

# Darren T Lerner

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,178  
citations

304743

22  
h-index

377865

34  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1163  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationships between Annual Cycles of Testosterone, Corticosterone, and Body Condition in Male Red-Spotted Garter Snakes, <i>Thamnophis sirtalis concinnus</i> . <i>Physiological and Biochemical Zoology</i> , 2000, 73, 307-312.	1.5	116
2	Endocrine disruption of parr-smolt transformation and seawater tolerance of Atlantic salmon by 4-nonylphenol and 17 $\beta$ -estradiol. <i>General and Comparative Endocrinology</i> , 2005, 142, 280-288.	1.8	111
3	Evaluating exposure of northern fur seals, <i>Callorhinus ursinus</i> , to microplastic pollution through fecal analysis. <i>Marine Pollution Bulletin</i> , 2019, 138, 213-221.	5.0	59
4	The Influence of Sex Steroids on the Sexual Size Dimorphism in the Red-Spotted Garter Snake, <i>Thamnophis sirtalis concinnus</i> . <i>General and Comparative Endocrinology</i> , 2001, 124, 218-225.	1.8	58
5	Larval Exposure to 4-Nonylphenol and 17 $\beta$ -Estradiol Affects Physiological and Behavioral Development of Seawater Adaptation in Atlantic Salmon Smolts. <i>Environmental Science &amp; Technology</i> , 2007, 41, 4479-4485.	10.0	50
6	Effects of aqueous exposure to polychlorinated biphenyls (Aroclor 1254) on physiology and behavior of smolt development of Atlantic salmon. <i>Aquatic Toxicology</i> , 2007, 81, 329-336.	4.0	49
7	Control of leptin by metabolic state and its regulatory interactions with pituitary growth hormone and hepatic growth hormone receptors and insulin like growth factors in the tilapia ( <i>Oreochromis</i> ) Tj ETQq1 1 0.784314 rgB4gOverlo	1.7	47
8	The effects of acute salinity challenges on osmoregulation in Mozambique tilapia reared in a tidally changing salinity. <i>Journal of Experimental Biology</i> , 2015, 218, 731-739.	1.7	47
9	AQUEOUS EXPOSURE TO 4-NONYLPHENOL AND 17 $\beta$ -ESTRADIOL INCREASES STRESS SENSITIVITY AND DISRUPTS ION REGULATORY ABILITY OF JUVENILE ATLANTIC SALMON. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 1433.	4.3	44
10	Prolactin is a major inhibitor of hepatic Leptin A synthesis and secretion: Studies utilizing a homologous Leptin A ELISA in the tilapia. <i>General and Comparative Endocrinology</i> , 2014, 207, 86-93.	1.8	42
11	Nutritional status and growth hormone regulate insulin-like growth factor binding protein (igfbp) transcripts in Mozambique tilapia. <i>General and Comparative Endocrinology</i> , 2014, 207, 66-73.	1.8	37
12	Effects of salinity and prolactin on gene transcript levels of ion transporters, ion pumps and prolactin receptors in Mozambique tilapia intestine. <i>General and Comparative Endocrinology</i> , 2014, 206, 146-154.	1.8	37
13	The osmoregulatory effects of rearing Mozambique tilapia in a tidally changing salinity. <i>General and Comparative Endocrinology</i> , 2014, 207, 94-102.	1.8	34
14	Prolactin177, prolactin188 and prolactin receptor 2 in the pituitary of the euryhaline tilapia, <i>Oreochromis mossambicus</i> , are differentially osmosensitive. <i>Journal of Endocrinology</i> , 2012, 213, 89-98.	2.6	33
15	Hormonal regulation of aquaporin 3: opposing actions of prolactin and cortisol in tilapia gill. <i>Journal of Endocrinology</i> , 2016, 230, 325-337.	2.6	33
16	Physiological evidence for reproductive suppression in the introduced population of brown tree snakes ( <i>Boiga irregularis</i> ) on Guam. <i>Biological Conservation</i> , 2005, 121, 91-98.	4.1	32
17	Acute salinity tolerance and the control of two prolactins and their receptors in the Nile tilapia ( <i>Oreochromis niloticus</i> ) and Mozambique tilapia ( <i>O. mossambicus</i> ): A comparative study. <i>General and Comparative Endocrinology</i> , 2018, 257, 168-176.	1.8	31
18	Estrogenic compounds decrease growth hormone receptor abundance and alter osmoregulation in Atlantic salmon. <i>General and Comparative Endocrinology</i> , 2012, 179, 196-204.	1.8	30

