

Allan V Kalueff

List of Publications by Year in descending order

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Version: 2024-02-01

303
papers

16,855
citations

17405

63
h-index

20307

116
g-index

309
all docs

309
docs citations

309
times ranked

13437
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding behavioral and physiological phenotypes of stress and anxiety in zebrafish. Behavioural Brain Research, 2009, 205, 38-44.	1.2	1,056
2	Zebrafish as an emerging model for studying complex brain disorders. Trends in Pharmacological Sciences, 2014, 35, 63-75.	4.0	827
3	Towards a Comprehensive Catalog of Zebrafish Behavior 1.0 and Beyond. Zebrafish, 2013, 10, 70-86.	0.5	795
4	Neurobiology of rodent self-grooming and its value for translational neuroscience. Nature Reviews Neuroscience, 2016, 17, 45-59.	4.9	558
5	Zebrafish models for translational neuroscience research: from tank to bedside. Trends in Neurosciences, 2014, 37, 264-278.	4.2	533
6	Measuring behavioral and endocrine responses to novelty stress in adult zebrafish. Nature Protocols, 2010, 5, 1786-1799.	5.5	522
7	Role of GABA in anxiety and depression. Depression and Anxiety, 2007, 24, 495-517.	2.0	416
8	Analyzing habituation responses to novelty in zebrafish (Danio rerio). Behavioural Brain Research, 2010, 208, 450-457.	1.2	366
9	Modeling anxiety using adult zebrafish: A conceptual review. Neuropharmacology, 2012, 62, 135-143.	2.0	315
10	Three-Dimensional Neurophenotyping of Adult Zebrafish Behavior. PLoS ONE, 2011, 6, e17597.	1.1	244
11	Neurosteroid hormone vitamin D and its utility in clinical nutrition. Current Opinion in Clinical Nutrition and Metabolic Care, 2007, 10, 12-19.	1.3	229
12	The grooming analysis algorithm discriminates between different levels of anxiety in rats: potential utility for neurobehavioural stress research. Journal of Neuroscience Methods, 2005, 143, 169-177.	1.3	223
13	Grooming analysis algorithm for neurobehavioural stress research. Brain Research Protocols, 2004, 13, 151-158.	1.7	221
14	Characterization of behavioral and endocrine effects of LSD on zebrafish. Behavioural Brain Research, 2010, 214, 277-284.	1.2	217
15	Pharmacological modulation of anxiety-like phenotypes in adult zebrafish behavioral models. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 1421-1431.	2.5	193
16	Analyzing grooming microstructure in neurobehavioral experiments. Nature Protocols, 2007, 2, 2538-2544.	5.5	188
17	The developing utility of zebrafish models of neurological and neuropsychiatric disorders: A critical review. Experimental Neurology, 2018, 299, 157-171.	2.0	188
18	Gaining translational momentum: More zebrafish models for neuroscience research. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 55, 1-6.	2.5	178

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19	Molecular psychiatry of zebrafish. <i>Molecular Psychiatry</i> , 2015, 20, 2-17.	4.1	174
20	Comparative Analyses of Zebrafish Anxiety-Like Behavior Using Conflict-Based Novelty Tests. <i>Zebrafish</i> , 2017, 14, 197-208.	0.5	169
21	Modeling withdrawal syndrome in zebrafish. <i>Behavioural Brain Research</i> , 2010, 208, 371-376.	1.2	162
22	The role of omega-3 polyunsaturated fatty acids eicosapentaenoic and docosahexaenoic acids in the treatment of major depression and Alzheimer's disease: Acting separately or synergistically?. <i>Progress in Lipid Research</i> , 2016, 62, 41-54.	5.3	146
23	Automated high-throughput neurophenotyping of zebrafish social behavior. <i>Journal of Neuroscience Methods</i> , 2012, 210, 266-271.	1.3	144
24	Behavioral and physiological effects of acute ketamine exposure in adult zebrafish. <i>Neurotoxicology and Teratology</i> , 2011, 33, 658-667.	1.2	139
25	Zebrafish models in neuropsychopharmacology and CNS drug discovery. <i>British Journal of Pharmacology</i> , 2017, 174, 1925-1944.	2.7	137
26	25-Hydroxyvitamin D3 is an agonistic vitamin D receptor ligand. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 118, 162-170.	1.2	130
27	“Vitamin D and cognition in older adults”: updated international recommendations. <i>Journal of Internal Medicine</i> , 2015, 277, 45-57.	2.7	130
28	Zebrafish models to study drug abuse-related phenotypes. <i>Reviews in the Neurosciences</i> , 2011, 22, 95-105.	1.4	127
29	Developing zebrafish models of autism spectrum disorder (ASD). <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 50, 27-36.	2.5	126
30	Premature aging in vitamin D receptor mutant mice. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009, 115, 91-97.	1.2	119
31	Mouse grooming microstructure is a reliable anxiety marker bidirectionally sensitive to GABAergic drugs. <i>European Journal of Pharmacology</i> , 2005, 508, 147-153.	1.7	114
32	Modeling seizure-related behavioral and endocrine phenotypes in adult zebrafish. <i>Brain Research</i> , 2010, 1348, 209-215.	1.1	114
33	Psychedelic Drugs in Biomedicine. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 992-1005.	4.0	113
34	Increased anxiety in mice lacking vitamin D receptor gene. <i>NeuroReport</i> , 2004, 15, 1271-1274.	0.6	112
35	Zebrafish neurobehavioral phenomics for aquatic neuropharmacology and toxicology research. <i>Aquatic Toxicology</i> , 2016, 170, 297-309.	1.9	106
36	Understanding spatio-temporal strategies of adult zebrafish exploration in the open field test. <i>Brain Research</i> , 2012, 1451, 44-52.	1.1	103

