

# Arthur N Popper

## List of Publications by Year in descending order

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221  
papers

12,267  
citations

22099

59  
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31759

101  
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247  
all docs

247  
docs citations

247  
times ranked

3839  
citing authors

#	ARTICLE	IF	CITATIONS
1	A noisy spring: the impact of globally rising underwater sound levels on fish. <i>Trends in Ecology and Evolution</i> , 2010, 25, 419-427.	4.2	718
2	The effects of anthropogenic sources of sound on fishes. <i>Journal of Fish Biology</i> , 2009, 75, 455-489.	0.7	330
3	Rethinking sound detection by fishes. <i>Hearing Research</i> , 2011, 273, 25-36.	0.9	320
4	Sound Detection and Processing by Fish: Critical Review and Major Research Questions (Part 1 of 2). <i>Brain, Behavior and Evolution</i> , 1993, 41, 14-25.	0.9	313
5	High intensity anthropogenic sound damages fish ears. <i>Journal of the Acoustical Society of America</i> , 2003, 113, 638-642.	0.5	272
6	Noise-induced stress response and hearing loss in goldfish ( <i>Carassius auratus</i> ). <i>Journal of Experimental Biology</i> , 2004, 207, 427-435.	0.8	239
7	An overview of fish bioacoustics and the impacts of anthropogenic sounds on fishes. <i>Journal of Fish Biology</i> , 2019, 94, 692-713.	0.7	230
8	Why otoliths? Insights from inner ear physiology and fisheries biology. <i>Marine and Freshwater Research</i> , 2005, 56, 497.	0.7	229
9	Evolution of hearing in vertebrates: the inner ears and processing. <i>Hearing Research</i> , 2000, 149, 1-10.	0.9	220
10	Growth of a fish ear: 1. Quantitative analysis of hair cell and ganglion cell proliferation. <i>Hearing Research</i> , 1984, 15, 133-142.	0.9	191
11	Ultrasound detection by clupeiform fishes. <i>Journal of the Acoustical Society of America</i> , 2001, 109, 3048-3054.	0.5	185
12	Structure-function relationships in fish otolith organs. <i>Fisheries Research</i> , 2000, 46, 15-25.	0.9	183
13	Acoustic detection and communication by decapod crustaceans. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2001, 187, 83-89.	0.7	176
14	Sound detection and processing by teleost fishes: a critical review. <i>Journal of the Acoustical Society of America</i> , 1973, 53, 1515-1529.	0.5	175
15	Effects of exposure to seismic airgun use on hearing of three fish species. <i>Journal of the Acoustical Society of America</i> , 2005, 117, 3958-3971.	0.5	173
16	The importance of particle motion to fishes and invertebrates. <i>Journal of the Acoustical Society of America</i> , 2018, 143, 470-488.	0.5	173
17	A scanning electron microscopic study of the sacculus and lagena in the ears of fifteen species of teleost fishes. <i>Journal of Morphology</i> , 1977, 153, 397-417.	0.6	171
18	Bioacoustics of Fishes of the Family Sciaenidae (Croakers and Drums). <i>Transactions of the American Fisheries Society</i> , 2006, 135, 1409-1431.	0.6	170

