Andrew Holmes

List of Publications by Year
in descending order

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108	10,819	41344	32842
papers	citations	49 h-index	100 g-index

121	121	121	12013
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetic Sensitivity to the Environment: The Case of the Serotonin Transporter Gene and Its Implications for Studying Complex Diseases and Traits. American Journal of Psychiatry, 2010, 167, 509-527.	7.2	1,260
2	Genetics of emotional regulation: the role of the serotonin transporter in neural function. Trends in Cognitive Sciences, 2006, 10, 182-191.	7.8	580
3	Stress-induced prefrontal reorganization and executive dysfunction in rodents. Neuroscience and Biobehavioral Reviews, 2009, 33, 773-783.	6.1	413
4	Brief Uncontrollable Stress Causes Dendritic Retraction in Infralimbic Cortex and Resistance to Fear Extinction in Mice. Journal of Neuroscience, 2006, 26, 5733-5738.	3.6	406
5	Neuropeptide systems as novel therapeutic targets for depression and anxiety disorders. Trends in Pharmacological Sciences, 2003, 24, 580-588.	8.7	374
6	Serotonin engages an anxiety and fear-promoting circuit in the extended amygdala. Nature, 2016, 537, 97-101.	27.8	362
7	Anxiety disorders. Nature Reviews Disease Primers, 2017, 3, 17024.	30.5	345
8	50 years of hurdles and hope in anxiolytic drug discovery. Nature Reviews Drug Discovery, 2013, 12, 667-687.	46.4	334
9	Stress and Fear Extinction. Neuropsychopharmacology, 2016, 41, 58-79.	5.4	292
10	Early life genetic, epigenetic and environmental factors shaping emotionality in rodents. Neuroscience and Biobehavioral Reviews, 2005, 29, 1335-1346.	6.1	266
11	Genetic variation in cortico-amygdala serotonin function and risk for stress-related disease. Neuroscience and Biobehavioral Reviews, 2008, 32, 1293-1314.	6.1	232
12	Impaired Fear Extinction Learning and Cortico-Amygdala Circuit Abnormalities in a Common Genetic Mouse Strain. Journal of Neuroscience, 2008, 28, 8074-8085.	3.6	231
13	Strain Differences in Stress Responsivity Are Associated with Divergent Amygdala Gene Expression and Glutamate-Mediated Neuronal Excitability. Journal of Neuroscience, 2010, 30, 5357-5367.	3.6	224
14	Chronic alcohol remodels prefrontal neurons and disrupts NMDAR-mediated fear extinction encoding. Nature Neuroscience, 2012, 15, 1359-1361.	14.8	203
15	Genetic Inactivation of the NMDA Receptor NR2A Subunit has Anxiolytic- and Antidepressant-Like Effects in Mice. Neuropsychopharmacology, 2006, 31, 2405-2414.	5.4	200
16	Amygdala FAAH and anandamide: mediating protection and recovery from stress. Trends in Pharmacological Sciences, 2013, 34, 637-644.	8.7	194
17	Association of MouseDlg4(PSD-95) Gene Deletion and HumanDLG4Gene Variation With Phenotypes Relevant to Autism Spectrum Disorders and Williams' Syndrome. American Journal of Psychiatry, 2010, 167, 1508-1517.	7.2	191
18	The endocannabinoid system as a target for novel anxiolytic drugs. Neuroscience and Biobehavioral Reviews, 2017, 76, 56-66.	6.1	182

