

Svante Winberg

List of Publications by Year in descending order

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132
papers

8,187
citations

31949

53
h-index

53190

85
g-index

137
all docs

137
docs citations

137
times ranked

4495
citing authors

#	ARTICLE	IF	CITATIONS
1	The zebrafish Multivariate Concentric Square Field: A Standardized Test for Behavioral Profiling of Zebrafish (<i>Danio rerio</i>). <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, 744533.	1.0	5
2	Sex-Specific Effects of Acute Ethanol Exposure on Locomotory Activity and Exploratory Behavior in Adult Zebrafish (<i>Danio rerio</i>). <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	4
3	Visualization of early oligomeric α -synuclein pathology and its impact on the dopaminergic system in the (Thy1) ^{ΔE4} [A30P] ^{ΔE5} transgenic mouse model. <i>Journal of Neuroscience Research</i> , 2021, 99, 2525-2539.	1.3	8
4	Social effects on AVT and CRF systems. <i>Fish Physiology and Biochemistry</i> , 2021, 47, 1699-1709.	0.9	1
5	Effects of early rearing enrichments on modulation of brain monoamines and hypothalamic-pituitary-interrenal axis (HPI axis) of fish mahseer (<i>Tor putitora</i>). <i>Fish Physiology and Biochemistry</i> , 2020, 46, 75-88.	0.9	7
6	Low concentrations of the benzodiazepine drug oxazepam induce anxiolytic effects in wild-caught but not in laboratory zebrafish. <i>Science of the Total Environment</i> , 2020, 703, 134701.	3.9	23
7	Contrasting neurochemical and behavioral profiles reflects stress coping styles but not stress responsiveness in farmed gilthead seabream (<i>Sparus aurata</i>). <i>Physiology and Behavior</i> , 2020, 214, 112759.	1.0	7
8	Dopamine and serotonin mediate the impact of stress on cleaner fish cooperative behavior. <i>Hormones and Behavior</i> , 2020, 125, 104813.	1.0	20
9	Chronic Exposure to Oxazepam Pollution Produces Tolerance to Anxiolytic Effects in Zebrafish (<i>Danio rerio</i>). <i>Environmental Science & Technology</i> , 2020, 54, 1760-1769.	4.6	26
10	Studying aggression in zebrafish. , 2020, , 481-491.		1
11	Lessons, insights and newly developed tools emerging from behavioral phenotyping core facilities. <i>Journal of Neuroscience Methods</i> , 2020, 334, 108597.	1.3	10
12	Angling selects against active and stress-resilient phenotypes in rainbow trout. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 320-333.	0.7	36
13	Bold zebrafish (<i>Danio rerio</i>) express higher levels of delta opioid and dopamine D2 receptors in the brain compared to shy fish. <i>Behavioural Brain Research</i> , 2019, 359, 927-934.	1.2	56
14	Boldness in Male and Female Zebrafish (<i>Danio rerio</i>) Is Dependent on Strain and Test. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 248.	1.0	25
15	Neurobiological and behavioural responses of cleaning mutualisms to ocean warming and acidification. <i>Scientific Reports</i> , 2019, 9, 12728.	1.6	35
16	Toxicological effects of furan on the reproductive system of male rats: An α -in-vitro and α -in-vivo-based endocrinological and spermatogonial study. <i>Chemosphere</i> , 2019, 230, 327-336.	4.2	14
17	The aggressive spiegel danio, carrying a mutation in the fgfr1a gene, has no advantage in dyadic fights with zebrafish of the AB strain. <i>Behavioural Brain Research</i> , 2019, 370, 111942.	1.2	8
18	Tryptophan Metabolic Pathways and Brain Serotonergic Activity: A Comparative Review. <i>Frontiers in Endocrinology</i> , 2019, 10, 158.	1.5	228

