

Karen L Elliott

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,008
citations

361413

20
h-index

477307

29
g-index

46
all docs

46
docs citations

46
times ranked

617
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution and development of the tetrapod auditory system: an organ of Corti-centric perspective. <i>Evolution & Development</i> , 2013, 15, 63-79.	2.0	91
2	The quest for restoring hearing: Understanding ear development more completely. <i>BioEssays</i> , 2015, 37, 1016-1027.	2.5	58
3	Inner ear development: building a spiral ganglion and an organ of Corti out of unspecified ectoderm. <i>Cell and Tissue Research</i> , 2015, 361, 7-24.	2.9	56
4	Gene, cell, and organ multiplication drives inner ear evolution. <i>Developmental Biology</i> , 2017, 431, 3-15.	2.0	55
5	Changes in juvenile hormone synthesis in the termite <i>Reticulitermes flavipes</i> during development of soldiers and neotenic reproductives from groups of isolated workers. <i>Journal of Insect Physiology</i> , 2008, 54, 492-500.	2.0	44
6	Juvenile hormone synthesis as related to egg development in neotenic reproductives of the termite <i>Reticulitermes flavipes</i> , with observations on urates in the fat body. <i>General and Comparative Endocrinology</i> , 2007, 152, 102-110.	1.8	41
7	Development in the Mammalian Auditory System Depends on Transcription Factors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4189.	4.1	39
8	Evolution and Development of the Inner Ear Efferent System: Transforming a Motor Neuron Population to Connect to the Most Unusual Motor Protein via Ancient Nicotinic Receptors. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 114.	3.7	35
9	Wilhelm His's™ lasting insights into hindbrain and cranial ganglia development and evolution. <i>Developmental Biology</i> , 2018, 444, S14-S24.	2.0	35
10	Three-dimensional reconstructions from optical sections of thick mouse inner ears using confocal microscopy. <i>Journal of Microscopy</i> , 2012, 248, 292-298.	1.8	31
11	Gaskell revisited: new insights into spinal autonomics necessitate a revised motor neuron nomenclature. <i>Cell and Tissue Research</i> , 2017, 370, 195-209.	2.9	29
12	Primary sensory map formations reflect unique needs and molecular cues specific to each sensory system. <i>F1000Research</i> , 2019, 8, 345.	1.6	29
13	Evolutionary and Developmental Biology Provide Insights Into the Regeneration of Organ of Corti Hair Cells. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 252.	3.7	28
14	Evolving gene regulatory networks into cellular networks guiding adaptive behavior: an outline how single cells could have evolved into a centralized neurosensory system. <i>Cell and Tissue Research</i> , 2015, 359, 295-313.	2.9	26
15	Transplantation of <i>Xenopus laevis</i> Tissues to Determine the Ability of Motor Neurons to Acquire a Novel Target. <i>PLoS ONE</i> , 2013, 8, e55541.	2.5	25
16	Sensory afferent segregation in three-eared frogs resemble the dominance columns observed in three-eyed frogs. <i>Scientific Reports</i> , 2015, 5, 8338.	3.3	24
17	Using Sox2 to alleviate the hallmarks of age-related hearing loss. <i>Ageing Research Reviews</i> , 2020, 59, 101042.	10.9	24
18	Ear manipulations reveal a critical period for survival and dendritic development at the single-cell level in <i>authner</i> neurons. <i>Developmental Neurobiology</i> , 2015, 75, 1339-1351.	3.0	23

