

Emily M Standen

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

740
citations

840776

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22
g-index

24
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24
docs citations

24
times ranked

649
citing authors

#	ARTICLE	IF	CITATIONS
1	Developmental plasticity and the origin of tetrapods. <i>Nature</i> , 2014, 513, 54-58.	27.8	168
2	Dorsal and anal fin function in bluegill sunfish <i>Lepomis macrochirus</i> : three-dimensional kinematics during propulsion and maneuvering. <i>Journal of Experimental Biology</i> , 2005, 208, 2753-2763.	1.7	163
3	Hydrodynamic function of dorsal and anal fins in brook trout (<i>Salvelinus fontinalis</i>). <i>Journal of Experimental Biology</i> , 2007, 210, 325-339.	1.7	114
4	Pelvic fin locomotor function in fishes: three-dimensional kinematics in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Journal of Experimental Biology</i> , 2008, 211, 2931-2942.	1.7	49
5	Decoding the essential interplay between central and peripheral control in adaptive locomotion of amphibious centipedes. <i>Scientific Reports</i> , 2019, 9, 18288.	3.3	39
6	Locomotor flexibility of <i>Polypterus senegalus</i> across various aquatic and terrestrial substrates. <i>Zoology</i> , 2016, 119, 447-454.	1.2	30
7	Muscle activity and hydrodynamic function of pelvic fins in trout (<i>Oncorhynchus mykiss</i>). <i>Journal of Experimental Biology</i> , 2010, 213, 831-841.	1.7	29
8	Median fin function during the escape response of bluegill sunfish (<i>Lepomis macrochirus</i>). I: Fin-ray orientation and movement. <i>Journal of Experimental Biology</i> , 2012, 215, 2869-2880.	1.7	26
9	Median fin function during the escape response of bluegill sunfish (<i>Lepomis macrochirus</i>). II: Fin-ray curvature. <i>Journal of Experimental Biology</i> , 2012, 215, 2881-2890.	1.7	25
10	<i>Polypterus</i> and the evolution of fish pectoral musculature. <i>Journal of Anatomy</i> , 2015, 226, 511-522.	1.5	17
11	Gill remodelling during terrestrial acclimation in the amphibious fish <i>Polypterus senegalus</i> . <i>Journal of Morphology</i> , 2019, 280, 329-338.	1.2	14
12	Phenotypic plasticity of muscle fiber type in the pectoral fins of <i>Polypterus senegalus</i> reared in a terrestrial environment. <i>Journal of Experimental Biology</i> , 2017, 220, 3406-3410.	1.7	12
13	Aerial and aquatic visual acuity of the grey bichir <i>Polypterus senegalus</i> , as estimated by optokinetic response. <i>Journal of Fish Biology</i> , 2019, 95, 263-273.	1.6	9
14	Terrestrial acclimation and exercise lead to bone functional response in <i>Polypterus</i> pectoral fins. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	9
15	Fin and body neuromuscular coordination changes during walking and swimming in <i>Polypterus senegalus</i> . <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	8
16	Increasing Viscosity Helps Explain Locomotor Control in Swimming <i>Polypterus senegalus</i> . <i>Integrative Organismal Biology</i> , 2021, 3, obab024.	1.8	7
17	Patterns and processes in amphibious fish: biomechanics and neural control of fish terrestrial locomotion. <i>Journal of Experimental Biology</i> , 2022, 225, .	1.7	6
18	Foretelling the Flexâ€™ Vertebral Shape Predicts Behavior and Ecology of Fishes. <i>Integrative and Comparative Biology</i> , 2021, 61, 414-426.	2.0	5

#	ARTICLE	IF	CITATIONS
19	Context-dependent relationships between swimming, terrestrial jumping, and body composition in the amphibious fish <i>Kryptolebias marmoratus</i> . <i>Journal of Experimental Biology</i> , 2022, , .	1.7	4
20	Kinematic performance and muscle activation patterns during post-freeze locomotion in the Wood Frog (<i>Rana sylvatica</i>). <i>Canadian Journal of Zoology</i> , 2018, 96, 728-738.	1.0	2
21	Body and Tail Coordination in the Bluespot Salamander (<i>Ambystoma laterale</i>) During Limb Regeneration. <i>Frontiers in Robotics and AI</i> , 2021, 8, 629713.	3.2	2
22	3D geometric morphometric analysis of phenotypic plasticity in the pectoral girdle of a basal actinopterygian fish. <i>FASEB Journal</i> , 2013, 27, 79.4.	0.5	1
23	The importance of familiarity, relatedness, and vision in social recognition in wild and laboratory populations of a selfing, hermaphroditic mangrove fish. <i>Behavioral Ecology and Sociobiology</i> , 2022, 76, 1.	1.4	1
24	Zoological Endeavors Inspired by A. Richard Palmer: Introduction, Biography, and Bibliography. <i>Canadian Journal of Zoology</i> , 2020, 98, v-xxiii.	1.0	0