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37	Zebrafish models of autism spectrum disorder. <i>Experimental Neurology</i> , 2018, 299, 207-216.	2.0	103
38	Psychosocial stress on neuroinflammation and cognitive dysfunctions in Alzheimer's disease: the emerging role for microglia?. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 77, 148-164.	2.9	101
39	Intranasal administration of human IL-6 increases the severity of chemically induced seizures in rats. <i>Neuroscience Letters</i> , 2004, 365, 106-110.	1.0	100
40	Unique and potent effects of acute ibogaine on zebrafish: The developing utility of novel aquatic models for hallucinogenic drug research. <i>Behavioural Brain Research</i> , 2013, 236, 258-269.	1.2	98
41	Effects of hallucinogenic agents mescaline and phencyclidine on zebrafish behavior and physiology. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 37, 194-202.	2.5	94
42	Homebase behavior of zebrafish in novelty-based paradigms. <i>Behavioural Processes</i> , 2010, 85, 198-203.	0.5	93
43	Perspectives of zebrafish models of epilepsy: What, how and where next?. <i>Brain Research Bulletin</i> , 2012, 87, 135-143.	1.4	90
44	Vestibular dysfunction in vitamin D receptor mutant mice. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009, 114, 161-166.	1.2	85
45	Contrasting grooming phenotypes in three mouse strains markedly different in anxiety and activity (129S1, BALB/c and NMRI). <i>Behavioural Brain Research</i> , 2005, 160, 1-10.	1.2	84
46	The effects of chronic social defeat stress on mouse self-grooming behavior and its patterning. <i>Behavioural Brain Research</i> , 2010, 208, 553-559.	1.2	83
47	Developing better and more valid animal models of brain disorders. <i>Behavioural Brain Research</i> , 2015, 276, 28-31.	1.2	81
48	Rapid prototyping of soft bioelectronic implants for use as neuromuscular interfaces. <i>Nature Biomedical Engineering</i> , 2020, 4, 1010-1022.	11.6	78
49	Are serotonin transporter knockout mice "depressed"? hypoactivity but no anhedonia. <i>NeuroReport</i> , 2006, 17, 1347-1351.	0.6	77
50	Decoding the contribution of dopaminergic genes and pathways to autism spectrum disorder (ASD). <i>Neurochemistry International</i> , 2014, 66, 15-26.	1.9	77
51	Modeling consequences of prolonged strong unpredictable stress in zebrafish: Complex effects on behavior and physiology. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 384-394.	2.5	77
52	Locomotory patterns, spatiotemporal organization of exploration and spatial memory in serotonin transporter knockout mice. <i>Brain Research</i> , 2007, 1169, 87-97.	1.1	75
53	Age of the Donor Reduces the Ability of Human Adipose-Derived Stem Cells to Alleviate Symptoms in the Experimental Autoimmune Encephalomyelitis Mouse Model. <i>Stem Cells Translational Medicine</i> , 2013, 2, 797-807.	1.6	72
54	Behavioural anomalies in mice evoked by "Tokyo" disruption of the Vitamin D receptor gene. <i>Neuroscience Research</i> , 2006, 54, 254-260.	1.0	71

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55	A novel 3D method of locomotor analysis in adult zebrafish: Implications for automated detection of CNS drug-evoked phenotypes. <i>Journal of Neuroscience Methods</i> , 2015, 255, 66-74.	1.3	71
56	Effects of piracetam on behavior and memory in adult zebrafish. <i>Brain Research Bulletin</i> , 2011, 85, 58-63.	1.4	70
57	Anticonvulsant effects of 1,25-dihydroxyvitamin D in chemically induced seizures in mice. <i>Brain Research Bulletin</i> , 2005, 67, 156-160.	1.4	69
58	Behavioral effects of bidirectional modulators of brain monoamines reserpine and d-amphetamine in zebrafish. <i>Brain Research</i> , 2013, 1527, 108-116.	1.1	69
59	Acute stress disrupts performance of zebrafish in the cued and spatial memory tests: The utility of fish models to study stressâ€™memory interplay. <i>Behavioural Processes</i> , 2011, 87, 224-230.	0.5	68
60	Contrasting grooming phenotypes in C57Bl/6 and 129S1/SvImJ mice. <i>Brain Research</i> , 2004, 1028, 75-82.	1.1	67
61	Impaired motor performance in mice lacking neurosteroid vitamin D receptors. <i>Brain Research Bulletin</i> , 2004, 64, 25-29.	1.4	67
62	Perspectives on experimental models of serotonin syndrome in zebrafish. <i>Neurochemistry International</i> , 2013, 62, 893-902.	1.9	67
63	Domain interplay concept in animal models of neuropsychiatric disorders: A new strategy for high-throughput neurophenotyping research. <i>Behavioural Brain Research</i> , 2008, 188, 243-249.	1.2	66
64	Serum cholesterol and expression of ApoAI, LXRI ² and SREBP2 in vitamin D receptor knock-out mice. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2009, 113, 222-226.	1.2	66
65	Understanding autism and other neurodevelopmental disorders through experimental translational neurobehavioral models. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 65, 292-312.	2.9	63
66	Experimental modeling of anxiety and depression. <i>Acta Neurobiologiae Experimentalis</i> , 2004, 64, 439-48.	0.4	63
67	Dietary eicosapentaenoic acid normalizes hippocampal omega-3 and 6 polyunsaturated fatty acid profile, attenuates glial activation and regulates BDNF function in a rodent model of neuroinflammation induced by central interleukin-1 β administration. <i>European Journal of Nutrition</i> , 2018, 57, 1781-1791.	1.8	62
68	Temporal stability of novelty exploration in mice exposed to different open field tests. <i>Behavioural Processes</i> , 2006, 72, 104-112.	0.5	60
69	Analysis of Grooming Behavior and Its Utility in Studying Animal Stress, Anxiety, and Depression. <i>Neuromethods</i> , 2009, , 21-36.	0.2	59
70	Time to recognize zebrafish â€™affectiveâ€™™ behavior. <i>Behaviour</i> , 2012, 149, 1019-1036.	0.4	59
71	BDNF in Anxiety and Depression. <i>Science</i> , 2006, 312, 1598-1599.	6.0	58
72	Increased severity of chemically induced seizures in mice with partially deleted Vitamin D receptor gene. <i>Neuroscience Letters</i> , 2006, 394, 69-73.	1.0	58