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19	Effects of salinity on metabolic rate and branchial expression of genes involved in ion transport and metabolism in Mozambique tilapia ( <i>Oreochromis mossambicus</i> ). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2014, 178, 121-131.	1.8	30
20	Prolactin 177, prolactin 188, and extracellular osmolality independently regulate the gene expression of ion transport effectors in gill of Mozambique tilapia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R1251-R1263.	1.8	28
21	Experimental Approaches for Characterizing the Endocrine-Disrupting Effects of Environmental Chemicals in Fish. <i>Frontiers in Endocrinology</i> , 2020, 11, 619361.	3.5	28
22	Aqueous exposure to Aroclor 1254 modulates the mitogenic response of Atlantic salmon anterior kidney T-cells: Indications of short- and long-term immunomodulation. <i>Aquatic Toxicology</i> , 2005, 72, 305-314.	4.0	22
23	Rearing Mozambique tilapia in tidally-changing salinities: Effects on growth and the growth hormone/insulin-like growth factor I axis. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2016, 198, 8-14.	1.8	22
24	Leptin Stimulates Cellular Glycolysis Through a STAT3 Dependent Mechanism in Tilapia. <i>Frontiers in Endocrinology</i> , 2018, 9, 465.	3.5	22
25	Differential regulation of TRPV4 mRNA levels by acclimation salinity and extracellular osmolality in euryhaline tilapia. <i>General and Comparative Endocrinology</i> , 2012, 178, 123-130.	1.8	20
26	Discovery of conventional prolactin from the holocephalan elephant fish, <i>Callorhinchus milii</i> . <i>General and Comparative Endocrinology</i> , 2015, 224, 216-227.	1.8	19
27	Autocrine Positive Feedback Regulation of Prolactin Release From Tilapia Prolactin Cells and Its Modulation by Extracellular Osmolality. <i>Endocrinology</i> , 2016, 157, 3505-3516.	2.8	16
28	Early-life exposure to 17 $\beta$ -estradiol and 4-nonylphenol impacts the growth hormone/insulin-like growth-factor system and estrogen receptors in Mozambique tilapia, <i>Oreochromis mossambicus</i> . <i>Aquatic Toxicology</i> , 2019, 217, 105336.	4.0	16
29	Regulation of gill claudin paralogs by salinity, cortisol and prolactin in Mozambique tilapia ( <i>Oreochromis mossambicus</i> ). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2016, 199, 78-86.	1.8	15
30	The effects of transfer from steady-state to tidally-changing salinities on plasma and branchial osmoregulatory variables in adult Mozambique tilapia. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2019, 227, 134-145.	1.8	11
31	Systemic versus tissue-level prolactin signaling in a teleost during a tidal cycle. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2019, 189, 581-594.	1.5	9
32	Transcriptional regulation of prolactin in a euryhaline teleost: Characterisation of gene promoters through in silico and transcriptome analyses. <i>Journal of Neuroendocrinology</i> , 2020, 32, e12905.	2.6	9
33	Survey of Rainwater Catchment Use and Practices on Hawaii Island. <i>Journal of Contemporary Water Research and Education</i> , 2017, 161, 33-47.	0.7	7
34	Sex, salinity and sampling period dependent patterns of growth hormone mRNA expression in Mozambique tilapia. <i>Aquaculture</i> , 2020, 519, 734766.	3.5	7
35	In vivo and in vitro effects of high-K <sup>+</sup> stress on branchial expression of ROMK $\alpha$ in seawater-acclimated Mozambique tilapia. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2015, 187, 111-118.	1.8	6
36	Editorial for Perspectives in Cichlid Endocrinology. <i>General and Comparative Endocrinology</i> , 2014, 207, 1.	1.8	0