Matthew J Mason

List of Publications by Year
in descending order

57	1,422	279798	361022
papers	citations	23 h-index	35 g-index

58	58	58	1126
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The naked truth: a comprehensive clarification and classification of current â€˜mythsâ€™ in naked moleâ€rat biology. Biological Reviews, 2022, 97, 115-140.	10.4	62
2	Internal vascular channel architecture in human auditory ossicles. Journal of Anatomy, 2022, 241, 245-258.	1.5	3
3	Structure and function of respiratory turbinates in phocid seals. Polar Biology, 2020, 43, 157-173.	1.2	8
4	Functional anatomy of the middle and inner ears of the red fox, in comparison to domestic dogs and cats. Journal of Anatomy, 2020, 236, 980-995.	1.5	10
5	The middle ear of the pink fairy armadillo Chlamyphorus truncatus (Xenarthra, Cingulata,) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Anatomy, 2020, 236, 809-826.	1.5	7
6	Intense bone fluorescence reveals hidden patterns in pumpkin toadlets. Scientific Reports, 2019, 9, 5388.	3.3	18
7	A Putative Mechanism for Magnetoreception by Electromagnetic Induction in the Pigeon Inner Ear. Current Biology, 2019, 29, 4052-4059.e4.	3.9	61
8	Mechanisms of Vibration Detection in Mammals. Animal Signals and Communication, 2019, , 177-208.	0.8	1
9	The middle and inner ears of the Palaeogene golden mole Namachloris: A comparison with extant species. Journal of Morphology, 2018, 279, 375-395.	1.2	7
10	Ectopic otoconial formation in the lagena of the pigeon inner ear. Biology Open, 2018, 7, .	1.2	2
11	Evidence of auditory insensitivity to vocalization frequencies in two frogs. Scientific Reports, 2017, 7, 12121.	3.3	24
12	Undergraduate students as co-producers in the creation of first-year practical class resources. Higher Education Pedagogies, 2017, 2, 58-78.	3.5	13
13	Introduction. Journal of Anatomy, 2016, 228, 215-216.	1.5	0
14	Early development of the malleus and incus in humans. Journal of Anatomy, 2016, 229, 857-870.	1.5	22
15	Internally coupled ears in living mammals. Biological Cybernetics, 2016, 110, 345-358.	1.3	13
16	Structure and function of the mammalian middle ear. II: Inferring function from structure. Journal of Anatomy, 2016, 228, 300-312.	1.5	59
17	Structure and function of the mammalian middle ear. I: Large middle ears in small desert mammals. Journal of Anatomy, 2016, 228, 284-299.	1.5	54
18	Ear Structures of the Naked Mole-Rat, Heterocephalus glaber, and Its Relatives (Rodentia:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (E	2.5	40

#	Article	IF	Citations
19	Functional morphology of rodent middle ears. , 2015, , 373-404.		12
20	The Frog Inner Ear: Picture Perfect?. JARO - Journal of the Association for Research in Otolaryngology, 2015, 16, 171-188.	1.8	15
21	Vocal development during postnatal growth and ear morphology in a shrew that generates seismic vibrations, Diplomesodon pulchellum. Behavioural Processes, 2015, 118, 130-141.	1.1	16
22	Of mice, moles and guinea pigs: Functional morphology of the middle ear in living mammals. Hearing Research, 2013, 301, 4-18.	2.0	77
23	Flexibility within the middle ears of vertebrates. Journal of Laryngology and Otology, 2013, 127, 2-14.	0.8	33
24	Characterization of the phosphatic mineral of the barnacle Ibla cumingi at atomic level by solid-state nuclear magnetic resonance: comparison with other phosphatic biominerals. Journal of the Royal Society Interface, 2012, 9, 1510-1516.	3.4	16
25	Mechanics of the frog ear. Hearing Research, 2011, 273, 46-58.	2.0	39
26	Mass distribution and rotational inertia of â€œmicrotypeâ€•and â€œfreely mobileâ€•middle ear ossicles in rodents. Hearing Research, 2011, 282, 97-107.	2.0	29
27	Absolute power, not sex, promotes perspiration. Experimental Physiology, 2011, 96, 556-558.	2.0	19
28	Contrasts between organic participation in apatite biomineralization in brachiopod shell and vertebrate bone identified by nuclear magnetic resonance spectroscopy. Journal of the Royal Society Interface, 2011, 8, 282-288.	3.4	16
29	Middle ear structure and bone conduction in Spalax, Eospalax, and Tachyoryctes moleâ€•rats (Rodentia: Spalacidae). Journal of Morphology, 2010, 271, 462-472.	1.2	22
30	A bony connection signals laryngeal echolocation in bats. Nature, 2010, 463, 939-942.	27.8	107
31	Veselka et al. reply. Nature, 2010, 466, E7-E7.	27.8	1
32	Veselka et al. reply. Nature, 2010, 466, E9-E9.	27.8	3
33	Comments on â€œTympanic-membrane and malleusâ€“incus-complex co-adaptations for high-frequency hearing in mammalsâ€, by Sunil Puria & Charles Steele. Hearing Research, 2010, 267, 1-3.	2.0	3
34	Middle ear instrument nomenclature: a taxonomic approach. BMJ: British Medical Journal, 2010, 341, c5137-c5137.	2.3	2
35	Middle ear morphology in dormice (Rodentia: Gliridae). Mammalian Biology, 2008, 73, 330-334.	1.5	8
36	Middle Ear Structures ofOctodon degus(Rodentia: Octodontidae), in Comparison with Those of Subterranean Caviomorphs. Journal of Mammalogy, 2008, 89, 1447-1455.	1.3	34