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73	Developing high-throughput zebrafish screens for in-vivo CNS drug discovery. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 14.	1.0	58
74	Animal inflammation-based models of depression and their application to drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2017, 12, 995-1009.	2.5	57
75	The Developing Utility of Zebrafish Models for Cognitive Enhancers Research. <i>Current Neuropharmacology</i> , 2012, 10, 263-271.	1.4	56
76	Understanding zebrafish aggressive behavior. <i>Behavioural Processes</i> , 2019, 158, 200-210.	0.5	56
77	Behavioral effects of MDMA (ecstasy™) on adult zebrafish. <i>Behavioural Pharmacology</i> , 2011, 22, 275-280.	0.8	55
78	Perspectives on Zebrafish Models of Hallucinogenic Drugs and Related Psychotropic Compounds. <i>ACS Chemical Neuroscience</i> , 2013, 4, 1137-1150.	1.7	54
79	Zebrafish as a Model of Neurodevelopmental Disorders. <i>Neuroscience</i> , 2020, 445, 3-11.	1.1	53
80	DARK Classics in Chemical Neuroscience: Arecoline. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2176-2185.	1.7	52
81	The behavioral effects of acute δ^9 -tetrahydrocannabinol and heroin (diacetylmorphine) exposure in adult zebrafish. <i>Brain Research</i> , 2014, 1543, 109-119.	1.1	51
82	Aquatic blues: Modeling depression and antidepressant action in zebrafish. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 55, 26-39.	2.5	50
83	Targeting dynamic interplay among disordered domains or endophenotypes to understand complex neuropsychiatric disorders: Translational lessons from preclinical models. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 53, 25-36.	2.9	50
84	Seahorse treatment improves depression-like behavior in mice exposed to CUMS through reducing inflammation/oxidants and restoring neurotransmitter and neurotrophin function. <i>Journal of Ethnopharmacology</i> , 2020, 250, 112487.	2.0	50
85	Neophobia, sensory and cognitive functions, and hedonic responses in vitamin D receptor mutant mice. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007, 104, 274-280.	1.2	49
86	The Importance of Cognitive Phenotypes in Experimental Modeling of Animal Anxiety and Depression. <i>Neural Plasticity</i> , 2007, 2007, 1-7.	1.0	49
87	Adult zebrafish in CNS disease modeling: a tank that's half-full, not half-empty, and still filling. <i>Lab Animal</i> , 2017, 46, 378-387.	0.2	49
88	Sex differences in behavior and neuropharmacology of zebrafish. <i>European Journal of Neuroscience</i> , 2020, 52, 2586-2603.	1.2	49
89	Developing integrative™ zebrafish models of behavioral and metabolic disorders. <i>Behavioural Brain Research</i> , 2013, 256, 172-187.	1.2	48
90	Zebrafish models relevant to studying central opioid and endocannabinoid systems. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 86, 301-312.	2.5	48

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91	Minocycline ameliorates anxiety-related self-grooming behaviors and alters hippocampal neuroinflammation, GABA and serum cholesterol levels in female Sprague-Dawley rats subjected to chronic unpredictable mild stress. <i>Behavioural Brain Research</i> , 2019, 363, 109-117.	1.2	47
92	DARK Classics in Chemical Neuroscience: Atropine, Scopolamine, and Other Anticholinergic Deliriant Hallucinogens. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2144-2159.	1.7	47
93	The regular and light-dark tests of anxiety and sensorimotor integration: utility for behavioral characterization in laboratory rodents. <i>Nature Protocols</i> , 2008, 3, 129-136.	5.5	46
94	Assessing Social Behavior Phenotypes in Adult Zebrafish: Shoaling, Social Preference, and Mirror Biting Tests. <i>Neuromethods</i> , 2012, , 231-246.	0.2	46
95	Acute effects of amitriptyline on adult zebrafish: Potential relevance to antidepressant drug screening and modeling human toxidromes. <i>Neurotoxicology and Teratology</i> , 2017, 62, 27-33.	1.2	46
96	The developing use of heterozygous mutant mouse models in brain monoamine transporter research. <i>Trends in Pharmacological Sciences</i> , 2007, 28, 122-127.	4.0	45
97	Experimental Models of Anxiety for Drug Discovery and Brain Research. <i>Methods in Molecular Biology</i> , 2010, 602, 299-321.	0.4	44
98	Aquatic toxicology of fluoxetine: Understanding the knowns and the unknowns. <i>Aquatic Toxicology</i> , 2014, 156, 269-273.	1.9	44
99	Neurophenotyping of Adult Zebrafish Using the Light/Dark Box Paradigm. <i>Neuromethods</i> , 2011, , 157-167.	0.2	44
100	Genetic and environmental modulation of neurodevelopmental disorders: Translational insights from labs to beds. <i>Brain Research Bulletin</i> , 2016, 125, 79-91.	1.4	43
101	Zebrafish models for personalized psychiatry: Insights from individual, strain and sex differences, and modeling gene x environment interactions. <i>Journal of Neuroscience Research</i> , 2019, 97, 402-413.	1.3	43
102	Sex differences in adult zebrafish anxiolytic-like responses to diazepam and melatonin. <i>Neuroscience Letters</i> , 2020, 714, 134548.	1.0	42
103	Constructing the habitume for phenotype-driven zebrafish research. <i>Behavioural Brain Research</i> , 2013, 236, 110-117.	1.2	41
104	Building Zebrafish Neurobehavioral Phenomics: Effects of Common Environmental Factors on Anxiety and Locomotor Activity. <i>Zebrafish</i> , 2015, 12, 339-348.	0.5	40
105	Understanding zebrafish cognition. <i>Behavioural Processes</i> , 2017, 141, 229-241.	0.5	40
106	N -methyl- d -aspartate receptor-mediated calcium overload and endoplasmic reticulum stress are involved in interleukin-1beta-induced neuronal apoptosis in rat hippocampus. <i>Journal of Neuroimmunology</i> , 2017, 307, 7-13.	1.1	40
107	Anxiogenic-like effects of chronic nicotine exposure in zebrafish. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 139, 112-120.	1.3	38
108	Cytokine and endocrine parameters in mouse chronic social defeat: Implications for translational cross-domain modeling of stress-related brain disorders. <i>Behavioural Brain Research</i> , 2015, 276, 84-91.	1.2	38

