

# Christophe M R Lemoine

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

729  
citations

686830

13  
h-index

552369

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

915  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptional effects of polyethylene microplastics ingestion in developing zebrafish ( <i>Danio rerio</i> ). <i>Environmental Pollution</i> , 2018, 243, 591-600.	3.7	122
2	Role of the PGC-1 family in the metabolic adaptation of goldfish to diet and temperature. <i>Journal of Experimental Biology</i> , 2008, 211, 1448-1455.	0.8	88
3	Role of the intestinal microbiome in low-density polyethylene degradation by caterpillar larvae of the greater wax moth, <i>Galleria mellonella</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200112.	1.2	77
4	Temporal and spatial patterns of gene expression in skeletal muscles in response to swim training in adult zebrafish ( <i>Danio rerio</i> ). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2010, 180, 151-160.	0.7	60
5	Modular Evolution of PGC-1 $\pm$ in Vertebrates. <i>Journal of Molecular Evolution</i> , 2010, 70, 492-505.	0.8	46
6	A Very Hungry Caterpillar: Polyethylene Metabolism and Lipid Homeostasis in Larvae of the Greater Wax Moth ( <i>Galleria mellonella</i> ). <i>Environmental Science &amp; Technology</i> , 2020, 54, 14706-14715.	4.6	42
7	Sensing and responding to energetic stress: Evolution of the AMPK network. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018, 224, 156-169.	0.7	38
8	Control of muscle bioenergetic gene expression: implications for allometric scaling relationships of glycolytic and oxidative enzymes. <i>Journal of Experimental Biology</i> , 2005, 208, 1601-1610.	0.8	28
9	Evolution of urea transporters in vertebrates: adaptation to urea's multiple roles and metabolic sources. <i>Journal of Experimental Biology</i> , 2015, 218, 1936-1945.	0.8	22
10	Ontogeny of ornithine-urea cycle gene expression in zebrafish ( <i>Danio rerio</i> ). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 304, R991-R1000.	0.9	21
11	Effects of MP Polyethylene Microparticles on Microbiome and Inflammatory Response of Larval Zebrafish. <i>Toxics</i> , 2020, 8, 55.	1.6	19
12	Control of mitochondrial gene expression in the aging rat myocardium. <i>Biochemistry and Cell Biology</i> , 2006, 84, 191-198.	0.9	18
13	Fat on plastic: Metabolic consequences of an LDPE diet in the fat body of the greater wax moth larvae ( <i>Galleria mellonella</i> ). <i>Journal of Hazardous Materials</i> , 2022, 425, 127862.	6.5	18
14	Nitrogen metabolism of the intestine during digestion in a teleost fish, the plainfin midshipman ( <i>Porichthys notatus</i> ). <i>Journal of Experimental Biology</i> , 2013, 216, 2821-32.	0.8	15
15	Waste Nitrogen Metabolism and Excretion in Zebrafish Embryos: Effects of Light, Ammonia, and Nicotinamide. <i>Journal of Experimental Zoology</i> , 2013, 319, 391-403.	1.2	12
16	Divergent Hypoxia Tolerance in Adult Males and Females of the Plainfin Midshipman ( <i>Porichthys</i> )	0.6	12
17	Metabolic regulation by the PGC-1 $\pm$ and PGC-1 $\beta$ coactivators in larval zebrafish ( <i>Danio rerio</i> ). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2019, 234, 60-67.	0.8	12
18	Molecular evidence for the inhibition of cytochrome p450s and cholinesterases in ticks by the repellent DEET. <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 515-522.	1.1	12

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19	A proteinaceous organic matrix regulates carbonate mineral production in the marine teleost intestine. <i>Scientific Reports</i> , 2016, 6, 34494.	1.6	11
20	A waterborne chemical cue from Gulf toadfish, <i>Opsanus beta</i> , prompts pulsatile urea excretion in conspecifics. <i>Physiology and Behavior</i> , 2017, 171, 92-99.	1.0	11
21	The Mexican bean beetle ( <i>Epilachna varivestis</i> ) regurgitome and insights into beetle-borne virus specificity. <i>PLoS ONE</i> , 2018, 13, e0192003.	1.1	11
22	Patterns of fuel use during locomotion in mammals revisited: the importance of aerobic scope. <i>Journal of Experimental Biology</i> , 2014, 217, 3193-6.	0.8	10
23	Phylogenetic analysis and tissue distribution of elasmobranch glucose transporters and their response to feeding. <i>Biology Open</i> , 2016, 5, 256-261.	0.6	10
24	Transcriptome responses in the rectal gland of fed and fasted spiny dogfish shark ( <i>Squalus acanthias</i> ) determined by suppression subtractive hybridization. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2013, 8, 334-343.	0.4	8
25	Climbing Waterfalls: How Metabolism and Behavior Impact Locomotor Performance of Tropical Climbing Gobies on Reunion Island. <i>Physiological and Biochemical Zoology</i> , 2020, 93, 376-383.	0.6	3
26	Metabolic consequences of PGC-1 $\alpha$ dysregulation in adult zebrafish muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2022, 323, R319-R330.	0.9	1