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19	Application of Sound and other Stimuli to Control Fish Behavior. Transactions of the American Fisheries Society, 1998, 127, 673-707.	0.6	161
20	Information gaps in understanding the effects of noise on fishes and invertebrates. Reviews in Fish Biology and Fisheries, 2015, 25, 39-64.	2.4	161
21	Effects of Anthropogenic Sounds on Fishes. Fisheries, 2003, 28, 24-31.	0.6	156
22	The Morphology and Evolution of the Ear in Actinopterygian Fishes. American Zoologist, 1982, 22, 311-328.	0.7	149
23	Sound Detection Mechanisms and Capabilities of Teleost Fishes. , 2003, , 3-38.		145
24	A sound approach to assessing the impact of underwater noise on marine fishes and invertebrates. ICES Journal of Marine Science, 2017, 74, 635-651.	1.2	139
25	Age- and Size-Related Changes in the Inner Ear and Hearing Ability of the Adult Zebrafish ( <i>Danio rerio</i> ). JARO - Journal of the Association for Research in Otolaryngology, 2002, 3, 174-184.	0.9	138
26	Acoustic Stimulation of the Ear of the Goldfish ( <i>Carassius Auratus</i> ). Journal of Experimental Biology, 1974, 61, 243-260.	0.8	138
27	A clupeid fish can detect ultrasound. Nature, 1997, 389, 341-341.	13.7	136
28	Anatomical and functional recovery of the goldfish ( <i>Carassius auratus</i> ) ear following noise exposure. Journal of Experimental Biology, 2006, 209, 4193-4202.	0.8	127
29	The effects of human-generated sound on fish. Integrative Zoology, 2009, 4, 43-52.	1.3	127
30	The Auditory Periphery in Fishes. Springer Handbook of Auditory Research, 1999, , 43-100.	0.3	124
31	Fine Structure and Function of the Ear. Proceedings in Life Sciences, 1981, , 3-38.	0.5	123
32	Anthropogenic Sound: Effects on the Behavior and Physiology of Fishes. Marine Technology Society Journal, 2003, 37, 35-40.	0.3	121
33	Hearing differences among Hawaiian squirrelfish (family Holocentridae) related to differences in the peripheral auditory system. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1979, 132, 203-207.	0.7	117
34	Damage and regeneration of hair cell ciliary bundles in a fish ear following treatment with gentamicin. Hearing Research, 1993, 64, 166-174.	0.9	117
35	Quantitative analyses of postembryonic hair cell addition in the otolithic endorgans of the inner ear of the european hake, <i>merluccius merluccius</i> (gadiformes, teleostei). Journal of Comparative Neurology, 1994, 345, 419-428.	0.9	116
36	Development of form and function in peripheral auditory structures of the zebrafish ( <i>Danio rerio</i> ). Journal of the Acoustical Society of America, 2003, 113, 1145-1154.	0.5	114

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37	Threshold for Onset of Injury in Chinook Salmon from Exposure to Impulsive Pile Driving Sounds. PLoS ONE, 2012, 7, e38968.	1.1	112
38	Effects of aquaculture production noise on hearing, growth, and disease resistance of rainbow trout <i>Oncorhynchus mykiss</i> . Aquaculture, 2007, 272, 687-697.	1.7	106
39	Damage and recovery of hair cells in fish canal (but not superficial) neuromasts after gentamicin exposure. Hearing Research, 1995, 91, 63-71.	0.9	102
40	Acoustical stress and hearing sensitivity in fishes: does the linear threshold shift hypothesis hold water?. Journal of Experimental Biology, 2004, 207, 3591-3602.	0.8	102
41	Functional Aspects of the Evolution of the Auditory System of Actinopterygian Fish. , 1992, , 295-322.		101
42	Effects of low-frequency underwater sound on hair cells of the inner ear and lateral line of the teleost fish <i>Astronotus ocellatus</i> . Journal of the Acoustical Society of America, 1996, 99, 1759-1766.	0.5	99
43	Detection of ultrasonic tones and simulated dolphin echolocation clicks by a teleost fish, the American shad ( <i>Alosa sapidissima</i> ). Journal of the Acoustical Society of America, 1998, 104, 562-568.	0.5	98
44	Parallel Evolution in Fish Hearing Organs. Springer Handbook of Auditory Research, 2004, , 95-127.	0.3	92
45	Effects of exposure to pile-driving sounds on the lake sturgeon, Nile tilapia and hogchoker. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4705-4714.	1.2	87
46	Processing of acoustic signals in the auditory system of bony fish. Journal of the Acoustical Society of America, 1988, 83, 338-349.	0.5	85
47	The effects of high-intensity, low-frequency active sonar on rainbow trout. Journal of the Acoustical Society of America, 2007, 122, 623-635.	0.5	85
48	The Localization and Potential Function of Glycosyltransferases in Chick Embryos. American Zoologist, 1973, 13, 1141-1167.	0.7	84
49	Acoustic Communication in Fishes and Frogs. Springer Handbook of Auditory Research, 1999, , 363-411.	0.3	84
50	Comparative scanning electron microscopic investigations of the sensory epithelia in the teleost sacculus and lagena. Journal of Comparative Neurology, 1981, 200, 357-374.	0.9	80
51	Growth of a fish ear II. Locations of newly proliferated sensory hair cells in the saccular epithelium of <i>Astronotus ocellatus</i> . Hearing Research, 1990, 45, 33-40.	0.9	75
52	The effect of vaterite deposition on sound reception, otolith morphology, and inner ear sensory epithelia in hatchery-reared Chinook salmon ( <i>Oncorhynchus tshawytscha</i> ). Canadian Journal of Fisheries and Aquatic Sciences, 2007, 64, 1469-1478.	0.7	71
53	Heterogeneity of sensory hair cells in a fish ear. Journal of Comparative Neurology, 1992, 324, 621-640.	0.9	69
54	Effects of exposure to pile driving sounds on fish inner ear tissues. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 166, 352-360.	0.8	69