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109	'Stressing' rodent self-grooming for neuroscience research. <i>Nature Reviews Neuroscience</i> , 2016, 17, 591-591.	4.9	38
110	The Effects of Chronic Amitriptyline on Zebrafish Behavior and Monoamine Neurochemistry. <i>Neurochemical Research</i> , 2018, 43, 1191-1199.	1.6	38
111	Understanding nociception-related phenotypes in adult zebrafish: Behavioral and pharmacological characterization using a new acetic acid model. <i>Behavioural Brain Research</i> , 2019, 359, 570-578.	1.2	38
112	Anxiety and otovestibular disorders: Linking behavioral phenotypes in men and mice. <i>Behavioural Brain Research</i> , 2008, 186, 1-11.	1.2	37
113	Opioid Neurobiology, Neurogenetics and Neuropharmacology in Zebrafish. <i>Neuroscience</i> , 2019, 404, 218-232.	1.1	36
114	Effects of acute and chronic arecoline in adult zebrafish: Anxiolytic-like activity, elevated brain monoamines and the potential role of microglia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 104, 109977.	2.5	36
115	Understanding neurobehavioral effects of acute and chronic stress in zebrafish. <i>Stress</i> , 2021, 24, 1-18.	0.8	36
116	Video-Aided Analysis of Zebrafish Locomotion and Anxiety-Related Behavioral Responses. <i>Neuromethods</i> , 2011, , 1-14.	0.2	36
117	Zebrafish models for attention deficit hyperactivity disorder (ADHD). <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 100, 9-18.	2.9	35
118	Neuroinflammation and aberrant hippocampal plasticity in a mouse model of emotional stress evoked by exposure to ultrasound of alternating frequencies. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 90, 104-116.	2.5	35
119	The effects of auditory enrichment on zebrafish behavior and physiology. <i>PeerJ</i> , 2018, 6, e5162.	0.9	34
120	Zebrafish models: do we have valid paradigms for depression?. <i>Journal of Pharmacological and Toxicological Methods</i> , 2018, 94, 16-22.	0.3	34
121	Perspectives on genetic animal models of serotonin toxicity. <i>Neurochemistry International</i> , 2008, 52, 649-658.	1.9	33
122	Neurocognitive Effects of Chemotherapy and Endocrine Therapies in the Treatment of Breast Cancer: Recent Perspectives. <i>Cancer Investigation</i> , 2012, 30, 135-148.	0.6	33
123	Neuropharmacology, pharmacogenetics and pharmacogenomics of aggression: The zebrafish model. <i>Pharmacological Research</i> , 2019, 141, 602-608.	3.1	33
124	High-glucose/high-cholesterol diet in zebrafish evokes diabetic and affective pathogenesis: The role of peripheral and central inflammation, microglia and apoptosis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 96, 109752.	2.5	33
125	Modeling Stress and Anxiety in Zebrafish. <i>Neuromethods</i> , 2011, , 73-88.	0.2	33
126	Neurobiology of Memory and Anxiety: From Genes to Behavior. <i>Neural Plasticity</i> , 2007, 2007, 1-12.	1.0	32

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127	Interplay between the key proteins of serotonin system in SSRI antidepressants efficacy. Expert Opinion on Therapeutic Targets, 2018, 22, 319-330.	1.5	32
128	Aberrant nest building and prolactin secretion in vitamin D receptor mutant mice. Journal of Steroid Biochemistry and Molecular Biology, 2007, 104, 269-273.	1.2	31
129	Neurosteroid vitamin D system as a nontraditional drug target in neuropsychopharmacology. Behavioural Pharmacology, 2010, 21, 420-426.	0.8	31
130	Behavioral and physiological effects of RDX on adult zebrafish. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2012, 155, 33-38.	1.3	31
131	Thalamic calcification in vitamin D receptor knockout mice. NeuroReport, 2006, 17, 717-721.	0.6	30
132	Qui non proffit, deficit: Experimental models for "integrative" research of affective disorders. Journal of Affective Disorders, 2010, 121, 1-9.	2.0	30
133	Prefrontal cortex inflammation and liver pathologies accompany cognitive and motor deficits following Western diet consumption in non-obese female mice. Life Sciences, 2020, 241, 117163.	2.0	30
134	The Suok ("ropewalking") murine test of anxiety. Brain Research Protocols, 2005, 14, 87-99.	1.7	29
135	Refining psychiatric genetics: from "mouse psychiatry" to understanding complex human disorders. Behavioural Pharmacology, 2008, 19, 377-384.	0.8	29
136	The smell of "anxiety": Behavioral modulation by experimental anosmia in zebrafish. Physiology and Behavior, 2016, 157, 67-71.	1.0	29
137	ABNORMAL BEHAVIORAL ORGANIZATION OF GROOMING IN MICE LACKING THE VITAMIN D RECEPTOR GENE. Journal of Neurogenetics, 2005, 19, 1-24.	0.6	28
138	Hybridizing behavioral models: A possible solution to some problems in neurophenotyping research?. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2008, 32, 1172-1178.	2.5	27
139	Towards high-throughput phenotyping of complex patterned behaviors in rodents: Focus on mouse self-grooming and its sequencing. Behavioural Brain Research, 2011, 225, 426-431.	1.2	27
140	The role of intraspecies variation in fish neurobehavioral and neuropharmacological phenotypes in aquatic models. Aquatic Toxicology, 2019, 210, 44-55.	1.9	27
141	Measuring Endocrine (Cortisol) Responses of Zebrafish to Stress. Neuromethods, 2011, , 135-142.	0.2	26
142	Acute behavioral effects of deliriant hallucinogens atropine and scopolamine in adult zebrafish. Behavioural Brain Research, 2019, 359, 274-280.	1.2	26
143	The zebrafish tail immobilization (ZTI) test as a new tool to assess stress-related behavior and a potential screen for drugs affecting despair-like states. Journal of Neuroscience Methods, 2020, 337, 108637.	1.3	25
144	Psychopharmacological effects of acute exposure to kynurenic acid (KYNA) in zebrafish. Pharmacology Biochemistry and Behavior, 2013, 108, 54-60.	1.3	24

