

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	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
2	Artificial intelligence-driven phenotyping of zebrafish psychoactive drug responses. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 112, 110405.	2.5	14
3	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
4	Nociception-related behavioral phenotypes in adult zebrafish. , 2022, , 387-393.		1
5	Understanding sex differences in zebrafish pain- and fear-related behaviors. <i>Neuroscience Letters</i> , 2022, 772, 136412.	1.0	3
6	MPTP-Treated Zebrafish Recapitulate "Late-Stage" Parkinson's-like Cognitive Decline. <i>Toxics</i> , 2022, 10, 691.	1.6	10
7	Marine fungal metabolite butyrolactone I prevents cognitive deficits by relieving inflammation and intestinal microbiota imbalance on aluminum trichloride-injured zebrafish. <i>Journal of Neuroinflammation</i> , 2022, 19, 39.	3.1	12
8	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
9	Towards Modeling Anhedonia and Its Treatment in Zebrafish. <i>International Journal of Neuropsychopharmacology</i> , 2022, 25, 293-306.	1.0	3
10	Towards translational modeling of behavioral despair and its treatment in zebrafish. <i>Behavioural Brain Research</i> , 2022, , 113906.	1.2	1
11	Modeling neurodegenerative disorders in zebrafish. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 138, 104679.	2.9	23
12	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
13	The critical impact of sex on preclinical alcohol research - insights from zebrafish. <i>Frontiers in Neuroendocrinology</i> , 2022, , 101014.	2.5	0
14	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
15	Understanding neurobehavioral effects of acute and chronic stress in zebrafish. <i>Stress</i> , 2021, 24, 1-18.	0.8	36
16	Studying CNS effects of Traditional Chinese Medicine using zebrafish models. <i>Journal of Ethnopharmacology</i> , 2021, 267, 113383.	2.0	12
17	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
18	Of mice and zebrafish: the impact of the experimenter identity on animal behavior. <i>Lab Animal</i> , 2021, 50, 7-7.	0.2	10

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19	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
20	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
21	Decoding the role of zebrafish neuroglia in CNS disease modeling. <i>Brain Research Bulletin</i> , 2021, 166, 44-53.	1.4	9
22	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
23	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
24	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
25	Color as an important biological variable in zebrafish models: Implications for translational neurobehavioral research. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 124, 1-15.	2.9	11
26	Putative anxiolytic-like behavioral effects of acute paracetamol in adult zebrafish. <i>Behavioural Brain Research</i> , 2021, 409, 113293.	1.2	4
27	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
28	Exploring CNS effects of American traditional medicines using zebrafish models. <i>Current Neuropharmacology</i> , 2021, 19, .	1.4	2
29	Unconventional anxiety pharmacology in zebrafish: Drugs beyond traditional anxiogenic and anxiolytic spectra. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 207, 173205.	1.3	7
30	Sex differences shape zebrafish performance in a battery of anxiety tests and in response to acute scopolamine treatment. <i>Neuroscience Letters</i> , 2021, 759, 135993.	1.0	12
31	The role of auditory and vibration stimuli in zebrafish neurobehavioral models. <i>Behavioural Processes</i> , 2021, 193, 104505.	0.5	3
32	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
33	Zebrafish Models for Stress Research. , 2021, , 263-268.		1
34	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
35	On the value of zebrafish outbred strains in neurobehavioral research. <i>Lab Animal</i> , 2021, , .	0.2	6
36	Sex differences in behavior and neuropharmacology of zebrafish. <i>European Journal of Neuroscience</i> , 2020, 52, 2586-2603.	1.2	49

