Frank Kirschbaum

List of Publications by Year
in descending order

35	761	567281 15	526287 27
papers	citations	h-index	g-index

38	38	38	358
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ovary structure and oogenesis in internally and externally fertilizing Osteoglossiformes (Teleostei:Osteoglossomorpha). Acta Zoologica, 2022, 103, 346-364.	0.8	5
2	Intergenus F1-hybrids of African weakly electric fish (Mormyridae: Gnathonemus petersii â™, Ã—) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 Neuroethology, Sensory, Neural, and Behavioral Physiology, 2022, 208, 355-371.	1.6	1
3	Ontogeny of the electric organ discharge and of the papillae of the electrocytes in the weakly electric fish <scp>Campylomormyrus rhynchophorus</scp> (Teleostei: Mormyridae). Journal of Comparative Neurology, 2021, 529, 1052-1065.	1.6	2
4	Intragenus F1-hybrids of African weakly electric fish (Mormyridae: Campylomormyrus tamandua â™,â€‰Ã—â€‰C.) Tj ETQq0 0 0 rgBT and Behavioral Physiology, 2020, 206, 571-585.	1.6	2
5	Morphological differentiation in African weakly electric fish (genus Campylomormyrus) relates to substrate preferences. Evolutionary Ecology, 2020, 34, 427-437.	1.2	4
6	Ontogeny of electric organ and electric organ discharge in Campylomormyrus rhynchophorus (Teleostei: Mormyridae). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2020, 206, 453-466.	1.6	4
7	Transcriptome-wide single nucleotide polymorphisms related to electric organ discharge differentiation among African weakly electric fish species. PLoS ONE, 2020, 15, e0240812.	2.5	2
8	Silencing the Spark: CRISPR/Cas9 Genome Editing in Weakly Electric Fish. Journal of Visualized Experiments, 2019, , .	0.3	5
9	Disembodying the invisible: electrocommunication and social interactions by passive reception of a moving playback signal. Journal of Experimental Biology, 2018, 221, .	1.7	4
10	Male-mediated species recognition among African weakly electric fishes. Royal Society Open Science, 2018, 5, 170443.	2.4	11
11	Electric pulse characteristics can enable species recognition in African weakly electric fish species. Scientific Reports, 2018, 8, 10799.	3.3	10
12	Reproduction and development in some species of the weakly electric genus Campylomormyrus (Mormyridae, Teleostei). Environmental Biology of Fishes, 2017, 100, 49-68.	1.0	12
13	Electric organ discharge diversification in mormyrid weakly electric fish is associated with differential expression of voltage-gated ion channel genes. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2017, 203, 183-195.	1.6	19
14	Social interactions between live and artificial weakly electric fish: Electrocommunication and locomotor behavior of Mormyrus rume proboscirostris towards a mobile dummy fish. PLoS ONE, 2017, 12, e0184622.	2.5	14
15	Intragenus (Campylomormyrus) and intergenus hybrids in mormyrid fish: Physiological and histological investigations of the electric organ ontogeny. Journal of Physiology (Paris), 2016, 110, 281-301.	2.1	14
16	Karyotype description of the African weakly electric fish Campylomormyrus compressirostris in the context of chromosome evolution in Osteoglossiformes. Journal of Physiology (Paris), 2016, 110, 273-280.	2.1	8
17	Species delimitation and phylogenetic relationships in a genus of African weakly-electric fishes (Osteoglossiformes, Mormyridae, Campylomormyrus). Molecular Phylogenetics and Evolution, 2016, 101, 8-18.	2.7	24
18	Post-hatching brain morphogenesis and cell proliferation in the pulse-type mormyrid Mormyrus rume proboscirostris. Journal of Physiology (Paris), 2016, 110, 245-258.	2.1	6

#	Article	IF	Citations
19	Evidence for Non-neutral Evolution in a Sodium Channel Gene in African Weakly Electric Fish (Campylomormyrus, Mormyridae). Journal of Molecular Evolution, 2016, 83, 61-77.	1.8	18
20	Cross-tissue and cross-species analysis of gene expression in skeletal muscle and electric organ of African weakly-electric fish (Teleostei; Mormyridae). BMC Genomics, 2015, 16, 668.	2.8	38
21	Comparative histology of the adult electric organ among four species of the genus Campylomormyrus (Teleostei: Mormyridae). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2015, 201, 357-374.	1.6	19
22	De novo assembly and characterization of the skeletal muscle and electric organ transcriptomes of the African weakly electric fish Campylomormyrus compressirostris (Mormyridae, Teleostei). Molecular Ecology Resources, 2014, 14, 1222-1230.	4.8	31
23	Ontogeny of the Electric Organs in the Electric Eel, Electrophorus electricus: Physiological, Histological, and Fine Structural Investigations. Brain, Behavior and Evolution, 2014, 84, 288-302.	1.7	10
24	Electric Organ Discharge Divergence Promotes Ecological Speciation in Sympatrically Occurring African Weakly Electric Fish (Campylomormyrus). , 2010, , 307-321.		10
25	Magic trait Electric Organ Discharge (EOD). Communicative and Integrative Biology, 2009, 2, 329-331.	1.4	36
26	Electrifying love: electric fish use species-specific discharge for mate recognition. Biology Letters, 2009, 5, 225-228.	2.3	82
27	Adaptive radiation in the Congo River: An ecological speciation scenario for African weakly electric fish (Teleostei; Mormyridae; Campylomormyrus). Journal of Physiology (Paris), 2008, 102, 340-346.	2.1	41
28	Control of Gonadal Maturation and Regression by Experimental Variation of Environmental Factors in the Mormyrid Fish, Mormyrus rume proboscirostris. Environmental Biology of Fishes, 2004, 70, 227-233.	1.0	25
29	Reproduction and development of the weakly electric fish, Pollimyrus isidori (Mormyridae, Teleostei) in captivity. Environmental Biology of Fishes, 1987, 20, 11-31.	1.0	60
30	Sex differences in the waveform of the pulse-type electric fish,Pollimyrus isidori (Mormyridae). Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1982, 145, 399-403.	1.6	44
31	On the development of the adult electric organ in the mormyrid fishPollimyrus isidori (with special) Tj ETQq1 1 0.784314 rgBT /Overlo	1.5	42
32	ONTOGENY OF BOTH LARVAL ELECTRIC ORGAN AND ELECTROMOTONEURONES IN POLLIMYRUS ISIDORI (MORMYRIDAE, TELEOSTEI). , 1981, , 129-157.		6
33	The larval electric organ of the weakly electric fishPollimyrus (Marcusenius) isidori (Mormyridae,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	39
34	Emergence and development of the electric organ discharge in the mormyrid fish,Pollimyrus isidori. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1978, 127, 45-59.	1.6	55
35	Emergence and development of the electric organ discharge in the mormyrid fish,Pollimyrus isidori. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1977, 122, 251-271.	1.6	57