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145	Neuroinflammation therapy improves motor outcomes and suppresses inflammation during experimental syndrome of amyotrophic lateral sclerosis in mice. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 504-517.	1.9	24
146	Understanding complex dynamics of behavioral, neurochemical and transcriptomic changes induced by prolonged chronic unpredictable stress in zebrafish. <i>Scientific Reports</i> , 2020, 10, 19981.	1.6	24
147	Behavioral and physiological effects of acute and chronic kava exposure in adult zebrafish. <i>Neurotoxicology and Teratology</i> , 2020, 79, 106881.	1.2	24
148	Developing zebrafish models relevant to PTSD and other trauma- and stressor-related disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 55, 67-79.	2.5	23
149	Exploring Hallucinogen Pharmacology and Psychedelic Medicine with Zebrafish Models. <i>Zebrafish</i> , 2016, 13, 379-390.	0.5	23
150	Effects of LSD on grooming behavior in serotonin transporter heterozygous (Sert) mice. <i>Behavioural Brain Research</i> , 2016, 296, 47-52.	1.2	23
151	The rights and wrongs of zebrafish: Behavioral phenotyping of zebrafish. , 2017, , .		23
152	Zebrafish models of epigenetic regulation of CNS functions. <i>Brain Research Bulletin</i> , 2018, 142, 344-351.	1.4	23
153	Modeling neurodegenerative disorders in zebrafish. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 138, 104679.	2.9	23
154	Multipotent Stromal Cells Alleviate Inflammation, Neuropathology, and Symptoms Associated with Globoid Cell Leukodystrophy in the Twitcher Mouse. <i>Stem Cells</i> , 2013, 31, 1523-1534.	1.4	22
155	Modeling gut-brain interactions in zebrafish. <i>Brain Research Bulletin</i> , 2019, 148, 55-62.	1.4	22
156	Alterations in grooming activity and syntax in heterozygous SERT and BDNF knockout mice: The utility of behavior-recognition tools to characterize mutant mouse phenotypes. <i>Brain Research Bulletin</i> , 2012, 89, 168-176.	1.4	21
157	Anxiolytic drug discovery: what are the novel approaches and how can we improve them?. <i>Expert Opinion on Drug Discovery</i> , 2014, 9, 15-26.	2.5	21
158	Modeling neuropsychiatric spectra to empower translational biological psychiatry. <i>Behavioural Brain Research</i> , 2015, 276, 1-7.	1.2	21
159	Zebrafish Models of Anxiety-Like Behaviors. , 2017, , 45-72.		21
160	The evolutionarily conserved role of melatonin in CNS disorders and behavioral regulation: Translational lessons from zebrafish. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 99, 117-127.	2.9	21
161	Emotional behavior in aquatic organisms? Lessons from crayfish and zebrafish. <i>Journal of Neuroscience Research</i> , 2020, 98, 764-779.	1.3	21
162	Psychoneuroimmunology and immunopsychiatry of zebrafish. <i>Psychoneuroendocrinology</i> , 2018, 92, 1-12.	1.3	20

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163	The Influence of Behavioral, Social, and Environmental Factors on Reproducibility and Replicability in Aquatic Animal Models. <i>ILAR Journal</i> , 2019, 60, 270-288.	1.8	20
164	Influence of paternal genotypes on F1 behaviors: Lessons from several mouse strains. <i>Behavioural Brain Research</i> , 2007, 177, 45-50.	1.2	19
165	Understanding the Role of Environmental Enrichment in Zebrafish Neurobehavioral Models. <i>Zebrafish</i> , 2018, 15, 425-432.	0.5	19
166	Developing zebrafish experimental animal models relevant to schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 105, 126-133.	2.9	19
167	Legal aspects of zebrafish neuropharmacology and neurotoxicology research. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 101, 65-70.	1.3	19
168	Understanding Central Nervous System Effects of Deliriant Hallucinogenic Drugs through Experimental Animal Models. <i>ACS Chemical Neuroscience</i> , 2019, 10, 143-154.	1.7	19
169	An acetylcholinesterase inhibitor, donepezil, increases anxiety and cortisol levels in adult zebrafish. <i>Journal of Psychopharmacology</i> , 2020, 34, 1449-1456.	2.0	19
170	The impact of housing environment color on zebrafish anxiety-like behavioral and physiological (cortisol) responses. <i>General and Comparative Endocrinology</i> , 2020, 294, 113499.	0.8	19
171	Phenotyping of Zebrafish Homebase Behaviors in Novelty-Based Tests. <i>NeuroMethods</i> , 2011, , 143-155.	0.2	19
172	Abnormal repetitive behaviors in zebrafish and their relevance to human brain disorders. <i>Behavioural Brain Research</i> , 2019, 367, 101-110.	1.2	18
173	Zebrafish models of diabetes-related CNS pathogenesis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 92, 48-58.	2.5	18
174	Delayed behavioral and genomic responses to acute combined stress in zebrafish, potentially relevant to PTSD and other stress-related disorders: Focus on neuroglia, neuroinflammation, apoptosis and epigenetic modulation. <i>Behavioural Brain Research</i> , 2020, 389, 112644.	1.2	18
175	Understanding how stress responses and stress-related behaviors have evolved in zebrafish and mammals. <i>Neurobiology of Stress</i> , 2021, 15, 100405.	1.9	18
176	Using zebrafish (<i>Danio rerio</i>) models to understand the critical role of social interactions in mental health and wellbeing. <i>Progress in Neurobiology</i> , 2022, 208, 101993.	2.8	18
177	Stress-induced aggression in heterozygous TPH2 mutant mice is associated with alterations in serotonin turnover and expression of 5-HT6 and AMPA subunit 2A receptors. <i>Journal of Affective Disorders</i> , 2020, 272, 440-451.	2.0	17
178	Mouse Models for Studying Depression-Like States and Antidepressant Drugs. <i>Methods in Molecular Biology</i> , 2010, 602, 267-282.	0.4	17
179	The Zebrafish Neurophenome Database (ZND): A Dynamic Open-Access Resource for Zebrafish Neurophenotypic Data. <i>Zebrafish</i> , 2012, 9, 8-14.	0.5	16
180	Rethinking CNS disorders: time for new drug targets?. <i>Trends in Pharmacological Sciences</i> , 2014, 35, 491-492.	4.0	16

