

Evan J Kyzar

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

4,662
citations

136740

32
h-index

138251

58
g-index

62
all docs

62
docs citations

62
times ranked

3970
citing authors

#	ARTICLE	IF	CITATIONS
1	Current and Future Perspectives of Noncoding RNAs in Brain Function and Neuropsychiatric Disease. <i>Biological Psychiatry</i> , 2022, 91, 183-193.	0.7	15
2	Targeted epigenomic editing ameliorates adult anxiety and excessive drinking after adolescent alcohol exposure. <i>Science Advances</i> , 2022, 8, eabn2748.	4.7	30
3	Disruption of innate defense responses by endoglycosidase HPSE promotes cell survival. <i>JCI Insight</i> , 2021, 6, .	2.3	14
4	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
5	Epigenetic regulation of enhancer RNAs in neuropsychiatric disease and addiction. <i>Epigenomics</i> , 2020, 12, 889-892.	1.0	2
6	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
7	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
8	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
9	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
10	MicroRNA-137 Drives Epigenetic Reprogramming in the Adult Amygdala and Behavioral Changes after Adolescent Alcohol Exposure. <i>ENeuro</i> , 2019, 6, ENEURO.0401-19.2019.	0.9	23
11	Zebrafish models of autism spectrum disorder. <i>Experimental Neurology</i> , 2018, 299, 207-216.	2.0	103
12	Adolescent alcohol exposure epigenetically regulates CREB signaling in the adult amygdala. <i>Scientific Reports</i> , 2018, 8, 10376.	1.6	20
13	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
14	Epigenetic basis of the dark side of alcohol addiction. <i>Neuropharmacology</i> , 2017, 122, 74-84.	2.0	108
15	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
16	Psychedelic Drugs in Biomedicine. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 992-1005.	4.0	113
17	Adolescent Alcohol Exposure: Burden of Epigenetic Reprogramming, Synaptic Remodeling, and Adult Psychopathology. <i>Frontiers in Neuroscience</i> , 2016, 10, 222.	1.4	73
18	Understanding autism and other neurodevelopmental disorders through experimental translational neurobehavioral models. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 65, 292-312.	2.9	63

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19	Building neurophenomics in zebrafish: Effects of prior testing stress and test batteries. Behavioural Brain Research, 2016, 311, 24-30.	1.2	15
20	Genetic and environmental modulation of neurodevelopmental disorders: Translational insights from labs to beds. Brain Research Bulletin, 2016, 125, 79-91.	1.4	43
21	Targeted Epigenetic Modulation of Gene Expression in the Brain. Journal of Neuroscience, 2016, 36, 9283-9285.	1.7	4
22	Exploring Hallucinogen Pharmacology and Psychedelic Medicine with Zebrafish Models. Zebrafish, 2016, 13, 379-390.	0.5	23
23	Improving treatment of neurodevelopmental disorders: recommendations based on preclinical studies. Expert Opinion on Drug Discovery, 2016, 11, 11-25.	2.5	16
24	Effects of LSD on grooming behavior in serotonin transporter heterozygous (Sert) mice. Behavioural Brain Research, 2016, 296, 47-52.	1.2	23
25	Zebrafish neurobehavioral phenomics for aquatic neuropharmacology and toxicology research. Aquatic Toxicology, 2016, 170, 297-309.	1.9	106
26	Molecular mechanisms of synaptic remodeling in alcoholism. Neuroscience Letters, 2015, 601, 11-19.	1.0	61
27	A novel 3D method of locomotor analysis in adult zebrafish: Implications for automated detection of CNS drug-evoked phenotypes. Journal of Neuroscience Methods, 2015, 255, 66-74.	1.3	71
28	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
29	Decoding the contribution of dopaminergic genes and pathways to autism spectrum disorder (ASD). Neurochemistry International, 2014, 66, 15-26.	1.9	77
30	Behavioral effects of bidirectional modulators of brain monoamines reserpine and d-amphetamine in zebrafish. Brain Research, 2013, 1527, 108-116.	1.1	69
31	Constructing the habituome for phenotype-driven zebrafish research. Behavioural Brain Research, 2013, 236, 110-117.	1.2	41
32	Unique and potent effects of acute ibogaine on zebrafish: The developing utility of novel aquatic models for hallucinogenic drug research. Behavioural Brain Research, 2013, 236, 258-269.	1.2	98
33	Towards a Comprehensive Catalog of Zebrafish Behavior 1.0 and Beyond. Zebrafish, 2013, 10, 70-86.	0.5	795
34	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
35	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
36	Time to recognize zebrafish "affective" behavior. Behaviour, 2012, 149, 1019-1036.	0.4	59

