenosine 5â€™-Triphosphate-Gated Ion Channel in the Developing and Adult Rat Cochlea. Audiology and Neuro-Otology, 2003, 8, 28-37.	1.3	50

#	Article	IF	Citations
73	Noise induces up-regulation of P2X2 receptor subunit of ATP-gated ion channels in the rat cochlea. NeuroReport, 2003, 14, 817-823.	1.2	64
74	NTPDase1 and NTPDase2 Immunolocalization in Mouse Cochlea: Implications for Regulation of P2 Receptor Signaling. Journal of Histochemistry and Cytochemistry, 2002, 50, 1435-1441.	2.5	34
75	ATP-gated ion channels assembled from P2X2 receptor subunits in the mouse cochlea. NeuroReport, 2002, 13, 1979-1984.	1.2	37
76	Potential Role of Purinergic Signalling in Cochlear Pathology. Audiology and Neuro-Otology, 2002, 7, 180-184.	1.3	27
77	Distribution of ectonucleoside triphosphate diphosphohydrolases 1 and 2 in rat cochlea. Hearing Research, 2002, 170, 127-138.	2.0	35
78	Purinergic Regulation of Sound Transduction and Auditory Neurotransmission. Audiology and Neuro-Otology, 2002, 7, 55-61.	1.3	70
79	Auditory Evoked Potentials as Measures of Plasticity in Humans. Audiology and Neuro-Otology, 2001, 6, 211-215.	1.3	56
80	Transient expression of P2X1 receptor subunits of ATP-gated ion channels in the developing rat cochlea. Developmental Brain Research, 2001, 126, 173-182.	1.7	37
81	Vesicular Storage of Adenosine Triphosphate in the Guinea-pig Cochlear Lateral Wall and Concentrations of ATP in the Endolymph during Sound Exposure and Hypoxia. Acta Oto-Laryngologica, 2001, 121, 10-15.	0.9	93
82	Immunohistochemical localization of adenosine 5`-triphosphate-gated ion channel P2X2 receptor subunits in adult and developing rat cochlea. , 2000, 421, 289-301.		62
83	Apoptosis in the developing rat cochlea and its related structures. Developmental Brain Research, 2000, 119, 75-83.	1.7	35
84	Purinergic signalling: an experimental perspective. Journal of the Autonomic Nervous System, 2000, 81, 139-145.	1.9	13
85	Expression of the P2X₂Receptor Subunit of the ATP-Gated Ion Channel in the Cochlea: Implications for Sound Transduction and Auditory Neurotransmission. Journal of Neuroscience, 1999, 19, 8377-8388.	3.6	164
86	Distribution of the P2X2 receptor subunit of the ATP-gated ion channels in the rat central nervous system. Journal of Comparative Neurology, 1999, 407, 11-32.	1.6	253
87	Modulation of cochlear blood flow by extracellular purines. Hearing Research, 1999, 127, 55-61.	2.0	31
88	P2X receptor-mediated changes in cochlear potentials arising from exogenous adenosine 5â€²-triphosphate in endolymph. Hearing Research, 1999, 138, 56-64.	2.0	32
89	Evidence for alternative splicing of ecto-ATPase associated with termination of purinergic transmission. Molecular Brain Research, 1999, 73, 85-92.	2.3	49
90	ATP-gated ion channel expression in primary auditory neurones. NeuroReport, 1999, 10, 2579-2586.	1.2	34