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37	The effect of auditory stimulation on the tensor tympani in patients following stapedectomy. Acta Oto-Laryngologica, 2008, 128, 250-254.	0.9	10
38	Pathways for Sound Transmission to the Inner Ear in Amphibians. , 2007, , 147-183.		16
39	Ossicular density in golden moles (Chrysochloridae). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2006, 192, 1349-1357.	1.6	6
40	Evolution of the middle ear apparatus in talpid moles. Journal of Morphology, 2006, 267, 678-695.	1.2	39
41	Preliminary evidence for the use of microseismic cues for navigation by the Namib golden mole. Journal of the Acoustical Society of America, 2006, 119, 1260.	1.1	24
42	Functional morphology of the middle ear inChlorotalpa golden moles (mammalia, Chrysochloridae): Predictions from three models. Journal of Morphology, 2004, 261, 162-174.	1.2	18
43	THE MIDDLE EAR APPARATUS OF THE TUCO-TUCO CTENOMYS SOCIABILIS (RODENTIA, CTENOMYIDAE). Journal of Mammalogy, 2004, 85, 797-805.	1.3	29
44	Bone conduction and seismic sensitivity in golden moles (Chrysochloridae). Journal of Zoology, 2003, 260, 405-413.	1.7	34
45	Morphology of the middle ear of golden moles (Chrysochloridae). Journal of Zoology, 2003, 260, 391-403.	1.7	44
46	Physiological vulnerability of distortion product otoacoustic emissions from the amphibian ear. Journal of the Acoustical Society of America, 2003, 114, 2044-2048.	1.1	23
47	Sex Differences in the Middle Ear of the Bullfrog (Rana catesbeiana). Brain, Behavior and Evolution, 2003, 61, 91-101.	1.7	23
48	Seismic sensitivity in the desert golden mole (Eremitalpa granti): A review.. Journal of Comparative Psychology (Washington, D C: 1983), 2002, 116, 158-163.	0.5	29
49	Distortion product otoacoustic emissions in frogs: correlation with middle and inner ear properties. Hearing Research, 2002, 173, 100-108.	2.0	27
50	Seismic sensitivity in the desert golden mole (Eremitalpa granti): A review.. Journal of Comparative Psychology (Washington, D C: 1983), 2002, 116, 158-163.	0.5	1
51	Vibrometric studies of the middle ear of the bullfrogRana catesbeianaII. The operculum. Journal of Experimental Biology, 2002, 205, 3167-3176.	1.7	29
52	Vibrometric studies of the middle ear of the bullfrog Rana catesbeiana I. The extrastapes. Journal of Experimental Biology, 2002, 205, 3153-3165.	1.7	27
53	Vibrometric studies of the middle ear of the bullfrog Rana catesbeiana I. The extrastapes. Journal of Experimental Biology, 2002, 205, 3153-65.	1.7	21
54	Vibrometric studies of the middle ear of the bullfrog Rana catesbeiana II. The operculum. Journal of Experimental Biology, 2002, 205, 3167-76.	1.7	21

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55	Seismic Signal Use by Fossorial Mammals. American Zoologist, 2001, 41, 1171-1184.	0.7	11
56	Seismic Signal Use by Fossorial Mammals1. American Zoologist, 2001, 41, 1171-1184.	0.7	38
57	Middle ear structures in fossorial mammals: a comparison with nonâ€fossorial species. Journal of Zoology, 2001, 255, 467-486.	1.7	88