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19	Environmental complexity buffers against stress-induced negative judgement bias in female chickens. <i>Scientific Reports</i> , 2018, 8, 5404.	1.6	43
20	The brain-gut axis of fish: Rainbow trout with low and high cortisol response show innate differences in intestinal integrity and brain gene expression. <i>General and Comparative Endocrinology</i> , 2018, 257, 235-245.	0.8	21
21	The Influence of Rearing on Behavior, Brain Monoamines, and Gene Expression in Three-Spined Sticklebacks. <i>Brain, Behavior and Evolution</i> , 2018, 91, 201-213.	0.9	13
22	Monoaminergic levels at the forebrain and diencephalon signal for the occurrence of mutualistic and conspecific engagement in client reef fish. <i>Scientific Reports</i> , 2018, 8, 7346.	1.6	10
23	The variable monoaminergic outcomes of cleaner fish brains when facing different social and mutualistic contexts. <i>PeerJ</i> , 2018, 6, e4830.	0.9	12
24	How do individuals cope with stress? Behavioural, physiological and neuronal differences between proactive and reactive coping styles in fish. <i>Journal of Experimental Biology</i> , 2017, 220, 1524-1532.	0.8	70
25	Social Phenotypes in Zebrafish. , 2017, , 95-130.		13
26	Brain cortisol receptor expression differs in Arctic charr displaying opposite coping styles. <i>Physiology and Behavior</i> , 2017, 177, 161-168.	1.0	13
27	Dietary<sc>l</sc>-tryptophan leaves a lasting impression on the brain and the stress response. <i>British Journal of Nutrition</i> , 2017, 117, 1351-1357.	1.2	19
28	High risk no gain-metabolic performance of hatchery reared Atlantic salmon smolts, effects of nest emergence time, hypoxia avoidance behaviour and size. <i>Physiology and Behavior</i> , 2017, 175, 104-112.	1.0	8
29	Anaesthesia and handling stress effects on pigmentation and monoamines in Arctic charr. <i>Environmental Biology of Fishes</i> , 2017, 100, 471-480.	0.4	7
30	Effects of enrichment on the development of behaviour in an endangered fish mahseer (<i>Tor putitora</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 088 26		
31	Characterization of the Î³-aminobutyric acid signaling system in the zebrafish (<i>Danio rerio</i> Hamilton) central nervous system by reverse transcription-quantitative polymerase chain reaction. <i>Neuroscience</i> , 2017, 343, 300-321.	1.1	59
32	Serotonin Coordinates Responses to Social Stressâ€”What We Can Learn from Fish. <i>Frontiers in Neuroscience</i> , 2017, 11, 595.	1.4	84
33	Variation in the Neuroendocrine Stress Response. <i>Fish Physiology</i> , 2016, 35, 35-74.	0.2	24
34	Zebrafish (<i>Danio rerio</i>) behaviour is largely unaffected by elevated pCO ₂ . , 2016, 4, cow065.		15
35	Role of brain serotonin in modulating fish behavior. <i>Environmental Epigenetics</i> , 2016, 62, 317-323.	0.9	92
36	Cognitive appraisal of aversive stimulus differs between individuals with contrasting stress coping styles; evidences from selected rainbow trout (<i>Oncorhynchus mykiss</i>) strains. <i>Behaviour</i> , 2016, 153, 1567-1587.	0.4	16