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37	Modeling anxiety using adult zebrafish: A conceptual review. <i>Neuropharmacology</i> , 2012, 62, 135-143.	2.0	315
38	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
39	Assessing Social Behavior Phenotypes in Adult Zebrafish: Shoaling, Social Preference, and Mirror Biting Tests. <i>NeuroMethods</i> , 2012, , 231-246.	0.2	46
40	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
41	Assessing Startle Responses and Their Habituation in Adult Zebrafish. <i>NeuroMethods</i> , 2012, , 287-300.	0.2	10
42	Assessing Epilepsy-Related Behavioral Phenotypes in Adult Zebrafish. <i>NeuroMethods</i> , 2012, , 313-322.	0.2	8
43	Utilizing the Zebrafish Neurophenome Project (ZNP) Database for Analyses of Complex Neurophenotypes in Zebrafish Models. <i>NeuroMethods</i> , 2012, , 343-353.	0.2	0
44	Automated high-throughput neurophenotyping of zebrafish social behavior. <i>Journal of Neuroscience Methods</i> , 2012, 210, 266-271.	1.3	144
45	Perspectives of zebrafish models of epilepsy: What, how and where next?. <i>Brain Research Bulletin</i> , 2012, 87, 135-143.	1.4	90
46	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
47	The Zebrafish Neurophenome Database (ZND): A Dynamic Open-Access Resource for Zebrafish Neurophenotypic Data. <i>Zebrafish</i> , 2012, 9, 8-14.	0.5	16
48	Understanding spatio-temporal strategies of adult zebrafish exploration in the open field test. <i>Brain Research</i> , 2012, 1451, 44-52.	1.1	103
49	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
50	SERT and BDNF heterozygous knockout mice display alterations in grooming activity and syntax. <i>FASEB Journal</i> , 2012, 26, 1042.9.	0.2	0
51	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
52	Developing zebrafish models of depression?: Effects of reserpine on zebrafish behavior and physiology. <i>FASEB Journal</i> , 2012, 26, 1045.12.	0.2	3
53	Experimental models for anxiolytic drug discovery in the era of omesandomics. <i>Expert Opinion on Drug Discovery</i> , 2011, 6, 755-769.	2.5	12
54	Zebrafish models to study drug abuse-related phenotypes. <i>Reviews in the Neurosciences</i> , 2011, 22, 95-105.	1.4	127

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55	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
56	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
57	Three-Dimensional Neurophenotyping of Adult Zebrafish Behavior. PLoS ONE, 2011, 6, e17597.	1.1	244
58	Behavioral effects of MDMA (â€œecstasyâ€™) on adult zebrafish. Behavioural Pharmacology, 2011, 22, 275-280.	0.8	55
59	Behavioral and physiological effects of acute ketamine exposure in adult zebrafish. Neurotoxicology and Teratology, 2011, 33, 658-667.	1.2	139
60	Deconstructing Adult Zebrafish Behavior with Swim Trace Visualizations. Neuromethods, 2011, , 191-201.	0.2	14
61	Modeling Mouse Anxiety and Sensorimotor Integration: Neurobehavioral Phenotypes in the Suok Test. Neuromethods, 2011, , 61-81.	0.2	0
62	Measuring behavioral and endocrine responses to novelty stress in adult zebrafish. Nature Protocols, 2010, 5, 1786-1799.	5.5	522