#	ARTICLE	IF	CITATIONS
19	Spiral Ganglion Neuron Projection Development to the Hindbrain in Mice Lacking Peripheral and/or Central Target Differentiation. <i>Frontiers in Neural Circuits</i> , 2017, 11, 25.	2.8	23
20	Understanding Molecular Evolution and Development of the Organ of Corti Can Provide Clues for Hearing Restoration. <i>Integrative and Comparative Biology</i> , 2018, 58, 351-365.	2.0	21
21	Age-Related Hearing Loss: Sensory and Neural Etiology and Their Interdependence. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 814528.	3.4	20
22	Combined Atoh1 and Neurod1 Deletion Reveals Autonomous Growth of Auditory Nerve Fibers. <i>Molecular Neurobiology</i> , 2020, 57, 5307-5323.	4.0	19
23	Transplantation of <i>Xenopus laevis</i> ears reveals the ability to form afferent and efferent connections with the spinal cord. <i>International Journal of Developmental Biology</i> , 2010, 54, 1443-1451.	0.6	19
24	Developmental Changes in Peripherin-eGFP Expression in Spiral Ganglion Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 678113.	3.7	18
25	A stage-specific ovarian factor with stable stimulation of juvenile hormone synthesis in corpora allata of the cockroach <i>Diploptera punctata</i> . <i>Journal of Insect Physiology</i> , 2006, 52, 929-935.	2.0	15
26	Neuroanatomical Tracing Techniques in the Ear: History, State of the Art, and Future Developments. <i>Methods in Molecular Biology</i> , 2016, 1427, 243-262.	0.9	15
27	Transplantation of Ears Provides Insights into Inner Ear Afferent Pathfinding Properties. <i>Developmental Neurobiology</i> , 2018, 78, 1064-1080.	3.0	15
28	Identification of Phe-Gly-Leu-amide type allatostatin-7 in <i>Reticulitermes flavipes</i> : Its localization in tissues and relation to juvenile hormone synthesis. <i>Peptides</i> , 2009, 30, 495-506.	2.4	14
29	Evidence for a Phe-Gly-Leu-amide-like allatostatin in the beetle <i>Tenebrio molitor</i> . <i>Peptides</i> , 2010, 31, 402-407.	2.4	13
30	Topologically correct central projections of tetrapod inner ear afferents require Fzd3. <i>Scientific Reports</i> , 2019, 9, 10298.	3.3	13
31	Isolation of cockroach Phe-Gly-Leu-amide allatostatins from the termite <i>Reticulitermes flavipes</i> and their effect on juvenile hormone synthesis. <i>Journal of Insect Physiology</i> , 2008, 54, 939-948.	2.0	12
32	Sustained Loss of Bdnf Affects Peripheral but Not Central Vestibular Targets. <i>Frontiers in Neurology</i> , 2021, 12, 768456.	2.4	12
33	Sonic hedgehog antagonists reduce size and alter patterning of the frog inner ear. <i>Developmental Neurobiology</i> , 2017, 77, 1385-1400.	3.0	11
34	Ear transplantations reveal conservation of inner ear afferent pathfinding cues. <i>Scientific Reports</i> , 2018, 8, 13819.	3.3	11
35	Neurog1, Neurod1, and Atoh1 are essential for spiral ganglia, cochlear nuclei, and cochlear hair cell development. <i>Faculty Reviews</i> , 2021, 10, 47.	3.9	11
36	Neuronal Migration Generates New Populations of Neurons That Develop Unique Connections, Physiological Properties and Pathologies. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 59.	3.7	10

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37	Smoothened overexpression causes trochlear motoneurons to reroute and innervate ipsilateral eyes. <i>Cell and Tissue Research</i> , 2021, 384, 59-72.	2.9	10
38	Combining Whole-Mount In Situ Hybridization with Neuronal Tracing and Immunohistochemistry. <i>Neuromethods</i> , 2015, , 339-352.	0.3	10
39	Isolation of the gene for the precursor of Phe-Gly-Leu-amide allatostatins in the termite <i>Reticulitermes flavipes</i> . <i>Peptides</i> , 2009, 30, 855-860.	2.4	8
40	A method for detailed movement pattern analysis of tadpole startle response. <i>Journal of the Experimental Analysis of Behavior</i> , 2017, 108, 113-124.	1.1	5
41	Auditory Nomenclature: Combining Name Recognition With Anatomical Description. <i>Frontiers in Neuroanatomy</i> , 2018, 12, 99.	1.7	5
42	Fzd3 Expression Within Inner Ear Afferent Neurons Is Necessary for Central Pathfinding. <i>Frontiers in Neuroscience</i> , 2021, 15, 779871.	2.8	4
43	Evolution and Plasticity of Inner Ear Vestibular Neurosensory Development. , 2020, , 145-161.		1
44	Evolution and Development of Lateral Line and Electroreception: An Integrated Perception of Neurons, Hair Cells and Brainstem Nuclei. , 2020, , 95-115.		0