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37	Effects of acute and chronic stress on telencephalic neurochemistry and gene expression in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Journal of Experimental Biology</i> , 2016, 219, 3907-3914.	0.8	34
38	Prozac affects stickleback nest quality without altering androgen, spiggin or aggression levels during a 21-day breeding test. <i>Aquatic Toxicology</i> , 2015, 168, 78-89.	1.9	29
39	Behavioural responses in a net restraint test predict interrenal reactivity in Arctic charr <i>Salvelinus alpinus</i> . <i>Journal of Fish Biology</i> , 2015, 87, 88-99.	0.7	14
40	Effects of Emergence Time and Early Social Rearing Environment on Behaviour of Atlantic Salmon: Consequences for Juvenile Fitness and Smolt Migration. <i>PLoS ONE</i> , 2015, 10, e0119127.	1.1	7
41	Social stress effects on pigmentation and monoamines in Arctic charr. <i>Behavioural Brain Research</i> , 2015, 291, 103-107.	1.2	20
42	Increased reactivity and monoamine dysregulation following stress in triploid Atlantic salmon (<i>Salmo salar</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 185, 125-131.	0.8	4
43	Natural selection constrains personality and brain gene expression differences in Atlantic salmon (<i>Salmo salar</i>). <i>Journal of Experimental Biology</i> , 2015, 218, 1077-1083.	0.8	39
44	ARTIFICIAL SELECTION ON RELATIVE BRAIN SIZE REVEALS A POSITIVE GENETIC CORRELATION BETWEEN BRAIN SIZE AND PROACTIVE PERSONALITY IN THE GUPPY. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 1139-1149.	1.1	80
45	Male Courtship Pheromones Affect Female Behaviour in the Swordtail Characin (<i>Corynopoma</i>) Tj ETQq1 1 0.784314 rgBT 4/Overl	0.5	4
46	Social modulation of brain monoamine levels in zebrafish. <i>Behavioural Brain Research</i> , 2013, 253, 17-24.	1.2	100
47	Circadian regulation of melanization and prokineticin homologues is conserved in the brain of freshwater crayfish and zebrafish. <i>Developmental and Comparative Immunology</i> , 2013, 40, 218-226.	1.0	5
48	Short- and long-term effects of dietary l-tryptophan supplementation on the neuroendocrine stress response in seawater-reared Atlantic salmon (<i>Salmo salar</i>). <i>Aquaculture</i> , 2013, 388-391, 8-13.	1.7	28
49	Changes in regional brain monoaminergic activity and temporary down-regulation in stress response from dietary supplementation with l-tryptophan in Atlantic cod (<i>Gadus morhua</i>). <i>British Journal of Nutrition</i> , 2013, 109, 2166-2174.	1.2	27
50	Developmental Exposure to Fluoxetine Modulates the Serotonin System in Hypothalamus. <i>PLoS ONE</i> , 2013, 8, e55053.	1.1	25
51	Central corticotropin releasing factor and social stress. <i>Frontiers in Neuroscience</i> , 2013, 7, 117.	1.4	58
52	Aggression and monoamines: Effects of sex and social rank in zebrafish (<i>Danio rerio</i>). <i>Behavioural Brain Research</i> , 2012, 228, 333-338.	1.2	115
53	Context-dependent responses to novelty in Rainbow trout (<i>Oncorhynchus mykiss</i>), selected for high and low post-stress cortisol responsiveness. <i>Physiology and Behavior</i> , 2012, 105, 1175-1181.	1.0	28
54	Multidimensionality of behavioural phenotypes in Atlantic cod, <i>Gadus morhua</i> . <i>Physiology and Behavior</i> , 2012, 106, 462-470.	1.0	7

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55	Geographic variation in corticosterone response to chronic predator stress in tadpoles. <i>Journal of Evolutionary Biology</i> , 2012, 25, 1066-1076.	0.8	38
56	CRF and urotensin I effects on aggression and anxiety-like behavior in rainbow trout. <i>Journal of Experimental Biology</i> , 2011, 214, 907-914.	0.8	36
57	Stress effects on AVT and CRF systems in two strains of rainbow trout (<i>Oncorhynchus mykiss</i>) divergent in stress responsiveness. <i>Hormones and Behavior</i> , 2011, 59, 180-186.	1.0	45
58	Boldness Predicts Social Status in Zebrafish (<i>Danio rerio</i>). <i>PLoS ONE</i> , 2011, 6, e23565.	1.1	162
59	Is growth hormone expression correlated with variation in growth rate along a latitudinal gradient in <i>Rana temporaria</i> ?. <i>Journal of Zoology</i> , 2011, 285, 85-92.	0.8	1
60	Behavioural responses to hypoxia provide a non-invasive method for distinguishing between stress coping styles in fish. <i>Applied Animal Behaviour Science</i> , 2011, 132, 211-216.	0.8	44
61	Social fishes and single mothers: brain evolution in African cichlids. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 161-167.	1.2	108
62	Brain structure evolution in a basal vertebrate clade: evidence from phylogenetic comparative analysis of cichlid fishes. <i>BMC Evolutionary Biology</i> , 2009, 9, 238.	3.2	65
63	Melanocortin peptides affect the motivation to feed in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>General and Comparative Endocrinology</i> , 2009, 160, 134-138.	0.8	55
64	DISTINCT EVOLUTIONARY PATTERNS OF BRAIN AND BODY SIZE DURING ADAPTIVE RADIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 2266-2274.	1.1	49
65	Evidence for small scale variation in the vertebrate brain: mating strategy and sex affect brain size and structure in wild brown trout (<i>Salmo trutta</i>). <i>Journal of Evolutionary Biology</i> , 2009, 22, 2524-2531.	0.8	59
66	Arginine vasotocin influence on aggressive behavior and dominance in rainbow trout. <i>Physiology and Behavior</i> , 2009, 96, 470-475.	1.0	57
67	Aggression in rainbow trout is inhibited by both MR and GR antagonists. <i>Physiology and Behavior</i> , 2009, 98, 625-630.	1.0	40
68	Are there physiological correlates of dominance in natural trout populations?. <i>Animal Behaviour</i> , 2008, 76, 1279-1287.	0.8	24
69	Functional Genomics of Stress Responses in Fish. <i>Reviews in Fisheries Science</i> , 2008, 16, 157-166.	2.1	46
70	Social hierarchies, growth and brain serotonin metabolism in Atlantic salmon (<i>Salmo salar</i>) kept under commercial rearing conditions. <i>Physiology and Behavior</i> , 2008, 94, 529-535.	1.0	53
71	Frequency distribution of coping strategies in four populations of brown trout (<i>Salmo trutta</i>). <i>Hormones and Behavior</i> , 2008, 53, 546-556.	1.0	32
72	Behavioral plasticity in rainbow trout (<i>Oncorhynchus mykiss</i>) with divergent coping styles: When doves become hawks. <i>Hormones and Behavior</i> , 2008, 54, 534-538.	1.0	106