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55	Auditory capacities of the Mexican blind cave fish ( <i>Astyanax jordani</i> ) and its eyed ancestor ( <i>Astyanax</i> ) Tj ETQq1 1 0,784314 rgBT /Ove	0.8	67
56	Parvulescu Revisited: Small Tank Acoustics for Bioacousticians. <i>Advances in Experimental Medicine and Biology</i> , 2016, 875, 933-941.	0.8	67
57	Scanning electron microscopic study of the otolithic organs in the bichir ( <i>polypterus bichir</i> ) and shovel-nose sturgeon ( <i>scaphirhynchus platyrhynchus</i> ). <i>Journal of Comparative Neurology</i> , 1978, 181, 117-128.	0.9	65
58	Structure and function of the ear in the marine catfish, <i>Arius felis</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1981, 144, 27-34.	0.7	64
59	Vibration detection by the macula neglecta of sharks. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1974, 47, 1235-1240.	0.7	63
60	Morphological polarizations of sensory hair cells in the three otolithic organs of a teleost fish: fluorescent imaging of ciliary bundles. <i>Hearing Research</i> , 1998, 126, 47-57.	0.9	62
61	The auditory system of the goldfish ( <i>Carassius auratus</i> ): Effects of intense acoustic stimulation. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1976, 53, 11-18.	0.7	61
62	Examining the hearing abilities of fishes. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 948-955.	0.5	60
63	Audition in sciaenid fishes with different swim bladder-inner ear configurations. <i>Journal of the Acoustical Society of America</i> , 2006, 119, 439-443.	0.5	59
64	Pure Tone Auditory Thresholds for the Carp, <i>Cyprinus carpio</i> . <i>Journal of the Acoustical Society of America</i> , 1972, 52, 1714-1717.	0.5	58
65	Form and function in the unique inner ear of a teleost: The silver perch ( <i>Bairdiella chrysoura</i> ). <i>Journal of Comparative Neurology</i> , 2004, 475, 531-539.	0.9	58
66	Zebrafish <i>pax5</i> regulates development of the utricular macula and vestibular function. <i>Developmental Dynamics</i> , 2006, 235, 3026-3038.	0.8	57
67	Auditory sensitivity and psychophysical tuning curves in the elephant nose fish, <i>Gnathonemus petersii</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1984, 155, 753-761.	0.7	56
68	Directional hearing and sound source localization by fishes. <i>Journal of the Acoustical Society of America</i> , 2018, 144, 3329-3350.	0.5	55
69	Possible precursors to new hair cells, support cells, and Schwann cells in the ear of a post-embryonic fish. <i>Hearing Research</i> , 1990, 46, 9-21.	0.9	52
70	Factors Affecting the Responses of Marine Mammals to Acoustic Disturbance. <i>Marine Technology Society Journal</i> , 2003, 37, 6-15.	0.3	52
71	The herring ear has a unique receptor pattern. <i>Nature</i> , 1979, 280, 832-833.	13.7	51
72	Sound localization by the hawaiian squirrelfishes, <i>Myripristis berndti</i> and <i>M. argyromus</i> . <i>Animal Behaviour</i> , 1973, 21, 86-97.	0.8	50

