

Robert Gerlai

List of Publications by Year in descending order

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207
papers

15,311
citations

18479

62
h-index

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116
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211
all docs

211
docs citations

211
times ranked

8569
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene-targeting studies of mammalian behavior: is it the mutation or the background genotype?. Trends in Neurosciences, 1996, 19, 177-181.	8.6	852
2	Zebrafish as an emerging model for studying complex brain disorders. Trends in Pharmacological Sciences, 2014, 35, 63-75.	8.7	827
3	Towards a Comprehensive Catalog of Zebrafish Behavior 1.0 and Beyond. Zebrafish, 2013, 10, 70-86.	1.1	795
4	Mice Lacking Metabotropic Glutamate Receptor 5 Show Impaired Learning and Reduced CA1 Long-Term Potentiation (LTP) But Normal CA3 LTP. Journal of Neuroscience, 1997, 17, 5196-5205.	3.6	597
5	Zebrafish models for translational neuroscience research: from tank to bedside. Trends in Neurosciences, 2014, 37, 264-278.	8.6	533
6	Enhanced LTP in Mice Deficient in the AMPA Receptor GluR2. Neuron, 1996, 17, 945-956.	8.1	477
7	Alarm substance induced behavioral responses in zebrafish (Danio rerio). Behavioural Brain Research, 2008, 188, 168-177.	2.2	398
8	The social zebrafish: Behavioral responses to conspecific, heterospecific, and computer animated fish. Behavioural Brain Research, 2008, 191, 77-87.	2.2	323
9	Quantification of shoaling behaviour in zebrafish (Danio rerio). Behavioural Brain Research, 2007, 184, 157-166.	2.2	267
10	Behavioral phenotyping in zebrafish: Comparison of three behavioral quantification methods. Behavior Research Methods, 2006, 38, 456-469.	4.0	242
11	Zebra fish: an uncharted behavior genetic model. Behavior Genetics, 2003, 33, 461-468.	2.1	207
12	Associative learning in zebrafish (Danio rerio) in the plus maze. Behavioural Brain Research, 2010, 207, 99-104.	2.2	207
13	Impaired Cerebellar Synaptic Plasticity and Motor Performance in Mice Lacking the mGluR4 Subtype of Metabotropic Glutamate Receptor. Journal of Neuroscience, 1996, 16, 6364-6373.	3.6	201
14	Effects of acute and chronic ethanol exposure on the behavior of adult zebrafish (Danio rerio). Pharmacology Biochemistry and Behavior, 2006, 85, 752-761.	2.9	201
15	Sight of conspecifics as reward in associative learning in zebrafish (Danio rerio). Behavioural Brain Research, 2008, 189, 216-219.	2.2	192
16	Analysing hippocampal function in transgenic mice: an ethological perspective. Trends in Neurosciences, 1999, 22, 47-51.	8.6	189
17	Behavioral tests of hippocampal function: simple paradigms complex problems. Behavioural Brain Research, 2001, 125, 269-277.	2.2	189
18	From Schooling to Shoaling: Patterns of Collective Motion in Zebrafish (Danio rerio). PLoS ONE, 2012, 7, e48865.	2.5	186

