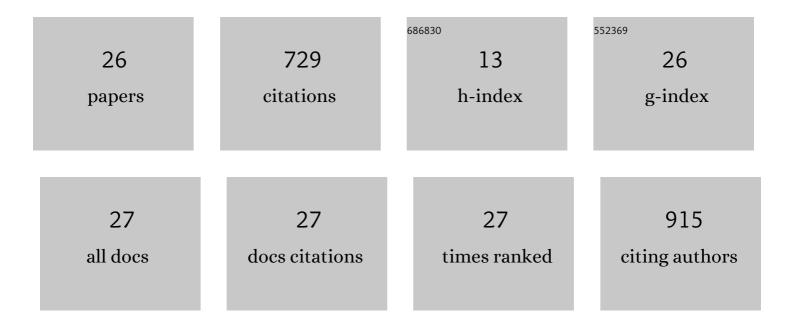
## Christophe M R Lemoine

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8873880/publications.pdf Version: 2024-02-01



12

#	Article	IF	CITATIONS
1	Transcriptional effects of polyethylene microplastics ingestion in developing zebrafish (Danio rerio). Environmental Pollution, 2018, 243, 591-600.	3.7	122
2	Role of the PGC-1 family in the metabolic adaptation of goldfish to diet and temperature. Journal of Experimental Biology, 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> . Proceedings of the Royal Society B: Biological Sciences, 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 (Danio rerio). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2010, 180, 151-160.	0.7	60
5	Modular Evolution of PGC-1 $\hat{I}$ ± in Vertebrates. Journal of Molecular Evolution, 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> ). Environmental Science & Technology, 2020, 54, 14706-14715.	4.6	42
7	Sensing and responding to energetic stress: Evolution of the AMPK network. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2018, 224, 156-169.	0.7	38
8	Control of muscle bioenergetic gene expression: implications for allometric scaling relationships of glycolytic and oxidative enzymes. Journal of Experimental Biology, 2005, 208, 1601-1610.	0.8	28
9	Evolution of urea transporters in vertebrates: adaptation to urea's multiple roles and metabolic sources. Journal of Experimental Biology, 2015, 218, 1936-1945.	0.8	22
10	Ontogeny of ornithine-urea cycle gene expression in zebrafish (Danio rerio). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R991-R1000.	0.9	21
11	Effects of MP Polyethylene Microparticles on Microbiome and Inflammatory Response of Larval Zebrafish. Toxics, 2020, 8, 55.	1.6	19
12	Control of mitochondrial gene expression in the aging rat myocardium. Biochemistry and Cell Biology, 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 (Galleria mellonella). Journal of Hazardous Materials, 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> ). Journal of Experimental Biology, 2013, 216, 2821-32.	0.8	15
15	Waste Nitrogen Metabolism and Excretion in Zebrafish Embryos: Effects of Light, Ammonia, and Nicotinamide. Journal of Experimental Zoology, 2013, 319, 391-403.	1.2	12
16	Divergent Hypoxia Tolerance in Adult Males and Females of the Plainfin Midshipman ( <i>Porichthys) Tj ETQq0 0 (</i>	D rgBT /Ov	erlock 10 Tf
17	Metabolic regulation by the PGC-1α and PGC-1β coactivators in larval zebrafish (Danio rerio). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 234, 60-67.	0.8	12

Molecular evidence for the inhibition of cytochrome p450s and cholinesterases in ticks by the repellent DEET. Ticks and Tick-borne Diseases, 2019, 10, 515-522.

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