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73	Structure and function in the saccule of the goldfish ( <i>Carassius auratus</i> ): a model of diversity in the non-amniote ear. <i>Hearing Research</i> , 2000, 143, 1-13.	0.9	50
74	Neural response directionality correlates of hair cell orientation in a teleost fish. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2001, 187, 453-465.	0.7	50
75	Response of clupeid fish to ultrasound: a review. <i>ICES Journal of Marine Science</i> , 2004, 61, 1057-1061.	1.2	50
76	Scanning electron microscopic study of the sacculus and lagena in several deep-sea fishes. <i>American Journal of Anatomy</i> , 1980, 157, 115-136.	0.9	49
77	The fine structure Of the sacculus and lagena of a teleost fish. <i>Hearing Research</i> , 1981, 5, 245-263.	0.9	49
78	Sciaenid Inner Ears: A Study in Diversity. <i>Brain, Behavior and Evolution</i> , 2001, 58, 152-162.	0.9	48
79	Taking the Animalsâ€™ Perspective Regarding Anthropogenic Underwater Sound. <i>Trends in Ecology and Evolution</i> , 2020, 35, 787-794.	4.2	48
80	Sensory surface of the saccule and lagena in the ears of ostariophysan fishes. <i>Journal of Morphology</i> , 1983, 176, 121-129.	0.6	46
81	Recovery of Barotrauma Injuries Resulting from Exposure to Pile Driving Sound in Two Sizes of Hybrid Striped Bass. <i>PLoS ONE</i> , 2013, 8, e73844.	1.1	46
82	Structure and innervation of the inner ear of the bowfin, <i>Amia calva</i> . <i>Journal of Comparative Neurology</i> , 1983, 213, 279-286.	0.9	44
83	The influence of ambient temperature and thermal acclimation on hearing in a eurythermal and a stenothermal otophysan fish. <i>Journal of Experimental Biology</i> , 2009, 212, 3091-3099.	0.8	43
84	ASA S3/SC1.4 TR-2014 Sound Exposure Guidelines for Fishes and Sea Turtles: A Technical Report prepared by ANSI-Accredited Standards Committee S3/SC1 and registered with ANSI. <i>SpringerBriefs in Oceanography</i> , 2014, , .	0.1	43
85	Role of the Fish Ear in Sound Processing. , 1988, , 687-710.		43
86	Recovery of Barotrauma Injuries in Chinook Salmon, <i>Oncorhynchus tshawytscha</i> from Exposure to Pile Driving Sound. <i>PLoS ONE</i> , 2012, 7, e39593.	1.1	42
87	Cell proliferation and hair cell addition in the ear of the goldfish, <i>Carassius auratus</i> . <i>Hearing Research</i> , 1996, 100, 1-9.	0.9	40
88	Evasive responses of American shad ( <i>Alosa sapidissima</i> ) to ultrasonic stimuli. <i>Acoustics Research Letters Online: ARLO</i> , 2003, 4, 25-30.	0.7	40
89	Hearing and Acoustic Behavior: Basic and Applied Considerations. , 2008, , 17-48.		40
90	Effects of mid-frequency active sonar on hearing in fish. <i>Journal of the Acoustical Society of America</i> , 2012, 131, 599-607.	0.5	40