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19	Prefrontal inputs to the amygdala instruct fear extinction memory formation. Science Advances, 2015, 1, .	10.3	181
20	Chronic alcohol produces neuroadaptations to prime dorsal striatal learning. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14783-14788.	7.1	172
21	Fear extinction requires infralimbic cortex projections to the basolateral amygdala. Translational Psychiatry, 2018, 8, 60.	4.8	168
22	Glutamatergic targets for new alcohol medications. Psychopharmacology, 2013, 229, 539-554.	3.1	167
23	Imaging Genetics and Genomics in Psychiatry: A Critical Review of Progress and Potential. Biological Psychiatry, 2017, 82, 165-175.	1.3	144
24	GluN2B in corticostriatal circuits governs choice learning and choice shifting. Nature Neuroscience, 2013, 16, 1101-1110.	14.8	137
25	Variation in Mouse Basolateral Amygdala Volume is Associated With Differences in Stress Reactivity and Fear Learning. Neuropsychopharmacology, 2008, 33, 2595-2604.	5.4	123
26	Individual differences in recovery from traumatic fear. Trends in Neurosciences, 2013, 36, 23-31.	8.6	120
27	Phenotypic analysis of dopamine receptor knockout mice; recent insights into the functional specificity of dopamine receptor subtypes. Neuropharmacology, 2004, 47, 1117-1134.	4.1	119
28	Chronic Stress Remodels Synapses in an Amygdala Circuitâ€“Specific Manner. Biological Psychiatry, 2019, 85, 189-201.	1.3	111
29	Pharmacological facilitation of fear extinction and the search for adjunct treatments for anxiety disorders - the case of yohimbine. Trends in Pharmacological Sciences, 2010, 31, 2-7.	8.7	97
30	Sex differences in the behavioral sequelae of chronic ethanol exposure. Alcohol, 2017, 58, 53-60.	1.7	97
31	An investigation of the behavioral actions of ethanol across adolescence in mice. Psychopharmacology, 2007, 191, 311-322.	3.1	95
32	Central Amygdala Prepronociceptin-Expressing Neurons Mediate Palatable Food Consumption and Reward. Neuron, 2019, 102, 1037-1052.e7.	8.1	95
33	Genetic Strain Differences in Learned Fear Inhibition Associated with Variation in Neuroendocrine, Autonomic, and Amygdala Dendritic Phenotypes. Neuropsychopharmacology, 2012, 37, 1534-1547.	5.4	93
34	Amygdala Circuit Substrates for Stress Adaptation and Adversity. Biological Psychiatry, 2021, 89, 847-856.	1.3	87
35	Rodent models of impaired fear extinction. Psychopharmacology, 2019, 236, 21-32.	3.1	80
36	Ethanol Inhibits Clearance of Brain Serotonin by a Serotonin Transporter-Independent Mechanism. Journal of Neuroscience, 2006, 26, 6431-6438.	3.6	77

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37	Rescue of Impaired Fear Extinction and Normalization of Cortico-Amygdala Circuit Dysfunction in a Genetic Mouse Model by Dietary Zinc Restriction. Journal of Neuroscience, 2010, 30, 13586-13596.	3.6	77
38	Ethanol-Related Behaviors in Serotonin Transporter Knockout Mice. Alcoholism: Clinical and Experimental Research, 2006, 30, 1957-1965.	2.4	75
39	Serotonin transporter polyadenylation polymorphism modulates the retention of fear extinction memory. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5493-5498.	7.1	73
40	A Discrete Dorsal Raphe to Basal Amygdala 5-HT Circuit Calibrates Aversive Memory. Neuron, 2019, 103, 489-505.e7.	8.1	72
41	Deep brain stimulation, histone deacetylase inhibitors and glutamatergic drugs rescue resistance to fear extinction in a genetic mouse model. Neuropharmacology, 2013, 64, 414-423.	4.1	67
42	Chronic EtOH effects on putative measures of compulsive behavior in mice. Addiction Biology, 2017, 22, 423-434.	2.6	66
43	Ethanol-related behaviors in mice lacking the NMDA receptor NR2A subunit. Psychopharmacology, 2006, 187, 455-466.	3.1	65
44	Prefrontal single-unit firing associated with deficient extinction in mice. Neurobiology of Learning and Memory, 2014, 113, 69-81.	1.9	65
45	Enhanced Extinction of Aversive Memories by High-Frequency Stimulation of the Rat Infralimbic Cortex. PLoS ONE, 2012, 7, e35853.	2.5	64
46	Drunk bugs: Chronic vapour alcohol exposure induces marked changes in the gut microbiome in mice. Behavioural Brain Research, 2017, 323, 172-176.	2.2	63
47	Finding translation in stress research. Nature Neuroscience, 2015, 18, 1347-1352.	14.8	62
48	Chronic stress dysregulates amygdalar output to the prefrontal cortex. Neuropharmacology, 2018, 139, 68-75.	4.1	61
49	Intercalated amygdala clusters orchestrate a switch in fear state. Nature, 2021, 594, 403-407.	27.8	61
50	Mechanisms to medicines: elucidating neural and molecular substrates of fear extinction to identify novel treatments for anxiety disorders. British Journal of Pharmacology, 2014, 171, 4690-4718.	5.4	60
51	Dorsolateral Striatum Engagement Interferes with Early Discrimination Learning. Cell Reports, 2018, 23, 2264-2272.	6.4	59
52	Glutamatergic mechanisms associated with stress-induced amygdala excitability and anxiety-related behavior. Neuropharmacology, 2014, 85, 190-197.	4.1	55
53	R2d2Drives Selfish Sweeps in the House Mouse. Molecular Biology and Evolution, 2016, 33, 1381-1395.	8.9	55
54	Strains and Stressors: An Analysis of Touchscreen Learning in Genetically Diverse Mouse Strains. PLoS ONE, 2014, 9, e87745.	2.5	54