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73	Genetically Determined Variation in Stress Responsiveness in Rainbow Trout: Behavior and Neurobiology. <i>Brain, Behavior and Evolution</i> , 2007, 70, 227-238.	0.9	56
74	Variable neuroendocrine responses to ecologically-relevant challenges in sticklebacks. <i>Physiology and Behavior</i> , 2007, 91, 15-25.	1.0	95
75	Interactions between the neural regulation of stress and aggression. <i>Journal of Experimental Biology</i> , 2006, 209, 4581-4589.	0.8	171
76	Serotonergic characteristics of rainbow trout divergent in stress responsiveness. <i>Physiology and Behavior</i> , 2006, 87, 938-947.	1.0	55
77	Divergence in locomotor activity between two strains of rainbow trout <i>Oncorhynchus mykiss</i> with contrasting stress responsiveness. <i>Journal of Fish Biology</i> , 2006, 68, 920-924.	0.7	30
78	Divergent Stress Coping Styles in Juvenile Brown Trout (<i>Salmo trutta</i>). <i>Annals of the New York Academy of Sciences</i> , 2005, 1040, 239-245.	1.8	51
79	Tryptophan affects both gastrointestinal melatonin production and interrenal activity in stressed and nonstressed rainbow trout. <i>Journal of Pineal Research</i> , 2005, 38, 264-271.	3.4	60
80	Avoidance behavior and brain monoamines in fish. <i>Brain Research</i> , 2005, 1032, 104-110.	1.1	67
81	Growth hormone-induced stimulation of swimming and feeding behaviour of rainbow trout is abolished by the D1 dopamine antagonist SCH23390. <i>General and Comparative Endocrinology</i> , 2005, 141, 58-65.	0.8	33
82	Behavioral and Neuroendocrine Correlates of Selection for Stress Responsiveness in Rainbow Trout—a Review. <i>Integrative and Comparative Biology</i> , 2005, 45, 463-474.	0.9	294
83	Does Individual Variation in Stress Responses and Agonistic Behavior Reflect Divergent Stress Coping Strategies in Juvenile Rainbow Trout?. <i>Physiological and Biochemical Zoology</i> , 2005, 78, 715-723.	0.6	101
84	Does Pulsatile Urea Excretion Serve as a Social Signal in the Gulf Toadfish <i>Opsanus beta</i> ?. <i>Physiological and Biochemical Zoology</i> , 2005, 78, 724-735.	0.6	31
85	Serotonin, but not melatonin, plays a role in shaping dominant–subordinate relationships and aggression in rainbow trout. <i>Hormones and Behavior</i> , 2005, 48, 233-242.	1.0	102
86	Divergence in behavioural responses to stress in two strains of rainbow trout () with contrasting stress responsiveness. <i>Hormones and Behavior</i> , 2005, 48, 537-544.	1.0	107
87	Suppression of aggressive behaviour in juvenile Atlantic cod (<i>Gadus morhua</i>) by l-tryptophan supplementation. <i>Aquaculture</i> , 2005, 249, 525-531.	1.7	99
88	Socially-mediated differences in brain monoamines in rainbow trout: effects of trace metal contaminants. <i>Aquatic Toxicology</i> , 2005, 71, 237-247.	1.9	32
89	Social Interactions. <i>Fish Physiology</i> , 2005, , 151-196.	0.2	15
90	Social stress affects circulating melatonin levels in rainbow trout. <i>General and Comparative Endocrinology</i> , 2004, 136, 322-327.	0.8	46