#	Article	IF	Citations
91	Distribution of the P2X2 receptor subunit of the ATP-gated ion channels in the rat central nervous system. , 1999, 407, 11.		1
92	Fluorescence imaging of Na+ influx via P2X receptors in cochlear hair cells. Hearing Research, 1998, 119, 1-13.	2.0	43
93	The pharmacology and kinetics of ecto-nucleotidases in the perilymphatic compartment of the guinea-pig cochlea. Hearing Research, 1998, 117, 71-80.	2.0	38
94	Ecto-nucleotidases terminate purinergic signalling in the cochlear endolymphatic compartment. NeuroReport, 1998, 9, 1559-65.	1.2	37
95	Evidence for Ectonucleotidases in the Guinea-Pig Cochlea. , 1997, , 15-19.		2
96	Ectonucleotidases and Purinoceptors in the Cochlea and Their Putative Role in Hearing. , 1997, , 239-246.		1
97	Ectonucleotidase activity in the perilymphatic compartment of the guinea pig cochlea. Hearing Research, 1996, 99, 31-37.	2.0	29
98	Influence of Acquisition Parameters on the Measurement of Click Evoked Otoacoustic Emissions in Neonates in a Hospital Environment. International Journal of Audiology, 1996, 35, 143-157.	1.7	14
99	Localization of ATP-gated ion channels in cerebellum using P2x2R subunit-specific antisera. NeuroReport, 1996, 7, 2665-2670.	1.2	60
100	Purinergic signalling in sensory systems. Seminars in Neuroscience, 1996, 8, 233-246.	2.2	60
101	Quinacrine staining of marginal cells in the stria vascularis of the guinea-pig cochlea: a possible source of extracellular ATP?. Hearing Research, 1995, 90, 97-105.	2.0	90
102	Extracellular adenosine 5â€²-triphosphate (ATP) in the endolymphatic compartment influences cochlear function. Hearing Research, 1995, 90, 106-118.	2.0	81
103	Adenosine 5â€²-triphosphate (ATP) concentrations in the endolymph and perilymph of the guinea-pig cochlea. Hearing Research, 1995, 90, 119-125.	2.0	70
104	Autoradiographic labelling of P2 purinoceptors in the guinea-pig cochlea. Hearing Research, 1995, 84, 177-193.	2.0	41
105	Fluorescence imaging of extracellular purinergic receptor sites and putative ecto-ATPase sites on isolated cochlear hair cells. Journal of Neuroscience, 1994, 14, 6992-7007.	3.6	85
106	The nature and progression of injury in the organ of Corti during ischemia. Hearing Research, 1989, 41, 189-197.	2.0	81
107	Alterations in Oxygenation of Cochlear Endolymph During Loud Sound Exposure. Acta Oto-Laryngologica, 1989, 107, 71-79.	0.9	36
108	Species differences in the distribution of infracuticular F-actin in outer hair cells of the cochlea. Hearing Research, 1988, 33, 201-205.	2.0	31

#	Article	IF	Citations
109	Sound-induced artifact in cochlear blood flow measurements using the laser Doppler flowmeter. Hearing Research, 1987, 31, 229-234.	2.0	34
110	Differences in the distribution of F-actin in outer hair cells along the organ of Corti. Hearing Research, 1987, 30, 253-265.	2.0	66
111	Laser doppler measurements of cochlear blood flow during loud sound exposure in the guinea pig. Hearing Research, 1987, 27, 1-10.	2.0	144
112	Effects of carbon monoxide on cochlear electrophysiology and blood flow. Hearing Research, 1987, 27, 37-45.	2.0	88
113	Back-Scattered Electron Imaging of Sections Through the Cochlea: A New Technique for Studying Cochlear Morphology. Biotechnic & Histochemistry, 1987, 62, 191-199.	0.4	5
114	The pathogenesis of stereocilia abnormalities in acoustic trauma. Hearing Research, 1986, 21, 41-49.	2.0	30
115	Changing Relationships between Structure and Function in the Cochlea during Recovery from Intense Sound Exposure. Annals of Otology, Rhinology and Laryngology, 1985, 94, 81-86.	1.1	25
116	The accuracy of hair cell counts in determining distance and position along the organ of Corti. Journal of the Acoustical Society of America, 1984, 76, 440-442.	1.1	12
117	A Quantitative Study of the Sequence of Topographical Changes in the Organ of Corti Following Acoustic Trauma. Acta Oto-Laryngologica, 1984, 97, 69-81.	0.9	32
118	The use of intravenous lignocaine in the diagnosis and treatment of tinnitus. Journal of Laryngology and Otology, 1978, 92, 115-121.	0.8	125
119	Cortical auditory function in children with unilateral congenital aural atresia. Speech, Language and Hearing, 0, , 1-9.	1.0	0