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19	Phenomics: fiction or the future?. Trends in Neurosciences, 2002, 25, 506-509.	8.6	183
20	A new continuous alternation task in T-maze detects hippocampal dysfunction in mice. Behavioural Brain Research, 1998, 95, 91-101.	2.2	180
21	Shoaling develops with age in Zebrafish (Danio rerio). Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 1409-1415.	4.8	176
22	Molecular psychiatry of zebrafish. Molecular Psychiatry, 2015, 20, 2-17.	7.9	174
23	Zebrafish (Danio rerio) responds differentially to stimulus fish: The effects of sympatric and allopatric predators and harmless fish. Behavioural Brain Research, 2008, 186, 107-117.	2.2	171
24	High-Throughput Behavioral Screens: the First Step towards Finding Genes Involved in Vertebrate Brain Function Using Zebrafish. Molecules, 2010, 15, 2609-2622.	3.8	171
25	Zebrafish antipredatory responses: A future for translational research?. Behavioural Brain Research, 2010, 207, 223-231.	2.2	167
26	Zebrafish (Danio rerio) responds to the animated image of a predator: Towards the development of an automated aversive task. Behavioural Brain Research, 2009, 201, 318-324.	2.2	165
27	Long-Term Behavioral Changes in Response to Early Developmental Exposure to Ethanol in Zebrafish. Alcoholism: Clinical and Experimental Research, 2009, 33, 601-609.	2.4	161
28	Reproducibility and replicability of rodent phenotyping in preclinical studies. Neuroscience and Biobehavioral Reviews, 2018, 87, 218-232.	6.1	153
29	High precision liquid chromatography analysis of dopaminergic and serotonergic responses to acute alcohol exposure in zebrafish. Behavioural Brain Research, 2009, 200, 208-213.	2.2	142
30	Acute and chronic alcohol dose: population differences in behavior and neurochemistry of zebrafish. Genes, Brain and Behavior, 2009, 8, 586-599.	2.2	141
31	Contextual learning and cue association in fear conditioning in mice: a strain comparison and a lesion study. Behavioural Brain Research, 1998, 95, 191-203.	2.2	134
32	The synthetic substance hypoxanthine 3-N-oxide elicits alarm reactions in zebrafish (Danio rerio). Behavioural Brain Research, 2009, 205, 336-341.	2.2	133
33	Shoaling in zebrafish: what we don't know. Reviews in the Neurosciences, 2011, 22, 17-25.	2.9	133
34	Shuttle box learning in zebrafish (Danio rerio). Behavioural Brain Research, 2009, 196, 323-327.	2.2	124
35	Early embryonic ethanol exposure impairs shoaling and the dopaminergic and serotonergic systems in adult zebrafish. Neurotoxicology and Teratology, 2011, 33, 698-707.	2.4	124
36	Can angelfish (Pterophyllum scalare) count? Discrimination between different shoal sizes follows Weber's law. Animal Cognition, 2011, 14, 1-9.	1.8	123

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37	Fishing for genes influencing vertebrate behavior: zebrafish making headway. <i>Lab Animal</i> , 2006, 35, 33-39.	0.4	113
38	Differences in Acute Alcohol-Induced Behavioral Responses Among Zebrafish Populations. <i>Alcoholism: Clinical and Experimental Research</i> , 2008, 32, 1763-1773.	2.4	112
39	Dopamine receptor antagonism disrupts social preference in zebrafish: a strain comparison study. <i>Amino Acids</i> , 2012, 43, 2059-2072.	2.7	106
40	Oscillations in shoal cohesion in zebrafish (<i>Danio rerio</i>). <i>Behavioural Brain Research</i> , 2008, 193, 148-151.	2.2	96
41	Effects of nicotine and alcohol on zebrafish (<i>Danio rerio</i>) shoaling. <i>Behavioural Brain Research</i> , 2013, 240, 192-196.	2.2	96
42	In search of optimal fear inducing stimuli: Differential behavioral responses to computer animated images in zebrafish. <i>Behavioural Brain Research</i> , 2012, 226, 66-76.	2.2	94
43	Time-course of behavioural changes induced by ethanol in zebrafish (<i>Danio rerio</i>). <i>Behavioural Brain Research</i> , 2013, 252, 204-213.	2.2	93
44	Social behavior of zebrafish: From synthetic images to biological mechanisms of shoaling. <i>Journal of Neuroscience Methods</i> , 2014, 234, 59-65.	2.5	91
45	Maturation of shoaling behavior is accompanied by changes in the dopaminergic and serotonergic systems in zebrafish. <i>Developmental Psychobiology</i> , 2012, 54, 28-35.	1.6	89
46	Eph receptors and neural plasticity. <i>Nature Reviews Neuroscience</i> , 2001, 2, 205-209.	10.2	87
47	Associative learning performance is impaired in zebrafish (<i>Danio rerio</i>) by the NMDA-R antagonist MK-801. <i>Neurobiology of Learning and Memory</i> , 2011, 96, 230-237.	1.9	87
48	Chronic social isolation affects thigmotaxis and whole-brain serotonin levels in adult zebrafish. <i>Behavioural Brain Research</i> , 2015, 292, 283-287.	2.2	84
49	Maturation of shoaling in two zebrafish strains: A behavioral and neurochemical analysis. <i>Behavioural Brain Research</i> , 2013, 247, 1-8.	2.2	79
50	Induction of Social Behavior in Zebrafish: Live Versus Computer Animated Fish as Stimuli. <i>Zebrafish</i> , 2014, 11, 185-197.	1.1	79
51	Technical and conceptual considerations for using animated stimuli in studies of animal behavior. <i>Environmental Epigenetics</i> , 2017, 63, 5-19.	1.8	78
52	Behavioral performance altering effects of MK-801 in zebrafish (<i>Danio rerio</i>). <i>Behavioural Brain Research</i> , 2011, 220, 331-337.	2.2	76
53	Individual differences in activity levels in zebrafish (<i>Danio rerio</i>). <i>Behavioural Brain Research</i> , 2013, 257, 224-229.	2.2	75
54	Diving deeper into Zebrafish development of social behavior: Analyzing high resolution data. <i>Journal of Neuroscience Methods</i> , 2014, 234, 66-72.	2.5	75