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91	Acoustic functions in the fish ear. Trends in Neurosciences, 1982, 5, 276-280.	4.2	39
92	Substrate vibrations and their potential effects upon fishes and invertebrates. Journal of the Acoustical Society of America, 2021, 149, 2782-2790.	0.5	38
93	Masked auditory thresholds in sciaenid fishes: A comparative study. Journal of the Acoustical Society of America, 2004, 116, 1687-1691.	0.5	37
94	Evolution of Sensory Hair Cells. Springer Handbook of Auditory Research, 2004, , 55-94.	0.3	37
95	Structure and Function of the Elasmobranch Auditory System. American Zoologist, 1977, 17, 443-452.	0.7	36
96	Sensory and Nonsensory Ciliated Cells In the Ear of the Sea Lamprey, <i>Petromyzon marinus</i> . Brain, Behavior and Evolution, 1987, 30, 43-61.	0.9	36
97	Hair cell precursors are ultrastructurally indistinguishable from mature support cells in the ear of a postembryonic fish. Hearing Research, 1996, 100, 10-20.	0.9	36
98	The inner ear of the lungfish <i>Protopterus</i> . Journal of Comparative Neurology, 2004, 471, 277-288.	0.9	36
99	Cepstral and stationarity analyses of full-term and premature infants' cries. Journal of the Acoustical Society of America, 1974, 56, 975-980.	0.5	35
100	Ultrastructure of the sacculus and lagena in a moray eel ( <i>Gymnothorax</i> sp.). Journal of Morphology, 1979, 161, 241-256.	0.6	35
101	Hair cell heterogeneity and ultrasonic hearing: recent advances in understanding fish hearing. Philosophical Transactions of the Royal Society B: Biological Sciences, 2000, 355, 1277-1280.	1.8	35
102	The inner ears of Northern Canadian freshwater fishes following exposure to seismic air gun sounds. Journal of the Acoustical Society of America, 2008, 124, 1360-1366.	0.5	35
103	Hair Cell Orientation Patterns on the Sacculles of Juvenile and Adult Toadfish, <i>Opsanus tau</i> . Acta Zoologica, 1995, 76, 257-265.	0.6	34
104	Pacific herring hearing does not include ultrasound. Biology Letters, 2005, 1, 158-161.	1.0	34
105	Fish Hearing: New Perspectives from Two "Senior" Bioacousticians. Brain, Behavior and Evolution, 2012, 79, 215-217.	0.9	34
106	Auditory Threshold in the Goldfish ( <i>Carassius auratus</i> ) as a Function of Signal Duration. Journal of the Acoustical Society of America, 1972, 52, 596-602.	0.5	33
107	Structural variation in the inner ears of four deep-sea elopomorph fishes. Journal of Morphology, 2005, 265, 215-225.	0.6	33
108	Fish hearing "specialization" a re-evaluation. Hearing Research, 2022, 425, 108393.	0.9	32

