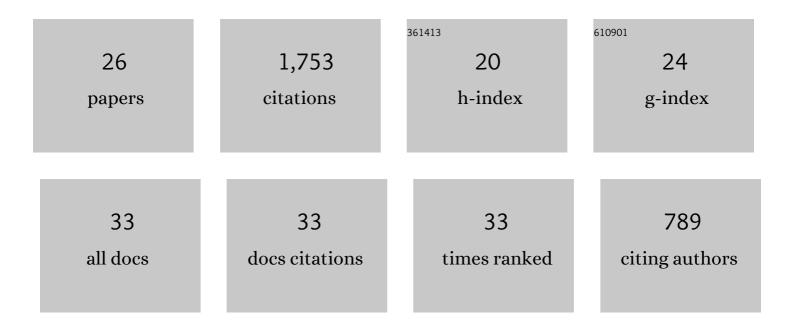
Ruth Anne Eatock

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Vestibular Hair Cells and Afferents: Two Channels for Head Motion Signals. Annual Review of Neuroscience, 2011, 34, 501-534.	10.7	239
2	Postnatal Development of Type I and Type II Hair Cells in the Mouse Utricle: Acquisition of Voltage-Gated Conductances and Differentiated Morphology. Journal of Neuroscience, 1998, 18, 7487-7501.	3.6	215
3	Molecular Microdomains in a Sensory Terminal, the Vestibular Calyx Ending. Journal of Neuroscience, 2011, 31, 10101-10114.	3.6	138
4	Tuning and Timing in Mammalian Type I Hair Cells and Calyceal Synapses. Journal of Neuroscience, 2013, 33, 3706-3724.	3.6	118
5	M-Like K+ Currents in Type I Hair Cells and Calyx Afferent Endings of the Developing Rat Utricle. Journal of Neuroscience, 2006, 26, 10253-10269.	3.6	108
6	Mechanoelectrical Transduction and Adaptation in Hair Cells of the Mouse Utricle, a Low-Frequency Vestibular Organ. Journal of Neuroscience, 1997, 17, 8739-8748.	3.6	101
7	Ion Channels Set Spike Timing Regularity of Mammalian Vestibular Afferent Neurons. Journal of Neurophysiology, 2010, 104, 2034-2051.	1.8	86
8	Major Potassium Conductance in Type I Hair Cells From Rat Semicircular Canals: Characterization and Modulation by Nitric Oxide. Journal of Neurophysiology, 2000, 84, 139-151.	1.8	85
9	Ion channels in mammalian vestibular afferents may set regularity of firing. Journal of Experimental Biology, 2008, 211, 1764-1774.	1.7	83
10	Time Course and Extent of Mechanotransducer Adaptation in Mouse Utricular Hair Cells: Comparison With Frog Saccular Hair Cells. Journal of Neurophysiology, 2003, 90, 2676-2689.	1.8	68
11	Developmental Changes in Two Voltage-Dependent Sodium Currents in Utricular Hair Cells. Journal of Neurophysiology, 2007, 97, 1684-1704.	1.8	63
12	Hair Cells in Mammalian Utricles. Otolaryngology - Head and Neck Surgery, 1998, 119, 172-181.	1.9	58
13	Regional Analysis of Whole Cell Currents From Hair Cells of the Turtle Posterior Crista. Journal of Neurophysiology, 2002, 88, 3259-3278.	1.8	54
14	Specializations for Fast Signaling in the Amniote Vestibular Inner Ear. Integrative and Comparative Biology, 2018, 58, 341-350.	2.0	54
15	Functional Development of Hair Cells. Current Topics in Developmental Biology, 2003, 57, 389-448.	2.2	51
16	Voltage Responses of Mouse Utricular Hair Cells to Injected Currents. Annals of the New York Academy of Sciences, 1996, 781, 71-84.	3.8	50
17	Retinoic acid degradation shapes zonal development of vestibular organs and sensitivity to transient linear accelerations. Nature Communications, 2020, 11, 63.	12.8	43
18	Stimulus Processing by Type II Hair Cells in the Mouse Utricle. Annals of the New York Academy of Sciences, 1999, 871, 15-26.	3.8	28

RUTH ANNE EATOCK

#	Article	IF	CITATIONS
19	Differences Between the Negatively Activating Potassium Conductances of Mammalian Cochlear and Vestibular Hair Cells. JARO - Journal of the Association for Research in Otolaryngology, 2004, 5, 270-284.	1.8	24
20	Distribution of Na,K-ATPase α Subunits in Rat Vestibular Sensory Epithelia. JARO - Journal of the Association for Research in Otolaryngology, 2014, 15, 739-754.	1.8	22
21	Mechanoelectrical and Voltage-Gated Ion Channels in Mammalian Vestibular Hair Cells. Audiology and Neuro-Otology, 2002, 7, 31-35.	1.3	21
22	Sodium channel diversity in the vestibular ganglion: Na _V 1.5, Na _V 1.8, and tetrodotoxin-sensitive currents. Journal of Neurophysiology, 2016, 115, 2536-2555.	1.8	19
23	The Differentiation Status of Hair Cells That Regenerate Naturally in the Vestibular Inner Ear of the Adult Mouse. Journal of Neuroscience, 2021, 41, 7779-7796.	3.6	16
24	Auditory Physiology: Listening with K+ Channels. Current Biology, 2003, 13, R767-R769.	3.9	5
25	High-Pass Filtering at Vestibular Frequencies by Transducer Adaptation in Mammalian Saccular Hair Cells. , 2011, , .		0
26	Ionic Conductances of Vestibular Afferent Neurons: Shaping Head Motion Signals From the Inner Ear. , 2020, , 211-227.		0