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55	Reproducibility and replicability in zebrafish behavioral neuroscience research. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 178, 30-38.	2.9	75
56	Using Zebrafish to Unravel the Genetics of Complex Brain Disorders. <i>Current Topics in Behavioral Neurosciences</i> , 2011, 12, 3-24.	1.7	74
57	Can zebrafish learn spatial tasks? An empirical analysis of place and single CS-US associative learning. <i>Behavioural Brain Research</i> , 2012, 233, 415-421.	2.2	74
58	An automated predator avoidance task in zebrafish. <i>Behavioural Brain Research</i> , 2011, 216, 166-171.	2.2	73
59	Latent learning in zebrafish (<i>Danio rerio</i>). <i>Behavioural Brain Research</i> , 2010, 208, 509-515.	2.2	72
60	Sight of conspecific images induces changes in neurochemistry in zebrafish. <i>Behavioural Brain Research</i> , 2013, 243, 294-299.	2.2	71
61	Neurochemical and Behavioral Responses to Unpredictable Chronic Mild Stress Following Developmental Isolation: The Zebrafish as a Model for Major Depression. <i>Zebrafish</i> , 2017, 14, 23-34.	1.1	71
62	Spontaneous discrimination of small quantities: shoaling preferences in angelfish (<i>Pterophyllum</i>) Tj ETQq0 0 0 rgBT, /Overlock 10 Tf 50 4	1.8	69
63	Chronic alcohol exposure induced gene expression changes in the zebrafish brain. <i>Behavioural Brain Research</i> , 2011, 216, 66-76.	2.2	64
64	Fish in behavior research: Unique tools with a great promise!. <i>Journal of Neuroscience Methods</i> , 2014, 234, 54-58.	2.5	62
65	Serotonin antagonists induce anxiolytic and anxiogenic-like behavior in zebrafish in a receptor-subtype dependent manner. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 126, 170-180.	2.9	61
66	An integrative analysis of ethanol tolerance and withdrawal in zebrafish (<i>Danio rerio</i>). <i>Behavioural Brain Research</i> , 2015, 276, 161-170.	2.2	61
67	Altered spatial learning and memory in mice lacking the mGluR4 subtype of metabotropic glutamate receptor.. <i>Behavioral Neuroscience</i> , 1998, 112, 525-532.	1.2	60
68	Embryonic alcohol exposure impairs associative learning performance in adult zebrafish. <i>Behavioural Brain Research</i> , 2014, 265, 181-187.	2.2	60
69	Developmental social isolation affects adult behavior, social interaction, and dopamine metabolite levels in zebrafish. <i>Developmental Psychobiology</i> , 2018, 60, 43-56.	1.6	60
70	Developing high-throughput zebrafish screens for in-vivo CNS drug discovery. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 14.	2.0	58
71	Chronic and acute alcohol administration induced neurochemical changes in the brain: comparison of distinct zebrafish populations. <i>Amino Acids</i> , 2014, 46, 921-930.	2.7	57
72	The zebrafish as a promising tool for modeling human brain disorders: A review based upon an IBNS Symposium. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 85, 176-190.	6.1	57