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55	Prefrontal Regulation of Punished Ethanol Self-administration. Biological Psychiatry, 2020, 87, 967-978.	1.3	53
56	Discovery of a NAPE-PLD inhibitor that modulates emotional behavior in mice. Nature Chemical Biology, 2020, 16, 667-675.	8.0	53
57	Chronic swim stress alters sensitivity to acute behavioral effects of ethanol in mice. Physiology and Behavior, 2007, 91, 77-86.	2.1	51
58	A novel role for PSD-95 in mediating ethanol intoxication, drinking and place preference. Addiction Biology, 2011, 16, 428-439.	2.6	49
59	Chronic Stress Causes Projection-Specific Adaptation of Amygdala Neurons via Small-Conductance Calcium-Activated Potassium Channel Downregulation. Biological Psychiatry, 2019, 85, 812-828.	1.3	49
60	NMDA receptor subunits and associated signaling molecules mediating antidepressant-related effects of NMDA-GluN2B antagonism. Behavioural Brain Research, 2015, 287, 89-95.	2.2	48
61	Chronic Ethanol During Adolescence Impacts Corticolimbic Dendritic Spines and Behavior. Alcoholism: Clinical and Experimental Research, 2017, 41, 1298-1308.	2.4	47
62	Phenotypic assessment of galanin overexpressing and galanin receptor R1 knockout mice in the tail suspension test for depression-related behavior. Psychopharmacology, 2005, 178, 276-285.	3.1	39
63	Functional roles of NMDA receptor NR2A and NR2B subunits in the acute intoxicating effects of ethanol in mice. Synapse, 2005, 56, 222-225.	1.2	38
64	Chronic alcohol alters rewarded behaviors and striatal plasticity. Addiction Biology, 2015, 20, 345-348.	2.6	38
65	Central amygdala micro-circuits mediate fear extinction. Nature Communications, 2021, 12, 4156.	12.8	38
66	Fluoxetine Facilitates Fear Extinction Through Amygdala Endocannabinoids. Neuropsychopharmacology, 2016, 41, 1598-1609.	5.4	37
67	Identification of a novel gene regulating amygdala-mediated fear extinction. Molecular Psychiatry, 2019, 24, 601-612.	7.9	34
68	Contributions of nucleus accumbens dopamine to cognitive flexibility. European Journal of Neuroscience, 2019, 50, 2023-2035.	2.6	32
69	Sex Differences in the Brain Transcriptome Related to Alcohol Effects and Alcohol Use Disorder. Biological Psychiatry, 2022, 91, 43-52.	1.3	30
70	Excitation of Diverse Classes of Cholecystokinin Interneurons in the Basal Amygdala Facilitates Fear Extinction. ENeuro, 2019, 6, ENEURO.0220-19.2019.	1.9	30
71	Role of Major NMDA or AMPA Receptor Subunits in MKâ€801 Potentiation of Ethanol Intoxication. Alcoholism: Clinical and Experimental Research, 2008, 32, 1479-1492.	2.4	28
72	Behavioral and synaptic alterations relevant to obsessive-compulsive disorder in mice with increased EAAT3 expression. Neuropsychopharmacology, 2019, 44, 1163-1173.	5.4	27