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91	Stress coping style predicts aggression and social dominance in rainbow trout. <i>Hormones and Behavior</i> , 2004, 45, 235-241.	1.0	208
92	Behavioral and neuroendocrine correlates of displaced aggression in trout. <i>Hormones and Behavior</i> , 2004, 45, 324-329.	1.0	105
93	Peripherally administered growth hormone increases brain dopaminergic activity and swimming in rainbow trout. <i>Hormones and Behavior</i> , 2004, 46, 436-443.	1.0	34
94	Central nervous system actions of growth hormone on brain monoamine levels and behavior of juvenile rainbow trout. <i>Hormones and Behavior</i> , 2003, 43, 367-374.	1.0	39
95	Time-course of the effect of dietary l-tryptophan on plasma cortisol levels in rainbow trout <i>Oncorhynchus mykiss</i> . <i>Journal of Experimental Biology</i> , 2003, 206, 3589-3599.	0.8	80
96	Effects of Cortisol on Aggression and Locomotor Activity in Rainbow Trout. <i>Hormones and Behavior</i> , 2002, 42, 53-61.	1.0	181
97	Stimulatory and inhibitory effects of 5-HT1A receptors on adrenocorticotrophic hormone and cortisol secretion in a teleost fish, the Arctic charr (<i>Salvelinus alpinus</i>). <i>Neuroscience Letters</i> , 2002, 324, 193-196.	1.0	77
98	Behavioural and neuroendocrine effects of environmental background colour and social interaction in Arctic charr (<i>Salvelinus alpinus</i>). <i>Journal of Experimental Biology</i> , 2002, 205, 2535-2543.	0.8	102
99	Elevated dietary intake of L-tryptophan counteracts the stress-induced elevation of plasma cortisol in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Journal of Experimental Biology</i> , 2002, 205, 3679-3687.	0.8	141
100	Differences in behaviour between rainbow trout selected for high- and low-stress responsiveness. <i>Journal of Experimental Biology</i> , 2002, 205, 391-395.	0.8	179
101	Differences in behaviour between rainbow trout selected for high- and low-stress responsiveness. <i>Journal of Experimental Biology</i> , 2002, 205, 391-5.	0.8	143
102	Behavioural and neuroendocrine effects of environmental background colour and social interaction in Arctic charr (<i>Salvelinus alpinus</i>). <i>Journal of Experimental Biology</i> , 2002, 205, 2535-43.	0.8	84
103	Elevated dietary intake of L-tryptophan counteracts the stress-induced elevation of plasma cortisol in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Journal of Experimental Biology</i> , 2002, 205, 3679-87.	0.8	94
104	Effects of <i>Schistocephalus solidus</i> infection on brain monoaminergic activity in female three-spined sticklebacks <i>Gasterosteus aculeatus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 1411-1415.	1.2	82
105	Stress-induced changes in brain serotonergic activity, plasma cortisol and aggressive behavior in Arctic charr (<i>Salvelinus alpinus</i>) is counteracted by l-DOPA. <i>Physiology and Behavior</i> , 2001, 74, 381-389.	1.0	99
106	Brain Monoaminergic Activity in Rainbow Trout Selected for High and Low Stress Responsiveness. <i>Brain, Behavior and Evolution</i> , 2001, 57, 214-224.	0.9	113
107	Suppression of aggression in rainbow trout (<i>Oncorhynchus mykiss</i>) by dietary l-tryptophan. <i>Journal of Experimental Biology</i> , 2001, 204, 3867-3876.	0.8	164
108	Intermale Competition in Sexually Mature Arctic Charr: Effects on Brain Monoamines, Endocrine Stress Responses, Sex Hormone Levels, and Behavior. <i>General and Comparative Endocrinology</i> , 2000, 118, 450-460.	0.8	92