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73	Embryonic Alcohol Exposure Impairs the Dopaminergic System and Social Behavioral Responses in Adult Zebrafish. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu089-pyu089.	2.1	56
74	Effect of social isolation on anxiety-related behaviors, cortisol, and monoamines in adult zebrafish.. <i>Behavioral Neuroscience</i> , 2017, 131, 492-504.	1.2	56
75	Learning and memory in zebrafish (<i>Danio rerio</i>). <i>Methods in Cell Biology</i> , 2016, 134, 551-586.	1.1	55
76	Antipredatory Behavior of Zebrafish: Adaptive Function and a Tool for Translational Research. <i>Evolutionary Psychology</i> , 2013, 11, 591-605.	0.9	54
77	Altered performance characteristics in cognitive tasks: comparison of the albino ICR and CD1 mouse strains. <i>Behavioural Brain Research</i> , 2002, 133, 351-361.	2.2	52
78	Breeding Zebrafish: A Review of Different Methods and a Discussion on Standardization. <i>Zebrafish</i> , 2017, 14, 561-573.	1.1	52
79	Quantification abilities in angelfish (<i>Pterophyllum scalare</i>): the influence of continuous variables. <i>Animal Cognition</i> , 2013, 16, 373-383.	1.8	51
80	Strain dependent neurochemical changes induced by embryonic alcohol exposure in zebrafish. <i>Neurotoxicology and Teratology</i> , 2014, 41, 1-7.	2.4	51
81	Strain dependent gene expression and neurochemical levels in the brain of zebrafish: Focus on a few alcohol related targets. <i>Physiology and Behavior</i> , 2012, 107, 773-780.	2.1	50
82	Evolutionary conservation, translational relevance and cognitive function: The future of zebrafish in behavioral neuroscience. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 116, 426-435.	6.1	50
83	Associative Learning in Zebrafish (<i>Danio rerio</i>). <i>Methods in Cell Biology</i> , 2011, 101, 249-270.	1.1	48
84	Impairment of social behaviour persists two years after embryonic alcohol exposure in zebrafish: A model of fetal alcohol spectrum disorders. <i>Behavioural Brain Research</i> , 2015, 292, 102-108.	2.2	48
85	Spatial and Nonspatial Learning in Mice: Effects of S100 β Overexpression and Age. <i>Neurobiology of Learning and Memory</i> , 1996, 66, 143-154.	1.9	47
86	Acute ethanol exposure induces behavioural differences in two zebrafish (<i>Danio rerio</i>) strains: A time course analysis. <i>Behavioural Brain Research</i> , 2014, 259, 174-185.	2.2	47
87	Acute and chronic ethanol exposure differentially alters alcohol dehydrogenase and aldehyde dehydrogenase activity in the zebrafish liver. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 56, 221-226.	4.8	46
88	Zebrafish and relational memory: Could a simple fish be useful for the analysis of biological mechanisms of complex vertebrate learning?. <i>Behavioural Processes</i> , 2017, 141, 242-250.	1.1	46
89	Acute net stressor increases whole-body cortisol levels without altering whole-brain monoamines in zebrafish.. <i>Behavioral Neuroscience</i> , 2014, 128, 621-624.	1.2	45
90	Neurochemical factors underlying individual differences in locomotor activity and anxiety-like behavioral responses in zebrafish. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 65, 25-33.	4.8	45

