Arjan P Palstra

List of Publications by Year
in descending order

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25	912	516710 16	642732 23
papers	citations	h-index	g-index

25	25	25	1035
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantitative trait loci controlling swimming performance and their effect on growth in Nile tilapia (Oreochromis niloticus). Aquaculture, 2022, 560, 738522.	3.5	1
2	Aerobic swimming in intensive finfish aquaculture: applications for production, mitigation and selection. Reviews in Aquaculture, 2021, 13, 138-155.	9.0	32
3	Accelerometry of Seabream in a Sea-Cage: Is Acceleration a Good Proxy for Activity?. Frontiers in Marine Science, 2021, 8, .	2.5	6
4	Heritable variation in swimming performance in Nile tilapia (Oreochromis niloticus) and negative genetic correlations with growth and harvest weight. Scientific Reports, 2021, 11, 11018.	3.3	11
5	Physiological Effects of Water Flow Induced Swimming Exercise in Seabream Sparus aurata. Frontiers in Physiology, 2020, 11, 610049.	2.8	22
6	Cortisol Acting Through the Glucocorticoid Receptor Is Not Involved in Exercise-Enhanced Growth, But Does Affect the White Skeletal Muscle Transcriptome in Zebrafish (Danio rerio). Frontiers in Physiology, 2019, 9, 1889.	2.8	13
7	Swimming exercise to control precocious maturation in male seabass (Dicentrarchus labrax). BMC Developmental Biology, 2018, 18, 10.	2.1	9
8	Immunomodulatory Effects of Dietary Seaweeds in LPS Challenged Atlantic Salmon Salmo salar as Determined by Deep RNA Sequencing of the Head Kidney Transcriptome. Frontiers in Physiology, 2018, 9, 625.	2.8	20
9	Editorial: Physiological Adaptations to Swimming in Fish. Frontiers in Physiology, 2017, 8, 59.	2.8	1
10	Simulated migration under mimicked photothermal conditions enhances sexual maturation of farmed European eel (Anguilla anguilla). Aquaculture, 2016, 452, 367-372.	3.5	16
11	Swimming-induced exercise promotes hypertrophy and vascularization of fast skeletal muscle fibres and activation of myogenic and angiogenic transcriptional programs in adult zebrafish. BMC Genomics, 2014, 15, 1136.	2.8	67
12	Fueling the engine: induction of AMP-activated protein kinase in trout skeletal muscle by swimming. Journal of Experimental Biology, 2014, 217, 1649-52.	1.7	35
13	Forced sustained swimming exercise at optimal speed enhances growth of juvenile yellowtail kingfish (Seriola lalandi). Frontiers in Physiology, 2014, 5, 506.	2.8	52
14	Salmonid Reproductive Migration and Effects on Sexual Maturation. , 2013, , 3-17.		0
15	Transcriptomic and Proteomic Response of Skeletal Muscle to Swimming-Induced Exercise in Fish. , 2013, , 237-256.		2
16	Deep RNA Sequencing of the Skeletal Muscle Transcriptome in Swimming Fish. PLoS ONE, 2013, 8, e53171.	2.5	62
17	AMP-Activated Protein Kinase Plays an Important Evolutionary Conserved Role in the Regulation of Glucose Metabolism in Fish Skeletal Muscle Cells. PLoS ONE, 2012, 7, e31219.	2.5	99
18	Temporal progression in migratory status and sexual maturation in European silver eels during downstream migration. Fish Physiology and Biochemistry, 2011, 37, 285-296.	2.3	17

#	Article	IF	Citations
19	Fish under exercise. Fish Physiology and Biochemistry, 2011, 37, 259-272.	2.3	134
20	Swimming physiology of European silver eels (Anguilla anguilla L.): energetic costs and effects on sexual maturation and reproduction. Fish Physiology and Biochemistry, 2010, 36, 297-322.	2.3	83
21	Swimming suppresses hepatic vitellogenesis in European female silver eels as shown by expression of the estrogen receptor 1, vitellogenin1 and vitellogenin2 in the liver. Reproductive Biology and Endocrinology, 2010, 8, 27.	3.3	16
22	Temporal expression of hepatic estrogen receptor 1, vitellogenin1 and vitellogenin2 in European silver eels. General and Comparative Endocrinology, 2010, 166, 1-11.	1.8	32
23	Saving energy to fuel exercise: swimming suppresses oocyte development and downregulates ovarian transcriptomic response of rainbow troutOncorhynchus mykiss. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R486-R499.	1.8	17
24	Establishing Zebrafish as a Novel Exercise Model: Swimming Economy, Swimming-Enhanced Growth and Muscle Growth Marker Gene Expression. PLoS ONE, 2010, 5, e14483.	2.5	143
25	Male silver eels mature by swimming. BMC Physiology, 2008, 8, 14.	3.6	22