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73	Impaired cognitive flexibility following NMDAR-GluN2B deletion is associated with altered orbitofrontal-striatal function. Neuroscience, 2019, 404, 338-352.	2.3	26
74	Increased anxiety-like behavior following circuit-specific catecholamine denervation in mice. Neurobiology of Disease, 2019, 125, 55-66.	4.4	25
75	Quantitative trait loci for sensitivity to ethanol intoxication in a C57BL/6JÂÃ—Â129S1/SvImJ inbred mouse cross. Mammalian Genome, 2012, 23, 305-321.	2.2	24
76	Effects of optogenetic photoexcitation of infralimbic cortex inputs to the basolateral amygdala on conditioned fear and extinction. Behavioural Brain Research, 2021, 396, 112913.	2.2	24
77	Temporal factors in the extinction of fear in inbred mouse strains differing in extinction efficacy. Biology of Mood & Anxiety Disorders, 2013, 3, 13.	4.7	23
78	Quantitative Trait Loci and a Novel Genetic Candidate for Fear Learning. Journal of Neuroscience, 2016, 36, 6258-6268.	3.6	23
79	Mouse strain differences in punished ethanol self-administration. Alcohol, 2017, 58, 83-92.	1.7	22
80	Advances in understanding mesoâ€corticoâ€limbicâ€striatal systems mediating risky reward seeking. Journal of Neurochemistry, 2021, 157, 1547-1571.	3.9	22
81	Tolerance to ethanol intoxication after chronic ethanol: role of <scp>G</scp>lu<scp>N</scp>2<scp>A</scp> and <scp>PSD</scp>â€95. Addiction Biology, 2015, 20, 259-262.	2.6	21
82	Effects of Topiramate and Other Anti-Glutamatergic Drugs on the Acute Intoxicating Actions of Ethanol in Mice: Modulation by Genetic Strain and Stress. Neuropsychopharmacology, 2009, 34, 1454-1466.	5.4	20
83	Desipramine potentiation of the acute depressant effects of ethanol: Modulation by Î±2-adrenoreceptors and stress. Neuropharmacology, 2008, 55, 803-811.	4.1	19
84	Phasic signaling in the bed nucleus of the stria terminalis during fear learning predicts within- and across-session cued fear expression. Learning and Memory, 2020, 27, 83-90.	1.3	19
85	Conditional loss of GluN2B in cortex and hippocampus impairs attentional set formation.. Behavioral Neuroscience, 2015, 129, 105-112.	1.2	18
86	A novel multichoice touchscreen paradigm for assessing cognitive flexibility in mice. Learning and Memory, 2019, 26, 24-30.	1.3	18
87	Behavioral and Myelin-Related Abnormalities after Blast-Induced Mild Traumatic Brain Injury in Mice. Journal of Neurotrauma, 2021, 38, 1551-1571.	3.4	17
88	A prefrontal-bed nucleus of the stria terminalis circuit limits fear to uncertain threat. ELife, 2020, 9, .	6.0	17
89	Reduced ethanol drinking following selective cortical interneuron deletion of the GluN2B NMDA receptors subunit. Alcohol, 2017, 58, 47-51.	1.7	15
90	Genome-wide association for testis weight in the diversity outbred mouse population. Mammalian Genome, 2018, 29, 310-324.	2.2	13

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91	Editorial: the psychopharmacology of extinctionâ€"from theory to therapy. Psychopharmacology, 2019, 236, 1-6.	3.1	13
92	Selective sub-nucleus effects of intra-amygdala oxytocin on fear extinction. Behavioural Brain Research, 2020, 393, 112798.	2.2	12
93	Dorsolateral striatum engagement during reversal learning. Learning and Memory, 2020, 27, 418-422.	1.3	12
94	Touchscreen-based assessment of risky-choice in mice. Behavioural Brain Research, 2020, 393, 112748.	2.2	12
95	Probing the Modulation of Acute Ethanol Intoxication by Pharmacological Manipulation of the <scp>NMDAR</scp> Glycine Coâ€Agonist Site. Alcoholism: Clinical and Experimental Research, 2013, 37, 223-233.	2.4	11
96	NMDA receptor GluN2A subunit deletion protects against dependence-like ethanol drinking. Behavioural Brain Research, 2018, 353, 124-128.	2.2	10
97	Cortico-hippocampal GluN2B is essential for efficient visual-spatial discrimination learning in a touchscreen paradigm. Neurobiology of Learning and Memory, 2018, 156, 60-67.	1.9	9
98	NMDA receptor deletion on dopamine neurons disrupts visual discrimination and reversal learning. Neuroscience Letters, 2019, 699, 109-114.	2.1	9
99	Improved visual discrimination learning in mice with partial 5-HT2B gene deletion. Neuroscience Letters, 2020, 738, 135378.	2.1	7
100	Merger Fever: Can Two Separate Mechanisms Work Together to Explain Why We Drink?. Biological Psychiatry, 2011, 69, 1015-1016.	1.3	6
101	The Effects of Stress on Measures of Alcohol Drinking in Rodents. , 2014, , 97-110.		4
102	Increased amygdalar metabotropic glutamate receptor 7 mRNA in a genetic mouse model of impaired fear extinction. Psychopharmacology, 2019, 236, 265-272.	3.1	4
103	GABA receptors in a state of fear. Nature Neuroscience, 2015, 18, 1194-1196.	14.8	3
104	Everything in Its Right Place: A Prefrontal-Midbrain Circuit for Contextual Fear Discrimination. Neuron, 2018, 97, 732-733.	8.1	3
105	Genomeâ€wide association mapping of ethanol sensitivity in the Diversity Outbred mouse population. Alcoholism: Clinical and Experimental Research, 2022, 46, 941-960.	2.4	2
106	Preface to a special issue on genetic models of alcoholism and alcohol-stress interactions. Alcohol, 2017, 58, 23-24.	1.7	1
107	Sex and Orexins: Uncovering a Mechanism Underlying Sex Differences in Stress Susceptibility. Biological Psychiatry, 2017, 81, 642-644.	1.3	1
108	Dennis L Murphy, MD. Neuropsychopharmacology, 2018, 43, 1193-1194.	5.4	0