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91	Hippocampal LTP and memory in mouse strains: Is there evidence for a causal relationship? <i>Hippocampus</i> , 2002, 12, 657-666.	1.9	44
92	Genotype-environment interaction and the correlation structure of behavioral elements in paradise fish (<i>Macropodus opercularis</i>). <i>Physiology and Behavior</i> , 1990, 47, 343-356.	2.1	42
93	Time-dependent interacting effects of caffeine, diazepam, and ethanol on zebrafish behaviour. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 75, 16-27.	4.8	42
94	Can Paradise Fish (<i>Macropodus opercularis</i> , Anabantidae) Recognize a Natural Predator? An Ethological Analysis. <i>Ethology</i> , 1993, 94, 127-136.	1.1	41
95	A small fish with a big future: zebrafish in behavioral neuroscience. <i>Reviews in the Neurosciences</i> , 2011, 22, 3-4.	2.9	41
96	Targeted knockout of a chemokine-like gene increases anxiety and fear responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1041-E1050.	7.1	39
97	The integration of sociality, monoamines and stress neuroendocrinology in fish models: applications in the neurosciences. <i>Journal of Fish Biology</i> , 2018, 93, 170-191.	1.6	39
98	Acute and chronic alcohol administration: Effects on performance of zebrafish in a latent learning task. <i>Behavioural Brain Research</i> , 2015, 282, 76-83.	2.2	37
99	Interaction between handling induced stress and anxiolytic effects of ethanol in zebrafish: A behavioral and neurochemical analysis. <i>Behavioural Brain Research</i> , 2016, 298, 278-285.	2.2	37
100	Re-examining the factors affecting choice in the light-dark preference test in zebrafish. <i>Behavioural Brain Research</i> , 2017, 327, 21-28.	2.2	37
101	Animated images in the analysis of zebrafish behavior. <i>Environmental Epigenetics</i> , 2017, 63, 35-44.	1.8	37
102	Effects of animated images of sympatric predators and abstract shapes on fear responses in zebrafish. <i>Behaviour</i> , 2012, 149, 1125-1153.	0.8	36
103	Recent advances with a novel model organism: Alcohol tolerance and sensitization in zebrafish (<i>Danio rerio</i>). <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 55, 87-93.	4.8	36
104	Animated bird silhouette above the tank: Acute alcohol diminishes fear responses in zebrafish. <i>Behavioural Brain Research</i> , 2012, 229, 194-201.	2.2	35
105	Learning to find the opponent: An ethological analysis of the behavior of paradise fish (<i>Macropodus</i>)	0.5	34
106	Activity Counts: The Effect of Swimming Activity on Quantity Discrimination in Fish. <i>Frontiers in Psychology</i> , 2012, 3, 484.	2.1	33
107	Zebrafish prefer larger to smaller shoals: analysis of quantity estimation in a genetically tractable model organism. <i>Animal Cognition</i> , 2017, 20, 813-821.	1.8	33
108	Inheritance of species-specific behaviors in the paradise fish (<i>Macropodus opercularis</i>): A diallel study. <i>Behavior Genetics</i> , 1990, 20, 487-498.	2.1	32

