

Evan J Kyzar

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

4,662
citations

136885

32
h-index

138417

58
g-index

62
all docs

62
docs citations

62
times ranked

3970
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a Comprehensive Catalog of Zebrafish Behavior 1.0 and Beyond. <i>Zebrafish</i> , 2013, 10, 70-86.	0.5	795
2	Measuring behavioral and endocrine responses to novelty stress in adult zebrafish. <i>Nature Protocols</i> , 2010, 5, 1786-1799.	5.5	522
3	Modeling anxiety using adult zebrafish: A conceptual review. <i>Neuropharmacology</i> , 2012, 62, 135-143.	2.0	315
4	Three-Dimensional Neurophenotyping of Adult Zebrafish Behavior. <i>PLoS ONE</i> , 2011, 6, e17597.	1.1	244
5	Pharmacological modulation of anxiety-like phenotypes in adult zebrafish behavioral models. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1421-1431.	2.5	193
6	Automated high-throughput neurophenotyping of zebrafish social behavior. <i>Journal of Neuroscience Methods</i> , 2012, 210, 266-271.	1.3	144
7	Behavioral and physiological effects of acute ketamine exposure in adult zebrafish. <i>Neurotoxicology and Teratology</i> , 2011, 33, 658-667.	1.2	139
8	Zebrafish models to study drug abuse-related phenotypes. <i>Reviews in the Neurosciences</i> , 2011, 22, 95-105.	1.4	127
9	Psychedelic Drugs in Biomedicine. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 992-1005.	4.0	113
10	Epigenetic basis of the dark side of alcohol addiction. <i>Neuropharmacology</i> , 2017, 122, 74-84.	2.0	108
11	Zebrafish neurobehavioral phenomics for aquatic neuropharmacology and toxicology research. <i>Aquatic Toxicology</i> , 2016, 170, 297-309.	1.9	106
12	Understanding spatio-temporal strategies of adult zebrafish exploration in the open field test. <i>Brain Research</i> , 2012, 1451, 44-52.	1.1	103
13	Zebrafish models of autism spectrum disorder. <i>Experimental Neurology</i> , 2018, 299, 207-216.	2.0	103
14	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
15	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
16	Perspectives of zebrafish models of epilepsy: What, how and where next?. <i>Brain Research Bulletin</i> , 2012, 87, 135-143.	1.4	90
17	Adolescent alcohol exposure alters lysine demethylase 1 (LSD1) expression and histone methylation in the amygdala during adulthood. <i>Addiction Biology</i> , 2017, 22, 1191-1204.	1.4	84
18	Decoding the contribution of dopaminergic genes and pathways to autism spectrum disorder (ASD). <i>Neurochemistry International</i> , 2014, 66, 15-26.	1.9	77

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19	Adolescent Alcohol Exposure: Burden of Epigenetic Reprogramming, Synaptic Remodeling, and Adult Psychopathology. <i>Frontiers in Neuroscience</i> , 2016, 10, 222.	1.4	73
20	The lncRNA BDNF-AS is an epigenetic regulator in the human amygdala in early onset alcohol use disorders. <i>Translational Psychiatry</i> , 2019, 9, 34.	2.4	73
21	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
22	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
23	Understanding autism and other neurodevelopmental disorders through experimental translational neurobehavioral models. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 65, 292-312.	2.9	63
24	Adolescent Alcohol Exposure Epigenetically Suppresses Amygdala Arc Enhancer RNA Expression to Confer Adult Anxiety Susceptibility. <i>Biological Psychiatry</i> , 2019, 85, 904-914.	0.7	62
25	Molecular mechanisms of synaptic remodeling in alcoholism. <i>Neuroscience Letters</i> , 2015, 601, 11-19.	1.0	61
26	Time to recognize zebrafish "affective" behavior. <i>Behaviour</i> , 2012, 149, 1019-1036.	0.4	59
27	Altered amygdala DNA methylation mechanisms after adolescent alcohol exposure contribute to adult anxiety and alcohol drinking. <i>Neuropharmacology</i> , 2019, 157, 107679.	2.0	56
28	Behavioral effects of MDMA ("ecstasy") on adult zebrafish. <i>Behavioural Pharmacology</i> , 2011, 22, 275-280.	0.8	55
29	Assessing Social Behavior Phenotypes in Adult Zebrafish: Shoaling, Social Preference, and Mirror Biting Tests. <i>NeuroMethods</i> , 2012, , 231-246.	0.2	46
30	Adolescent Alcohol Exposure-Induced Changes in Alpha-Melanocyte Stimulating Hormone and Neuropeptide Y Pathways via Histone Acetylation in the Brain During Adulthood. <i>International Journal of Neuropsychopharmacology</i> , 2017, 20, 758-768.	1.0	44
31	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
32	Constructing the habitome for phenotype-driven zebrafish research. <i>Behavioural Brain Research</i> , 2013, 236, 110-117.	1.2	41
33	Anxiety, depression, insomnia, and trauma-related symptoms following COVID-19 infection at long-term follow-up. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 16, 100315.	1.3	32
34	Targeted epigenomic editing ameliorates adult anxiety and excessive drinking after adolescent alcohol exposure. <i>Science Advances</i> , 2022, 8, eabn2748.	4.7	30
35	Towards high-throughput phenotyping of complex patterned behaviors in rodents: Focus on mouse self-grooming and its sequencing. <i>Behavioural Brain Research</i> , 2011, 225, 426-431.	1.2	27
36	Exploring Hallucinogen Pharmacology and Psychedelic Medicine with Zebrafish Models. <i>Zebrafish</i> , 2016, 13, 379-390.	0.5	23