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109	Auditory Evoked Potential Audiograms Compared with Behavioral Audiograms in Aquatic Animals. <i>Advances in Experimental Medicine and Biology</i> , 2016, 875, 1049-1056.	0.8	31
110	Gross and ultrastructural development of the saccule of the toadfish <i>Opsanus tau</i> . <i>Journal of Morphology</i> , 1987, 194, 323-348.	0.6	30
111	Auditory response of saccular neurons of the catfish, <i>Ictalurus punctatus</i> . <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1984, 155, 615-624.	0.7	29
112	Variations in receptor cell innervation in the saccule of a teleost fish ear. <i>Hearing Research</i> , 1990, 46, 211-227.	0.9	29
113	Proliferation of vertebrate inner ear supporting cells. , 1999, 39, 527-535.		29
114	Minimizing noise in fiberglass aquaculture tanks: Noise reduction potential of various retrofits. <i>Aquacultural Engineering</i> , 2007, 37, 125-131.	1.4	29
115	How to set sound exposure criteria for fishes. <i>Journal of the Acoustical Society of America</i> , 2020, 147, 1762-1777.	0.5	29
116	Comparison of the inner ear ultrastructure between teleost fishes using different channels for communication. <i>Hearing Research</i> , 2001, 154, 62-72.	0.9	28
117	The inner ear and its coupling to the swim bladder in the deep-sea fish <i>Antimora rostrata</i> (Teleostei): Tj ETQq1 1 0.784314 rgBT /Over 0.6 28	0.6	28
118	Interspecific Variations of Inner Ear Structure in the Deep-Sea Fish Family Melamphaidae. <i>Anatomical Record</i> , 2013, 296, 1064-1082.	0.8	28
119	Structure and Function of the Auditory System in the Clown Knifefish, <i>Notopterus Chitala</i> . <i>Journal of Experimental Biology</i> , 1982, 97, 225-239.	0.8	28
120	Offshore wind energy development: Research priorities for sound and vibration effects on fishes and aquatic invertebrates. <i>Journal of the Acoustical Society of America</i> , 2022, 151, 205-215.	0.5	28
121	Spatial organization in the saccule and lagena of a teleost: Hair cell pattern and innervation. <i>Journal of Morphology</i> , 1983, 177, 301-317.	0.6	27
122	Two types of sensory hair cell in the saccule of a teleost fish. <i>Hearing Research</i> , 1993, 64, 211-216.	0.9	27
123	Hair Cell Heterogeneity in the Goldfish Saccule. <i>Brain, Behavior and Evolution</i> , 1995, 46, 362-370.	0.9	27
124	Effects of noise on fishes: What we can learn from humans and birds. <i>Integrative Zoology</i> , 2015, 10, 29-37.	1.3	27
125	Short- and long-term monitoring of underwater sound levels in the Hudson River (New York, USA). <i>Journal of the Acoustical Society of America</i> , 2016, 139, 1886-1897.	0.5	27
126	Fish hearing and how it is best determined. <i>ICES Journal of Marine Science</i> , 2021, 78, 2325-2336.	1.2	27



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127	Sound reception in two anabantid fishes. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1987, 88, 37-44.	0.7	26
128	Effects of Man-Made Sound on Fishes. <i>Springer Handbook of Auditory Research</i> , 2018, , 145-177.	0.3	25
129	Physical effects of sound exposure from underwater explosions on Pacific sardines ( <i>Sardinops</i> ). <i>Journal of Experimental Biology</i> , 2014, 227, 105-114.	0.5	24
130	The ultrastructure and innervation of the ear of the gar, <i>Lepisosteus osseus</i> . <i>Journal of Morphology</i> , 1987, 194, 129-142.	0.6	23
131	Auditory sensitivity of the cichlid fish <i>Astronotus ocellatus</i> (Cuvier). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1992, 171, 105-9.	0.7	23
132	Novel afferent terminal structure in the crista ampullaris of the goldfish, <i>Carassius auratus</i> . , 1996, 366, 572-579.		23
133	Myosin VI and VIIa distribution among inner ear epithelia in diverse fishes. <i>Hearing Research</i> , 2007, 224, 15-26.	0.9	23
134	Hearing Sensitivity of the Walleye Pollock. <i>Transactions of the American Fisheries Society</i> , 2009, 138, 1000-1008.	0.6	21
135	Frequency tuning and intensity coding of sound in the auditory periphery of the lake sturgeon, <i>Acipenser fulvescens</i> . <i>Journal of Experimental Biology</i> , 2010, 213, 1567-1578.	0.8	21
136	The Ear as Part of the Octavolateralis System. , 1989, , 633-651.		19
137	Spatial and morphological differentiation of trigger zones in afferent fibers to the teleost utricle. <i>Journal of Comparative Neurology</i> , 1990, 302, 629-642.	0.9	19
138	Exposure of fish to high-intensity sonar does not induce acute pathology. <i>Journal of Fish Biology</i> , 2010, 76, 1825-1840.	0.7	19
139	The Octavolateralis System and Mauthner Cell: Interactions and Questions. <i>Brain, Behavior and Evolution</i> , 1995, 46, 124-130.	0.9	18
140	Barging Effects on Sensory Systems of Chinook Salmon Smolts. <i>Transactions of the American Fisheries Society</i> , 2009, 138, 777-789.	0.6	18
141	Coding of sound direction in the auditory periphery of the lake sturgeon, <i>Acipenser fulvescens</i> . <i>Journal of Neurophysiology</i> , 2012, 107, 658-665.	0.9	18
142	Transmission electron microscopic study of the saccule in the embryonic, larval, and adult toadfish <i>Opsanus tau</i> . <i>Journal of Morphology</i> , 1988, 198, 49-69.	0.6	17
143	Neuronal Encoding of Ultrasonic Sound by a Fish. <i>Journal of Neurophysiology</i> , 2004, 91, 2590-2597.	0.9	17
144	Structure of the inner ear of bluefin tuna <i>Thunnus thynnus</i> . <i>Journal of Fish Biology</i> , 2006, 68, 1767-1781.	0.7	17