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109	Differential Stress Coping in Wild and Domesticated Sea Trout. <i>Brain, Behavior and Evolution</i> , 2000, 56, 259-268.	0.9	101
110	Relationships between sex and the size and number of forebrain gonadotropin-releasing hormone-immunoreactive neurones in the ballan wrasse (<i>Labrus berggylta</i>), a protogynous hermaphrodite. <i>Journal of Comparative Neurology</i> , 1999, 410, 158-170.	0.9	38
111	Short-Term Effects of Fights for Social Dominance and the Establishment of Dominant-Subordinate Relationships on Brain Monoamines and Cortisol in Rainbow Trout. <i>Brain, Behavior and Evolution</i> , 1999, 54, 263-275.	0.9	360
112	Feeding behaviour, brain serotonergic activity levels, and energy reserves of Arctic char (<i>Salvelinus</i>)	0.4	38
113	Food intake and spontaneous swimming activity in Arctic char (<i>Salvelinus alpinus</i>): role of brain serotonergic activity and social interactions. <i>Canadian Journal of Zoology</i> , 1998, 76, 1366-1370.	0.4	113
114	Elevation of brain 5-HT activity, POMC expression, and plasma cortisol in socially subordinate rainbow trout. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 274, R645-R654.	0.9	122
115	Feeding behaviour, brain serotonergic activity levels, and energy reserves of Arctic char (<i>Salvelinus alpinus</i>) within a dominance hierarchy. <i>Canadian Journal of Zoology</i> , 1998, 76, 212-220.	0.4	30
116	Food intake and spontaneous swimming activity in Arctic char (<i>Salvelinus alpinus</i>): role of brain serotonergic activity and social interactions. <i>Canadian Journal of Zoology</i> , 1998, 76, 1366-1370.	0.4	83
117	Effect of Social Rank on Brain Monoaminergic Activity in a Cichlid Fish. <i>Brain, Behavior and Evolution</i> , 1997, 49, 230-236.	0.9	76
118	Effects of l-thyroxine on brain monoamines during parr-smolt transformation of Atlantic salmon (<i>Salmo Salar L.</i>). <i>Neuroscience Letters</i> , 1997, 224, 216-218.	1.0	13
119	Serotonin as a regulator of hypothalamic-pituitary-interrenal activity in teleost fish. <i>Neuroscience Letters</i> , 1997, 230, 113-116.	1.0	202
120	Number of preoptic GnRH-immunoreactive cells correlates with sexual phase in a protandrously hermaphroditic fish, the dusky anemonefish (<i>Amphiprion melanopus</i>). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1997, 181, 484-492.	0.7	59
121	Agonistic Interactions Affect Brain Serotonergic Activity in an Acanthopterygian Fish: The Bicolor Damselfish (<i>Pomacentrus partitus</i>). <i>Brain, Behavior and Evolution</i> , 1996, 48, 213-220.	0.9	47
122	Learning and sibling odor preference in juvenile arctic char, <i>Salvelinus alpinus</i> (L.). <i>Journal of Chemical Ecology</i> , 1996, 22, 773-786.	0.9	43
123	Ca ²⁺ protects olfactory receptor function against acute Cu(II) toxicity in Atlantic salmon. <i>Aquatic Toxicology</i> , 1993, 25, 125-137.	1.9	26
124	Roles of brain monoamine neurotransmitters in agonistic behaviour and stress reactions, with particular reference to fish. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1993, 106, 597-614.	0.5	143
125	Predator exposure alters brain serotonin metabolism in bicolour damselfish. <i>NeuroReport</i> , 1993, 4, 399-402.	0.6	36
126	Induction of social dominance by L-dopa treatment in Arctic charr. <i>NeuroReport</i> , 1992, 3, 243-246.	0.6	76

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127	The effect of Cu(II) on the electro-olfactogram (EOG) of the Atlantic salmon (<i>Salmo salar</i> L) in artificial freshwater of varying inorganic carbon concentrations. <i>Ecotoxicology and Environmental Safety</i> , 1992, 24, 167-178.	2.9	35
128	The influence of rearing conditions on the sibling odour preference of juvenile arctic charr, <i>Salvelinus alpinus</i> L.. <i>Animal Behaviour</i> , 1992, 44, 157-164.	0.8	59
129	Changes in brain serotonergic activity during hierarchic behavior in Arctic charr (<i>Salvelinus alpinus</i>) Tj ETQq1 1 0.784314 rgBT /Overlo Behavioral Physiology, 1992, 170, 93-9.	0.7	116
130	The Effect of Stress and Starvation on Brain Serotonin Utilization in Arctic Charr <i>(Salvelinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.8	42
131	Social rank and brain levels of monoamines and monoamine metabolites in Arctic charr, <i>Salvelinus alpinus</i> (L.). <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 1991, 168, 241.	0.7	110
132	Differential effects of mercurial compounds on the electroolfactogram (EOG) of salmon (<i>Salmo</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	2.9	45