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37	Zebrafish as a Model of Neurodevelopmental Disorders. <i>Neuroscience</i> , 2020, 445, 3-11.	1.1	53
38	Sex differences in adult zebrafish anxiolytic-like responses to diazepam and melatonin. <i>Neuroscience Letters</i> , 2020, 714, 134548.	1.0	42
39	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
40	Emotional behavior in aquatic organisms? Lessons from crayfish and zebrafish. <i>Journal of Neuroscience Research</i> , 2020, 98, 764-779.	1.3	21
41	Understanding neurobehavioral genetics of zebrafish. <i>Journal of Neurogenetics</i> , 2020, 34, 203-215.	0.6	12
42	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
43	A new method for vibration-based neurophenotyping of zebrafish. <i>Journal of Neuroscience Methods</i> , 2020, 333, 108563.	1.3	7
44	DARK Classics in Chemical Neuroscience: Kava. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3893-3904.	1.7	14
45	Prefrontal cortex inflammation and liver pathologies accompany cognitive and motor deficits following Western diet consumption in non-obese female mice. <i>Life Sciences</i> , 2020, 241, 117163.	2.0	30
46	Neuroâ€œCells 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
47	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
48	Molecular and behavioural abnormalities in the FUSâ€œtg mice mimic frontotemporal lobar degeneration: Effects of old and new antiâ€œinflammatory therapies. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 10251-10257.	1.6	10
49	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
50	Rapid prototyping of soft bioelectronic implants for use as neuromuscular interfaces. <i>Nature Biomedical Engineering</i> , 2020, 4, 1010-1022.	11.6	78
51	An acetylcholinesterase inhibitor, donepezil, increases anxiety and cortisol levels in adult zebrafish. <i>Journal of Psychopharmacology</i> , 2020, 34, 1449-1456.	2.0	19
52	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
53	Metabolic, Molecular, and Behavioral Effects of Western Diet in Serotonin Transporter-Deficient Mice: Rescue by Heterozygosity?. <i>Frontiers in Neuroscience</i> , 2020, 14, 24.	1.4	13
54	Zebrafish models of impulsivity and impulse control disorders. <i>European Journal of Neuroscience</i> , 2020, 52, 4233-4248.	1.2	8

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55	Behavioral Studies in Zebrafish. , 2020, , 24-24.		1
56	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
57	Cross-species Analyses of Intra-species Behavioral Differences in Mammals and Fish. Neuroscience, 2020, 429, 33-45.	1.1	9
58	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. Behavioural Brain Research, 2020, 389, 112644.	1.2	18
59	The impact of housing environment color on zebrafish anxiety-like behavioral and physiological (cortisol) responses. General and Comparative Endocrinology, 2020, 294, 113499.	0.8	19
60	Non-pharmacological and pharmacological approaches for psychiatric disorders: Re-appraisal and insights from zebrafish models. Pharmacology Biochemistry and Behavior, 2020, 193, 172928.	1.3	16
61	Enhanced conditioning of adverse memories in the mouse modified swim test is associated with neuroinflammatory changes â€œ Effects that are susceptible to antidepressants. Neurobiology of Learning and Memory, 2020, 172, 107227.	1.0	11
62	Behavioral and physiological effects of acute and chronic kava exposure in adult zebrafish. Neurotoxicology and Teratology, 2020, 79, 106881.	1.2	24
63	Motor patterns and swim path characteristics: the ethogram of zebrafish. , 2020, , 125-140.		1
64	Melatonin treatment reverses cognitive and endocrine deficits evoked by a 24-h light exposure in adult zebrafish. Neuroscience Letters, 2020, 733, 135073.	1.0	11
65	Developing zebrafish experimental animal models relevant to schizophrenia. Neuroscience and Biobehavioral Reviews, 2019, 105, 126-133.	2.9	19
66	Naloxone prolongs abdominal constriction writhing-like behavior in a zebrafish-based pain model. Neuroscience Letters, 2019, 708, 134336.	1.0	14
67	DARK Classics in Chemical Neuroscience: Arecoline. ACS Chemical Neuroscience, 2019, 10, 2176-2185.	1.7	52
68	Astrocyte-Conditioned Medium Protects Prefrontal Cortical Neurons from Glutamate-Induced Cell Death by Inhibiting TNF- α Expression. NeurolImmunoModulation, 2019, 26, 33-42.	0.9	9
69	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. Behavioural Brain Research, 2019, 363, 109-117.	1.2	47
70	Opioid Neurobiology, Neurogenetics and Neuropharmacology in Zebrafish. Neuroscience, 2019, 404, 218-232.	1.1	36
71	Neuropharmacology, pharmacogenetics and pharmacogenomics of aggression: The zebrafish model. Pharmacological Research, 2019, 141, 602-608.	3.1	33
72	Modeling gut-brain interactions in zebrafish. Brain Research Bulletin, 2019, 148, 55-62.	1.4	22