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145	Central-Peripheral and Rostral-Caudal Organization of the Innervation of the Sacculle in a Cichlid Fish. <i>Brain, Behavior and Evolution</i> , 1992, 39, 197-207.	0.9	16
146	Are Sharks Even Bothered by a Noisy Environment?. <i>Advances in Experimental Medicine and Biology</i> , 2012, 730, 93-97.	0.8	16
147	â€œLargeâ€•Tank Acoustics: How Big Is Big Enough?. <i>Advances in Experimental Medicine and Biology</i> , 2016, 875, 363-369.	0.8	16
148	The morphology of the Weberian ossicles of two species of the genus <i>Astyanax</i> (Ostariophysi): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	0.6	15
149	Hair Cell Death in a Hearing-Deficient Canary. , 2001, 2, 79-86.		15
150	Structural Diversity in the Inner Ear of Teleost Fishes: Implications for Connections to the Mauthner Cell. <i>Brain, Behavior and Evolution</i> , 1995, 46, 131-140.	0.9	13
151	INTRODUCTION: INTERNATIONAL CONFERENCE ON THE EFFECTS OF NOISE ON AQUATIC LIFE. <i>Bioacoustics</i> , 2008, 17, 1-3.	0.7	13
152	Use of sound to guide the movement of eels and other fishes within rivers: a critical review. <i>Reviews in Fish Biology and Fisheries</i> , 2020, 30, 605-622.	2.4	13
153	An evaluation of methods for behavioral investigations of teleost audition. <i>Behavior Research Methods</i> , 1973, 5, 470-472.	2.3	12
154	Comparative frequency selectivity in fishes: Simultaneously and forwardâ€•masked psychophysical tuning curves. <i>Journal of the Acoustical Society of America</i> , 1982, 71, 133-141.	0.5	12
155	Effects of low-frequency naval sonar exposure on three species of fish. <i>Journal of the Acoustical Society of America</i> , 2013, 134, EL205-EL210.	0.5	12
156	Sound Exposure Guidelines. <i>SpringerBriefs in Oceanography</i> , 2014, , 33-51.	0.1	12
157	Dendritic arbors on the sacculle and lagena in the ear of the goldfish, <i>Carassius auratus</i> . <i>Hearing Research</i> , 2000, 141, 229-242.	0.9	11
158	Some lessons from the effects of highway noise on birds. <i>Proceedings of Meetings on Acoustics</i> , 2016, , ,	0.3	11
159	A ganglionic source of new eighth nerve neurons in a post-embryonic fish. <i>Hearing Research</i> , 1990, 46, 23-28.	0.9	10
160	Introduction to Fish Bioacoustics. , 2008, , 1-15.		10
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