#	ARTICLE	IF	CITATIONS
181	Improving treatment of neurodevelopmental disorders: recommendations based on preclinical studies. <i>Expert Opinion on Drug Discovery</i> , 2016, 11, 11-25.	2.5	16
182	Understanding taurine CNS activity using alternative zebrafish models. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 525-539.	2.9	16
183	DARK Classics in Chemical Neuroscience: Î±-Pyrrolidinovalerophenone (â€œFlakkaâ€œ). <i>ACS Chemical Neuroscience</i> , 2019, 10, 168-174.	1.7	16
184	Ultrasound stress compromises the correlates of emotional-like states and brain AMPAR expression in mice: effects of antioxidant and anti-inflammatory herbal treatment. <i>Stress</i> , 2020, 23, 481-495.	0.8	16
185	Non-pharmacological and pharmacological approaches for psychiatric disorders: Re-appraisal and insights from zebrafish models. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 193, 172928.	1.3	16
186	Increased Oxidative Stress in the Prefrontal Cortex as a Shared Feature of Depressive- and PTSD-Like Syndromes: Effects of a Standardized Herbal Antioxidant. <i>Frontiers in Nutrition</i> , 2021, 8, 661455.	1.6	16
187	The failure of anxiolytic therapies in early clinical trials: what needs to be done. <i>Expert Opinion on Investigational Drugs</i> , 2015, 24, 543-556.	1.9	15
188	Vitamin D and cognition in older adults: international consensus guidelines. <i>Psychologie & Neuropsychiatrie Du Vieillissement</i> , 2016, 14, 265-273.	0.2	15
189	Building neurophenomics in zebrafish: Effects of prior testing stress and test batteries. <i>Behavioural Brain Research</i> , 2016, 311, 24-30.	1.2	15
190	Effects of lidocaine on adult zebrafish behavior and brain acetylcholinesterase following peripheral and systemic administration. <i>Neuroscience Letters</i> , 2019, 692, 181-186.	1.0	15
191	Skin too thin? The developing utility of zebrafish skin (neuro)pharmacology for CNS drug discovery research. <i>Brain Research Bulletin</i> , 2013, 98, 145-154.	1.4	14
192	Mouse Models for Studying Depression-Like States and Antidepressant Drugs. <i>Methods in Molecular Biology</i> , 2016, 1438, 255-269.	0.4	14
193	Better lab animal models for translational neuroscience research and CNS drug development. <i>Lab Animal</i> , 2017, 46, 91-92.	0.2	14
194	Anxiolytic-like effects of noribogaine in zebrafish. <i>Behavioural Brain Research</i> , 2017, 330, 63-67.	1.2	14
195	Effects of a non-competitive N-methyl-d-aspartate (NMDA) antagonist, tiletamine, in adult zebrafish. <i>Neurotoxicology and Teratology</i> , 2017, 59, 62-67.	1.2	14
196	Effects of ZnSO ₄ -induced peripheral anosmia on zebrafish behavior and physiology. <i>Behavioural Brain Research</i> , 2017, 320, 275-281.	1.2	14
197	Naloxone prolongs abdominal constriction writhing-like behavior in a zebrafish-based pain model. <i>Neuroscience Letters</i> , 2019, 708, 134336.	1.0	14
198	Animal models of major depressive disorder and the implications for drug discovery and development. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 365-378.	2.5	14

#	ARTICLE	IF	CITATIONS
199	DARK Classics in Chemical Neuroscience: Kava. ACS Chemical Neuroscience, 2020, 11, 3893-3904.	1.7	14
200	Artificial intelligence-driven phenotyping of zebrafish psychoactive drug responses. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2022, 112, 110405.	2.5	14
201	Deconstructing Adult Zebrafish Behavior with Swim Trace Visualizations. Neuromethods, 2011, , 191-201.	0.2	14
202	Integrating cross-scale analysis in the spatial and temporal domains for classification of behavioral movement. Journal of Spatial Information Science, 2014, , .	1.1	14
203	Behavioural characterization in rats using the elevated alley Suok test. Behavioural Brain Research, 2005, 165, 52-57.	1.2	13
204	Potential translational targets revealed by linking mouse grooming behavioral phenotypes to gene expression using public databases. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 40, 312-325.	2.5	13
205	Metabolic, Molecular, and Behavioral Effects of Western Diet in Serotonin Transporter-Deficient Mice: Rescue by Heterozygosity?. Frontiers in Neuroscience, 2020, 14, 24.	1.4	13
206	Experimental models for anxiolytic drug discovery in the era of omics. Expert Opinion on Drug Discovery, 2011, 6, 755-769.	2.5	12
207	Understanding antidepressant discontinuation syndrome (ADS) through preclinical experimental models. European Journal of Pharmacology, 2018, 829, 129-140.	1.7	12
208	Understanding neurobehavioral genetics of zebrafish. Journal of Neurogenetics, 2020, 34, 203-215.	0.6	12
209	Studying CNS effects of Traditional Chinese Medicine using zebrafish models. Journal of Ethnopharmacology, 2021, 267, 113383.	2.0	12
210	Sex differences shape zebrafish performance in a battery of anxiety tests and in response to acute scopolamine treatment. Neuroscience Letters, 2021, 759, 135993.	1.0	12
211	Marine fungal metabolite butyrolactone I prevents cognitive deficits by relieving inflammation and intestinal microbiota imbalance on aluminum trichloride-injured zebrafish. Journal of Neuroinflammation, 2022, 19, 39.	3.1	12
212	High-throughput screening of stem cell therapy for globoid cell leukodystrophy using automated neurophenotyping of twitcher mice. Behavioural Brain Research, 2013, 236, 35-47.	1.2	11
213	Perspectives on zebrafish neurobehavioral pharmacology. Pharmacology Biochemistry and Behavior, 2015, 139, 93.	1.3	11
214	When fish take a bath: Psychopharmacological characterization of the effects of a synthetic cathinone bath salt "flakka"™ on adult zebrafish. Neurotoxicology and Teratology, 2019, 73, 15-21.	1.2	11
215	Enhanced conditioning of adverse memories in the mouse modified swim test is associated with neuroinflammatory changes " Effects that are susceptible to antidepressants. Neurobiology of Learning and Memory, 2020, 172, 107227.	1.0	11
216	Color as an important biological variable in zebrafish models: Implications for translational neurobehavioral research. Neuroscience and Biobehavioral Reviews, 2021, 124, 1-15.	2.9	11