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73	When fish take a bath: Psychopharmacological characterization of the effects of a synthetic cathinone bath salt "flakka"™ on adult zebrafish. <i>Neurotoxicology and Teratology</i> , 2019, 73, 15-21.	1.2	11
74	Abnormal repetitive behaviors in zebrafish and their relevance to human brain disorders. <i>Behavioural Brain Research</i> , 2019, 367, 101-110.	1.2	18
75	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
76	The role of intraspecies variation in fish neurobehavioral and neuropharmacological phenotypes in aquatic models. <i>Aquatic Toxicology</i> , 2019, 210, 44-55.	1.9	27
77	Pharmacological screening of a new alpha-2 adrenergic receptor agonist, mafedine, in zebrafish. <i>Neuroscience Letters</i> , 2019, 701, 234-239.	1.0	8
78	Zebrafish models for attention deficit hyperactivity disorder (ADHD). <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 100, 9-18.	2.9	35
79	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
80	DARK Classics in Chemical Neuroscience: Atropine, Scopolamine, and Other Anticholinergic Deliriant Hallucinogens. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2144-2159.	1.7	47
81	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
82	Legal aspects of zebrafish neuropharmacology and neurotoxicology research. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 101, 65-70.	1.3	19
83	Understanding zebrafish aggressive behavior. <i>Behavioural Processes</i> , 2019, 158, 200-210.	0.5	56
84	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
85	Zebrafish models of diabetes-related CNS pathogenesis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 92, 48-58.	2.5	18
86	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
87	Acute behavioral effects of deliriant hallucinogens atropine and scopolamine in adult zebrafish. <i>Behavioural Brain Research</i> , 2019, 359, 274-280.	1.2	26
88	DARK Classics in Chemical Neuroscience: Î±-Pyrrolidinovalerophenone ("Flakka"). <i>ACS Chemical Neuroscience</i> , 2019, 10, 168-174.	1.7	16
89	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
90	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

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91	Understanding Central Nervous System Effects of Deliriant Hallucinogenic Drugs through Experimental Animal Models. ACS Chemical Neuroscience, 2019, 10, 143-154.	1.7	19
92	Psychoneuroimmunology and immunopsychiatry of zebrafish. Psychoneuroendocrinology, 2018, 92, 1-12.	1.3	20
93	Understanding antidepressant discontinuation syndrome (ADS) through preclinical experimental models. European Journal of Pharmacology, 2018, 829, 129-140.	1.7	12
94	Interplay between the key proteins of serotonin system in SSRI antidepressants efficacy. Expert Opinion on Therapeutic Targets, 2018, 22, 319-330.	1.5	32
95	Zebrafish models relevant to studying central opioid and endocannabinoid systems. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 86, 301-312.	2.5	48
96	Zebrafish models of autism spectrum disorder. Experimental Neurology, 2018, 299, 207-216.	2.0	103
97	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. European Journal of Nutrition, 2018, 57, 1781-1791.	1.8	62
98	The developing utility of zebrafish models of neurological and neuropsychiatric disorders: A critical review. Experimental Neurology, 2018, 299, 157-171.	2.0	188
99	Modeling consequences of prolonged strong unpredictable stress in zebrafish: Complex effects on behavior and physiology. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 81, 384-394.	2.5	77
100	The effects of auditory enrichment on zebrafish behavior and physiology. PeerJ, 2018, 6, e5162.	0.9	34
101	Zebrafish models of epigenetic regulation of CNS functions. Brain Research Bulletin, 2018, 142, 344-351.	1.4	23
102	Commentary: Establishing zebrafish as a model to study the anxiolytic effects of scopolamine. Frontiers in Pharmacology, 2018, 9, 293.	1.6	6
103	Zebrafish models: do we have valid paradigms for depression?. Journal of Pharmacological and Toxicological Methods, 2018, 94, 16-22.	0.3	34
104	The Effects of Chronic Amitriptyline on Zebrafish Behavior and Monoamine Neurochemistry. Neurochemical Research, 2018, 43, 1191-1199.	1.6	38
105	Understanding the Role of Environmental Enrichment in Zebrafish Neurobehavioral Models. Zebrafish, 2018, 15, 425-432.	0.5	19
106	Antidepressant Discontinuation Syndrome. , 2018, , .		0
107	Zebrafish models in neuropsychopharmacology and CNS drug discovery. British Journal of Pharmacology, 2017, 174, 1925-1944.	2.7	137
108	Psychosocial stress on neuroinflammation and cognitive dysfunctions in Alzheimer's disease: the emerging role for microglia?. Neuroscience and Biobehavioral Reviews, 2017, 77, 148-164.	2.9	101