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109	Force transducer-based movement detection in fear conditioning in mice: A comparative analysis. <i>Hippocampus</i> , 2002, 12, 4-17.	1.9	32
110	Redefining membership in animal groups. <i>Behavior Research Methods</i> , 2011, 43, 964-970.	4.0	32
111	Embryonic alcohol exposure leading to social avoidance and altered anxiety responses in adult zebrafish. <i>Behavioural Brain Research</i> , 2018, 352, 62-69.	2.2	31
112	Differential effects of dopamine D1 and D2/3 receptor antagonism on motor responses. <i>Psychopharmacology</i> , 2015, 232, 795-806.	3.1	30
113	Zebrafish phenomics: behavioral screens and phenotyping of mutagenized fish. <i>Current Opinion in Behavioral Sciences</i> , 2015, 2, 21-27.	3.9	30
114	Conspecific exploration in the T-maze: Abnormalities in S100 β transgenic mice. <i>Physiology and Behavior</i> , 1996, 60, 31-36.	2.1	29
115	The light-dark task in zebrafish confuses two distinct factors: Interaction between background shade and illumination level preference. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 179, 9-21.	2.9	29
116	Behavioral impairment of APPV717F mice in fear conditioning: is it only cognition?. <i>Behavioural Brain Research</i> , 2002, 136, 503-509.	2.2	28
117	Autism: a large unmet medical need and a complex research problem. <i>Physiology and Behavior</i> , 2003, 79, 461-470.	2.1	28
118	Automated Tracking of Zebrafish Shoals and the Analysis of Shoaling Behavior. <i>Neuromethods</i> , 2012, , 217-230.	0.3	28
119	Memory and the effect of cold shock in the water maze in S100 β transgenic mice. <i>Physiology and Behavior</i> , 1996, 60, 611-615.	2.1	27
120	Lasting changes induced by mild alcohol exposure during embryonic development in <sc>BDNF</sc>, <sc>NCAM</sc> and synaptophysin α positive neurons quantified in adult zebrafish. <i>European Journal of Neuroscience</i> , 2018, 47, 1457-1473.	2.6	27
121	Embryonic alcohol exposure: Towards the development of a zebrafish model of fetal alcohol spectrum disorders. <i>Developmental Psychobiology</i> , 2015, 57, 787-798.	1.6	26
122	The effect of the number and size of animated conspecific images on shoaling responses of zebrafish. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 139, 94-102.	2.9	25
123	The Role of Body Surface Area in Quantity Discrimination in Angelfish (<i>Pterophyllum scalare</i>). <i>PLoS ONE</i> , 2013, 8, e83880.	2.5	25
124	Gene Targeting Using Homologous Recombination in Embryonic Stem Cells: The Future for Behavior Genetics?. <i>Frontiers in Genetics</i> , 2016, 7, 43.	2.3	24
125	The Novel Tank Test: Handling Stress and the Context Specific Psychopharmacology of Anxiety. <i>Current Psychopharmacology</i> , 2016, 5, 169-179.	0.3	24
126	Understanding the neurobiological effects of drug abuse: Lessons from zebrafish models. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 100, 109873.	4.8	23

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127	Behavioral Responses to Novelty or to a Predator Stimulus Are Not Altered in Adult Zebrafish by Early Embryonic Alcohol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 2667-2675.	2.4	22
128	Associative learning in the multichamber tank: A new learning paradigm for zebrafish. <i>Behavioural Brain Research</i> , 2016, 312, 279-284.	2.2	22
129	Fetal alcohol spectrum disorders: Zebrafish in the analysis of the milder and more prevalent form of the disease. <i>Behavioural Brain Research</i> , 2018, 352, 125-132.	2.2	22
130	A Simple Method for Immunohistochemical Staining of Zebrafish Brain Sections for <i>c-fos</i> Protein Expression. <i>Zebrafish</i> , 2015, 12, 414-420.	1.1	21
131	Inhibition of phosphorylated tyrosine hydroxylase attenuates ethanol-induced hyperactivity in adult zebrafish (<i>Danio rerio</i>). <i>Pharmacology Biochemistry and Behavior</i> , 2015, 138, 32-39.	2.9	21
132	Differential effects of acute administration of SCH-23390, a D1 receptor antagonist, and of ethanol on swimming activity, anxiety-related responses, and neurochemistry of zebrafish. <i>Psychopharmacology</i> , 2015, 232, 3709-3718.	3.1	21
133	Discrimination of large quantities: Weber's law and short-term memory in angelfish, <i>Pterophyllum scalare</i> . <i>Animal Behaviour</i> , 2016, 112, 29-37.	1.9	20
134	Pharmacological (ethanol) and mutation (<i>sam2</i> KO) induced impairment of novelty preference in zebrafish quantified using a new three-chamber social choice task. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 88, 53-65.	4.8	20
135	Short-term memory in zebrafish (<i>Danio rerio</i>). <i>Behavioural Brain Research</i> , 2014, 270, 29-36.	2.2	19
136	Angelfish (<i>Pterophyllum scalare</i>) discriminate between small quantities: A role of memory. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 2015, 129, 78-83.	0.5	19
137	The Zebrafish, a Novel Model Organism for Screening Compounds Affecting Acute and Chronic Ethanol-Induced Effects. <i>International Review of Neurobiology</i> , 2016, 126, 467-484.	2.0	19
138	Zebrafish Shoaling, Its Behavioral and Neurobiological Mechanisms, and Its Alteration by Embryonic Alcohol Exposure: A Review. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 572175.	2.0	19
139	Antipredator behavior in paradise fish (<i>Macropodus opercularis</i>) larvae: the role of genetic factors and paternal influence. <i>Behavior Genetics</i> , 1997, 27, 191-200.	2.1	18
140	Targeting Genes and Proteins in the Analysis of Learning and Memory: Caveats and Future Directions. <i>Reviews in the Neurosciences</i> , 2000, 11, 15-26.	2.9	18
141	Autism: a target of pharmacotherapies?. <i>Drug Discovery Today</i> , 2004, 9, 366-374.	6.4	17
142	Subcutaneous dye injection for marking and identification of individual adult zebrafish (<i>Danio rerio</i>) in behavioral studies. <i>Behavior Research Methods</i> , 2014, 46, 619-624.	4.0	17
143	Acute alcohol exposure increases tyrosine hydroxylase protein expression and dopamine synthesis in zebrafish. <i>Behavioural Brain Research</i> , 2017, 317, 237-241.	2.2	17
144	Developmental stage and genotype dependent behavioral effects of embryonic alcohol exposure in zebrafish larvae. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 97, 109774.	4.8	17