#	ARTICLE	IF	CITATIONS
217	Melatonin treatment reverses cognitive and endocrine deficits evoked by a 24-h light exposure in adult zebrafish. <i>Neuroscience Letters</i> , 2020, 733, 135073.	1.0	11
218	Behavioral neuroscience, exploration, and K.C. Montgomery's legacy. <i>Brain Research Reviews</i> , 2007, 53, 328-331.	9.1	10
219	Assessing Startle Responses and Their Habituation in Adult Zebrafish. <i>Neuromethods</i> , 2012, , 287-300.	0.2	10
220	Corrigendum to "Alterations in grooming activity and syntax in heterozygous SERT and BDNF knockout mice: The utility of behavior-recognition tools to characterize mutant mouse phenotypes". <i>Brain Research Bulletin</i> , 2015, 119, 101-103.	1.4	10
221	Experimental Models of Anxiety for Drug Discovery and Brain Research. <i>Methods in Molecular Biology</i> , 2016, 1438, 271-291.	0.4	10
222	Molecular and behavioural abnormalities in the FUS ^{tg} mice mimic frontotemporal lobar degeneration: Effects of old and new anti-inflammatory therapies. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 10251-10257.	1.6	10
223	Of mice and zebrafish: the impact of the experimenter identity on animal behavior. <i>Lab Animal</i> , 2021, 50, 7-7.	0.2	10
224	Altered behaviour, dopamine and norepinephrine regulation in stressed mice heterozygous in TPH2 gene. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 108, 110155.	2.5	10
225	Auditory environmental enrichment prevents anxiety-like behavior, but not cortisol responses, evoked by 24-h social isolation in zebrafish. <i>Behavioural Brain Research</i> , 2021, 404, 113169.	1.2	10
226	Intraperitoneal Injection as a Method of Psychotropic Drug Delivery in Adult Zebrafish. <i>Neuromethods</i> , 2011, , 169-179.	0.2	10
227	MPTP-Treated Zebrafish Recapitulate "Late-Stage" Parkinson's-like Cognitive Decline. <i>Toxics</i> , 2022, 10, 69.	1.6	10
228	Novel experimental models and paradigms for neuropsychiatric disorders: Editorial. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1355-1356.	2.5	9
229	Assessing Habituation Phenotypes in Adult Zebrafish: Intra- and Inter-Trial Habituation in the Novel Tank Test. <i>Neuromethods</i> , 2012, , 273-285.	0.2	9
230	Testing anxiolytic drugs in the C57BL/6J mouse strain. <i>Journal of Pharmacological and Toxicological Methods</i> , 2014, 69, 205-207.	0.3	9
231	Astrocyte-Conditioned Medium Protects Prefrontal Cortical Neurons from Glutamate-Induced Cell Death by Inhibiting TNF- α Expression. <i>NeuroImmunoModulation</i> , 2019, 26, 33-42.	0.9	9
232	Cross-species Analyses of Intra-species Behavioral Differences in Mammals and Fish. <i>Neuroscience</i> , 2020, 429, 33-45.	1.1	9
233	Decoding the role of zebrafish neuroglia in CNS disease modeling. <i>Brain Research Bulletin</i> , 2021, 166, 44-53.	1.4	9
234	The Use of Zebrafish as a Non-traditional Model Organism in Translational Pain Research: The Knowns and the Unknowns. <i>Current Neuropharmacology</i> , 2022, 20, 476-493.	1.4	9

#	ARTICLE	IF	CITATIONS
235	Modulation of behavioral and neurochemical responses of adult zebrafish by fluoxetine, eicosapentaenoic acid and lipopolysaccharide in the prolonged chronic unpredictable stress model. <i>Scientific Reports</i> , 2021, 11, 14289.	1.6	9
236	10th Jubilee Multidisciplinary International Conference of Neuroscience and Biological Psychiatry "Stress and Behavior": <i>Neural Plasticity</i> , 2007, 2007, 1-2.	1.0	8
237	Assessing Epilepsy-Related Behavioral Phenotypes in Adult Zebrafish. <i>Neuromethods</i> , 2012, , 313-322.	0.2	8
238	Controlled substances and innovation of biomedicine: a preclinical perspective. <i>Nature Reviews Neuroscience</i> , 2013, 14, 877-877.	4.9	8
239	Pharmacological screening of a new alpha-2 adrenergic receptor agonist, mafedine, in zebrafish. <i>Neuroscience Letters</i> , 2019, 701, 234-239.	1.0	8
240	Zebrafish models of impulsivity and impulse control disorders. <i>European Journal of Neuroscience</i> , 2020, 52, 4233-4248.	1.2	8
241	An ethological analysis of barbering behavior. , 0, , 184-225.		7
242	Domain interplay in mice and men: New possibilities for the "natural kinds" theory of emotion. <i>New Ideas in Psychology</i> , 2011, 29, 49-56.	1.2	7
243	Commentary: Ethological Evaluation of the Effects of Social Defeat Stress in Mice: Beyond the Social Interaction Ratio. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 155.	1.0	7
244	A new method for vibration-based neurophenotyping of zebrafish. <i>Journal of Neuroscience Methods</i> , 2020, 333, 108563.	1.3	7
245	Unconventional anxiety pharmacology in zebrafish: Drugs beyond traditional anxiogenic and anxiolytic spectra. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 207, 173205.	1.3	7
246	The serotonin transporter knock-out rat: a review. , 2010, , 170-213.		6
247	Wistar-Zagreb 5HT rats: a rodent model with constitutional upregulation/downregulation of serotonin transporter. , 2010, , 214-243.		6
248	Commentary: Establishing zebrafish as a model to study the anxiolytic effects of scopolamine. <i>Frontiers in Pharmacology</i> , 2018, 9, 293.	1.6	6
249	CNS genomic profiling in the mouse chronic social stress model implicates a novel category of candidate genes integrating affective pathogenesis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 105, 110086.	2.5	6
250	On the value of zebrafish outbred strains in neurobehavioral research. <i>Lab Animal</i> , 2021, , .	0.2	6
251	Psychopharmacological characterization of an emerging drug of abuse, a synthetic opioid U-47700, in adult zebrafish. <i>Brain Research Bulletin</i> , 2021, 167, 48-55.	1.4	5
252	Genetic Animal Models of Depression. <i>Neuromethods</i> , 2010, , 191-200.	0.2	5