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109	The rights and wrongs of zebrafish: Behavioral phenotyping of zebrafish. , 2017, , .		23
110	Illustrated Zebrafish Neurobehavioral Glossary. , 2017, , 291-317.		3
111	Zebrafish Models of Anxiety-Like Behaviors. , 2017, , 45-72.		21
112	Better lab animal models for translational neuroscience research and CNS drug development. Lab Animal, 2017, 46, 91-92.	0.2	14
113	Anxiolytic-like effects of noribogaine in zebrafish. Behavioural Brain Research, 2017, 330, 63-67.	1.2	14
114	Comparative Analyses of Zebrafish Anxiety-Like Behavior Using Conflict-Based Novelty Tests. Zebrafish, 2017, 14, 197-208.	0.5	169
115	Acute effects of amitriptyline on adult zebrafish: Potential relevance to antidepressant drug screening and modeling human toxidromes. Neurotoxicology and Teratology, 2017, 62, 27-33.	1.2	46
116	Understanding zebrafish cognition. Behavioural Processes, 2017, 141, 229-241.	0.5	40
117	N -methyl- d -aspartate receptor-mediated calcium overload and endoplasmic reticulum stress are involved in interleukin-1beta-induced neuronal apoptosis in rat hippocampus. Journal of Neuroimmunology, 2017, 307, 7-13.	1.1	40
118	Effects of a non-competitive N-methyl-d-aspartate (NMDA) antagonist, tiletamine, in adult zebrafish. Neurotoxicology and Teratology, 2017, 59, 62-67.	1.2	14
119	Effects of ZnSO4-induced peripheral anosmia on zebrafish behavior and physiology. Behavioural Brain Research, 2017, 320, 275-281.	1.2	14
120	Psychedelic Drugs in Biomedicine. Trends in Pharmacological Sciences, 2017, 38, 992-1005.	4.0	113
121	Understanding taurine CNS activity using alternative zebrafish models. Neuroscience and Biobehavioral Reviews, 2017, 83, 525-539.	2.9	16
122	Animal inflammation-based models of depression and their application to drug discovery. Expert Opinion on Drug Discovery, 2017, 12, 995-1009.	2.5	57
123	Adult zebrafish in CNS disease modeling: a tank that's half-full, not half-empty, and still filling. Lab Animal, 2017, 46, 378-387.	0.2	49
124	Developing translational biological psychiatry: Learning from history to build the future. Biological Communications, 2017, 62, 278-292.	0.4	1
125	Commentary: Ethological Evaluation of the Effects of Social Defeat Stress in Mice: Beyond the Social Interaction Ratio. Frontiers in Behavioral Neuroscience, 2016, 10, 155.	1.0	7
126	Commentary: Supplier-dependent differences in intermittent voluntary alcohol intake and response to naltrexone in Wistar rats. Frontiers in Neuroscience, 2016, 10, 82.	1.4	1