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37	Effects of LSD on grooming behavior in serotonin transporter heterozygous (Sert) mice. Behavioural Brain Research, 2016, 296, 47-52.	1.2	23
38	MicroRNA-137 Drives Epigenetic Reprogramming in the Adult Amygdala and Behavioral Changes after Adolescent Alcohol Exposure. ENeuro, 2019, 6, ENEURO.0401-19.2019.	0.9	23
39	Alterations in grooming activity and syntax in heterozygous SERT and BDNF knockout mice: The utility of behavior-recognition tools to characterize mutant mouse phenotypes. Brain Research Bulletin, 2012, 89, 168-176.	1.4	21
40	Adolescent alcohol exposure epigenetically regulates CREB signaling in the adult amygdala. Scientific Reports, 2018, 8, 10376.	1.6	20
41	Understanding Central Nervous System Effects of Deliriant Hallucinogenic Drugs through Experimental Animal Models. ACS Chemical Neuroscience, 2019, 10, 143-154.	1.7	19
42	The Zebrafish Neurophenome Database (ZND): A Dynamic Open-Access Resource for Zebrafish Neurophenotypic Data. Zebrafish, 2012, 9, 8-14.	0.5	16
43	Improving treatment of neurodevelopmental disorders: recommendations based on preclinical studies. Expert Opinion on Drug Discovery, 2016, 11, 11-25.	2.5	16
44	Building neurophenomics in zebrafish: Effects of prior testing stress and test batteries. Behavioural Brain Research, 2016, 311, 24-30.	1.2	15
45	Current and Future Perspectives of Noncoding RNAs in Brain Function and Neuropsychiatric Disease. Biological Psychiatry, 2022, 91, 183-193.	0.7	15
46	Disruption of innate defense responses by endoglycosidase HPSE promotes cell survival. JCI Insight, 2021, 6, .	2.3	14
47	Deconstructing Adult Zebrafish Behavior with Swim Trace Visualizations. Neuromethods, 2011, , 191-201.	0.2	14
48	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
49	Experimental models for anxiolytic drug discovery in the era of omesandomics. Expert Opinion on Drug Discovery, 2011, 6, 755-769.	2.5	12
50	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
51	Assessing Startle Responses and Their Habituation in Adult Zebrafish. Neuromethods, 2012, , 287-300.	0.2	10
52	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" Brain Research Bulletin, 2015, 119, 101-103.	1.4	10
53	Assessing Habituation Phenotypes in Adult Zebrafish: Intra- and Inter-Trial Habituation in the Novel Tank Test. Neuromethods, 2012, , 273-285.	0.2	9
54	Assessing Epilepsy-Related Behavioral Phenotypes in Adult Zebrafish. Neuromethods, 2012, , 313-322.	0.2	8

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55	Targeted Epigenetic Modulation of Gene Expression in the Brain. <i>Journal of Neuroscience</i> , 2016, 36, 9283-9285.	1.7	4
56	Developing zebrafish models of depression?: Effects of reserpine on zebrafish behavior and physiology. <i>FASEB Journal</i> , 2012, 26, 1045.12.	0.2	3
57	Epigenetic regulation of enhancer RNAs in neuropsychiatric disease and addiction. <i>Epigenomics</i> , 2020, 12, 889-892.	1.0	2
58	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
59	Utilizing the Zebrafish Neurophenome Project (ZNP) Database for Analyses of Complex Neurophenotypes in Zebrafish Models. <i>Neuromethods</i> , 2012, , 343-353.	0.2	0
60	Modeling Mouse Anxiety and Sensorimotor Integration: Neurobehavioral Phenotypes in the Suok Test. <i>Neuromethods</i> , 2011, , 61-81.	0.2	0
61	Effects of the hallucinogenic drugs mescaline, phencyclidine and psilocybin on zebrafish behavior and physiology. <i>FASEB Journal</i> , 2012, 26, 1043.3.	0.2	0
62	SERT and BDNF heterozygous knockout mice display alterations in grooming activity and syntax. <i>FASEB Journal</i> , 2012, 26, 1042.9.	0.2	0