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145	The effects of small but abrupt change in temperature on the behavior of larval zebrafish. <i>Physiology and Behavior</i> , 2020, 227, 113169.	2.1	17
146	Alcohol-induced behavioral changes in zebrafish: The role of dopamine D2-like receptors. <i>Psychopharmacology</i> , 2016, 233, 2119-2128.	3.1	16
147	Forward Genetic Screening Using Behavioral Tests in Zebrafish: A Proof of Concept Analysis of Mutants. <i>Behavior Genetics</i> , 2017, 47, 125-139.	2.1	16
148	Quantity discrimination in angelfish, <i>Pterophyllum scalare</i> : a novel approach with food as the discriminant. <i>Animal Behaviour</i> , 2018, 142, 19-30.	1.9	16
149	MK-801 increases locomotor activity in a context-dependent manner in zebrafish. <i>Behavioural Brain Research</i> , 2016, 296, 26-29.	2.2	15
150	Short exposure to low concentrations of alcohol during embryonic development has only subtle and strain-dependent effect on the levels of five amino acid neurotransmitters in zebrafish. <i>Neurotoxicology and Teratology</i> , 2018, 68, 91-96.	2.4	15
151	Diazepam fails to alter anxiety-like responses but affects motor function in a white-black test paradigm in larval zebrafish (<i>Danio rerio</i>). <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 83, 127-136.	4.8	14
152	Developmental stage-dependent deficits induced by embryonic ethanol exposure in zebrafish: A neurochemical analysis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 99, 109859.	4.8	14
153	Restrictions on the Importation of Zebrafish into Canada Associated with Spring Viremia of Carp Virus. <i>Zebrafish</i> , 2016, 13, S-153-S-163.	1.1	13
154	Alcohol exposure during embryonic development: An opportunity to conduct systematic developmental time course analyses in zebrafish. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 98, 185-193.	6.1	13
155	Feeding status alters exploratory and anxiety-like behaviors in zebrafish larvae exposed to quinpirole. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 108, 110179.	4.8	13
156	Dose dependent behavioral effects of acute alcohol administration in zebrafish fry. <i>Pharmacology Biochemistry and Behavior</i> , 2019, 179, 124-133.	2.9	12
157	Organization of motor and posture patterns in paradise fish (<i>Macropodus opercularis</i>): Environmental and genetic components of phenotypical correlation structures. <i>Behavior Genetics</i> , 1995, 25, 385-396.	2.1	11
158	Perspectives on zebrafish neurobehavioral pharmacology. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 139, 93.	2.9	11
159	Quantity discrimination in angelfish (<i>Pterophyllum scalare</i>) is maintained after a 30-s retention interval in the large but not in the small number range. <i>Animal Cognition</i> , 2017, 20, 829-840.	1.8	11
160	Early social deprivation does not affect cortisol response to acute and chronic stress in zebrafish. <i>Stress</i> , 2021, 24, 273-281.	1.8	11
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