#	ARTICLE	IF	CITATIONS
253	Brain-Derived Neurotrophic Factor, Serotonin Transporter, and Depression: Comment on Kaufman et al. <i>Biological Psychiatry</i> , 2007, 61, 1112-1113.	0.7	4
254	Pro-social and anxiolytic-like behavior following a single 24-h exposure to 17 β -estradiol in adult male zebrafish. <i>Neuroscience Letters</i> , 2021, 747, 135591.	1.0	4
255	Putative anxiolytic-like behavioral effects of acute paracetamol in adult zebrafish. <i>Behavioural Brain Research</i> , 2021, 409, 113293.	1.2	4
256	Predation Stress Causes Excessive Aggression in Female Mice with Partial Genetic Inactivation of Tryptophan Hydroxylase-2: Evidence for Altered Myelination-Related Processes. <i>Cells</i> , 2022, 11, 1036.	1.8	4
257	Acute behavioral and Neurochemical Effects of Novel <i>N</i> -Benzyl-2-Phenylethylamine Derivatives in Adult Zebrafish. <i>ACS Chemical Neuroscience</i> , 2022, 13, 1902-1922.	1.7	4
258	Self-grooming as a form of olfactory communication in meadow voles and prairie voles (<i>Microtus</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>		
259	The role of serotonin transporter in modeling psychiatric disorders: focus on depression, emotion regulation, and the social brain. , 2010, , 308-352.		3
260	Targeting drug sensitivity predictors: New potential strategies to improve pharmacotherapy of human brain disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 63, 76-82.	2.5	3
261	Illustrated Zebrafish Neurobehavioral Glossary. , 2017, , 291-317.		3
262	The role of auditory and vibration stimuli in zebrafish neurobehavioral models. <i>Behavioural Processes</i> , 2021, 193, 104505.	0.5	3
263	Developing zebrafish models of depression?: Effects of reserpine on zebrafish behavior and physiology. <i>FASEB Journal</i> , 2012, 26, 1045.12.	0.2	3
264	Understanding sex differences in zebrafish pain- and fear-related behaviors. <i>Neuroscience Letters</i> , 2022, 772, 136412.	1.0	3
265	Towards Modeling Anhedonia and Its Treatment in Zebrafish. <i>International Journal of Neuropsychopharmacology</i> , 2022, 25, 293-306.	1.0	3
266	Phenotyping and genetics of rodent grooming and barbering: utility for experimental neuroscience research. , 2010, , 46-65.		2
267	SERT models of emotional dysregulation. , 2010, , 105-134.		2
268	Primate models in serotonin transporter research. , 0, , 288-307.		2
269	Understanding the genetic architectonics of complex CNS traits: Lost by the association, but found in the interaction?. <i>Journal of Psychopharmacology</i> , 2015, 29, 872-877.	2.0	2
270	Exploring CNS effects of American traditional medicines using zebrafish models. <i>Current Neuropharmacology</i> , 2021, 19, .	1.4	2

#	ARTICLE	IF	CITATIONS
271	Assessing the Maximum Predictive Validity for Neuropharmacological Anxiety Screening Assays Using Zebrafish. <i>Neuromethods</i> , 2011, , 181-190.	0.2	2
272	Presynaptic adaptive responses to constitutive versus adult pharmacologic inhibition of serotonin uptake. , 2010, , 1-42.		1
273	Cellular and molecular alterations in animal models of serotonin transporter disruption: a comparison between developmental and adult stages. , 2010, , 43-77.		1
274	Behavioral phenotyping of mouse grooming and barbering. , 2013, , 195-204.		1
275	Commentary: Supplier-dependent differences in intermittent voluntary alcohol intake and response to naltrexone in Wistar rats. <i>Frontiers in Neuroscience</i> , 2016, 10, 82.	1.4	1
276	Behavioral Studies in Zebrafish. , 2020, , 24-24.		1
277	Motor patterns and swim path characteristics: the ethogram of zebrafish. , 2020, , 125-140.		1
278	Zebrafish Models for Stress Research. , 2021, , 263-268.		1
279	Developing translational biological psychiatry: Learning from history to build the future. <i>Biological Communications</i> , 2017, 62, 278-292.	0.4	1
280	Mutant and Transgenic Zebrafish in Modeling Neurobehavioral Disorders. <i>Neuromethods</i> , 2010, , 3-12.	0.2	1
281	The Zebrafish Neurophenome Database (ZND): a dynamic open-access resource for zebrafish neuroscience research. <i>FASEB Journal</i> , 2012, 26, 1042.10.	0.2	1
282	Nociception-related behavioral phenotypes in adult zebrafish. , 2022, , 387-393.		1
283	Understanding early-life pain and its effects on adult human and animal emotionality: Translational lessons from rodent and zebrafish models. <i>Neuroscience Letters</i> , 2021, 768, 136382.	1.0	1
284	Towards translational modeling of behavioral despair and its treatment in zebrafish. <i>Behavioural Brain Research</i> , 2022, , 113906.	1.2	1
285	Pharmacological characterization of a novel putative nootropic beta-alanine derivative, MB-005, in adult zebrafish. <i>Journal of Psychopharmacology</i> , 0, , 026988112210981.	2.0	1
286	Grooming, sequencing, and beyond: how it all began. , 0, , 1-18.		0
287	Grooming syntax as a sensitive measure of the effects of subchronic PCP treatment in rats. , 0, , 88-107.		0
288	Preface: Focus on the serotonin transporter. , 2010, , ix-xii.		0

#	ARTICLE	IF	CITATIONS
289	The role of the serotonin transporter in reward mechanisms. , 2010, , 244-269.		0
290	Developmental roles for the serotonin transporter. , 2010, , 78-104.		0
291	The serotonin transporter and animal models of depression. , 2010, , 135-169.		0
292	Modeling SERT ã— BDNF interactions in brain disorders: single BDNF gene allele exacerbates brain monoamine deficiencies and increases stress abnormalities in serotonin transporter knock-out mice. , 2010, , 270-287.		0
293	Utilizing the Zebrafish Neurophenome Project (ZNP) Database for Analyses of Complex Neurophenotypes in Zebrafish Models. Neuromethods, 2012, , 343-353.	0.2	0
294	Genetic Animal Models of Anxiety. Neuromethods, 2010, , 179-189.	0.2	0
295	The Utility of Genetically Modified Animals in Modeling OCD-Spectrum Disorders. Neuromethods, 2010, , 139-149.	0.2	0
296	Understanding zebrafish habituation responses to novelty. FASEB Journal, 2010, 24, 811.8.	0.2	0
297	The Effects of Chronic Social Defeat Stress on Mouse Grooming Behavior Patterning. FASEB Journal, 2010, 24, 811.3.	0.2	0
298	Cytokine profiling of chronic social defeat in mice. FASEB Journal, 2010, 24, 768.2.	0.2	0
299	Modeling Mouse Anxiety and Sensorimotor Integration: Neurobehavioral Phenotypes in the Suok Test. Neuromethods, 2011, , 61-81.	0.2	0
300	Effects of the hallucinogenic drugs mescaline, phencyclidine and psilocybin on zebrafish behavior and physiology. FASEB Journal, 2012, 26, 1043.3.	0.2	0
301	SERT and BDNF heterozygous knockout mice display alterations in grooming activity and syntax. FASEB Journal, 2012, 26, 1042.9.	0.2	0
302	Antidepressant Discontinuation Syndrome. , 2018, , .		0
303	The critical impact of sex on preclinical alcohol research - insights from zebrafish. Frontiers in Neuroendocrinology, 2022, , 101014.	2.5	0