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127	Vitamin D and cognition in older adults: international consensus guidelines. <i>Psychologie & Neuropsychiatrie Du Vieillissement</i> , 2016, 14, 265-273.	0.2	15
128	Understanding autism and other neurodevelopmental disorders through experimental translational neurobehavioral models. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 65, 292-312.	2.9	63
129	Building neurophenomics in zebrafish: Effects of prior testing stress and test batteries. <i>Behavioural Brain Research</i> , 2016, 311, 24-30.	1.2	15
130	Mouse Models for Studying Depression-Like States and Antidepressant Drugs. <i>Methods in Molecular Biology</i> , 2016, 1438, 255-269.	0.4	14
131	Experimental Models of Anxiety for Drug Discovery and Brain Research. <i>Methods in Molecular Biology</i> , 2016, 1438, 271-291.	0.4	10
132	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
133	'Stressing' rodent self-grooming for neuroscience research. <i>Nature Reviews Neuroscience</i> , 2016, 17, 591-591.	4.9	38
134	The smell of "anxiety": Behavioral modulation by experimental anosmia in zebrafish. <i>Physiology and Behavior</i> , 2016, 157, 67-71.	1.0	29
135	Neurobiology of rodent self-grooming and its value for translational neuroscience. <i>Nature Reviews Neuroscience</i> , 2016, 17, 45-59.	4.9	558
136	Exploring Hallucinogen Pharmacology and Psychedelic Medicine with Zebrafish Models. <i>Zebrafish</i> , 2016, 13, 379-390.	0.5	23
137	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
138	Improving treatment of neurodevelopmental disorders: recommendations based on preclinical studies. <i>Expert Opinion on Drug Discovery</i> , 2016, 11, 11-25.	2.5	16
139	Effects of LSD on grooming behavior in serotonin transporter heterozygous (Sert) mice. <i>Behavioural Brain Research</i> , 2016, 296, 47-52.	1.2	23
140	Zebrafish neurobehavioral phenomics for aquatic neuropharmacology and toxicology research. <i>Aquatic Toxicology</i> , 2016, 170, 297-309.	1.9	106
141	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
142	Developing high-throughput zebrafish screens for in-vivo CNS drug discovery. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 14.	1.0	58
143	Perspectives on zebrafish neurobehavioral pharmacology. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 139, 93.	1.3	11
144	"Vitamin D and cognition in older adults": updated international recommendations. <i>Journal of Internal Medicine</i> , 2015, 277, 45-57.	2.7	130

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145	Anxiogenic-like effects of chronic nicotine exposure in zebrafish. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 139, 112-120.	1.3	38
146	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
147	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
148	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
149	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
150	Building Zebrafish Neurobehavioral Phenomics: Effects of Common Environmental Factors on Anxiety and Locomotor Activity. <i>Zebrafish</i> , 2015, 12, 339-348.	0.5	40
151	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
152	Modeling neuropsychiatric spectra to empower translational biological psychiatry. <i>Behavioural Brain Research</i> , 2015, 276, 1-7.	1.2	21
153	Developing better and more valid animal models of brain disorders. <i>Behavioural Brain Research</i> , 2015, 276, 28-31.	1.2	81
154	Molecular psychiatry of zebrafish. <i>Molecular Psychiatry</i> , 2015, 20, 2-17.	4.1	174
155	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
156	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
157	Zebrafish models for translational neuroscience research: from tank to bedside. <i>Trends in Neurosciences</i> , 2014, 37, 264-278.	4.2	533
158	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
159	Developing zebrafish models of autism spectrum disorder (ASD). <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 50, 27-36.	2.5	126
160	Zebrafish as an emerging model for studying complex brain disorders. <i>Trends in Pharmacological Sciences</i> , 2014, 35, 63-75.	4.0	827
161	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
162	Rethinking CNS disorders: time for new drug targets?. <i>Trends in Pharmacological Sciences</i> , 2014, 35, 491-492.	4.0	16

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163	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
164	Aquatic toxicology of fluoxetine: Understanding the knowns and the unknowns. <i>Aquatic Toxicology</i> , 2014, 156, 269-273.	1.9	44
165	Testing anxiolytic drugs in the C57BL/6J mouse strain. <i>Journal of Pharmacological and Toxicological Methods</i> , 2014, 69, 205-207.	0.3	9
166	Gaining translational momentum: More zebrafish models for neuroscience research. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 55, 1-6.	2.5	178
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