

# Andrew Holmes

## List of Publications by Year in descending order

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Version: 2024-02-01

108  
papers

10,819  
citations

41344

49  
h-index

32842

100  
g-index

121  
all docs

121  
docs citations

121  
times ranked

12013  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex Differences in the Brain Transcriptome Related to Alcohol Effects and Alcohol Use Disorder. <i>Biological Psychiatry</i> , 2022, 91, 43-52.	1.3	30
2	Genome-wide association mapping of ethanol sensitivity in the Diversity Outbred mouse population. <i>Alcoholism: Clinical and Experimental Research</i> , 2022, 46, 941-960.	2.4	2
3	Effects of optogenetic photoexcitation of infralimbic cortex inputs to the basolateral amygdala on conditioned fear and extinction. <i>Behavioural Brain Research</i> , 2021, 396, 112913.	2.2	24
4	Advances in understanding meso-cortico-limbic-striatal systems mediating risky reward seeking. <i>Journal of Neurochemistry</i> , 2021, 157, 1547-1571.	3.9	22
5	Intercalated amygdala clusters orchestrate a switch in fear state. <i>Nature</i> , 2021, 594, 403-407.	27.8	61
6	Amygdala Circuit Substrates for Stress Adaptation and Adversity. <i>Biological Psychiatry</i> , 2021, 89, 847-856.	1.3	87
7	Behavioral and Myelin-Related Abnormalities after Blast-Induced Mild Traumatic Brain Injury in Mice. <i>Journal of Neurotrauma</i> , 2021, 38, 1551-1571.	3.4	17
8	Central amygdala micro-circuits mediate fear extinction. <i>Nature Communications</i> , 2021, 12, 4156.	12.8	38
9	Prefrontal Regulation of Punished Ethanol Self-administration. <i>Biological Psychiatry</i> , 2020, 87, 967-978.	1.3	53
10	Selective sub-nucleus effects of intra-amygdala oxytocin on fear extinction. <i>Behavioural Brain Research</i> , 2020, 393, 112798.	2.2	12
11	Dorsolateral striatum engagement during reversal learning. <i>Learning and Memory</i> , 2020, 27, 418-422.	1.3	12
12	Discovery of a NAPE-PLD inhibitor that modulates emotional behavior in mice. <i>Nature Chemical Biology</i> , 2020, 16, 667-675.	8.0	53
13	Touchscreen-based assessment of risky-choice in mice. <i>Behavioural Brain Research</i> , 2020, 393, 112748.	2.2	12
14	Phasic signaling in the bed nucleus of the stria terminalis during fear learning predicts within- and across-session cued fear expression. <i>Learning and Memory</i> , 2020, 27, 83-90.	1.3	19
15	Improved visual discrimination learning in mice with partial 5-HT2B gene deletion. <i>Neuroscience Letters</i> , 2020, 738, 135378.	2.1	7
16	A prefrontal-bed nucleus of the stria terminalis circuit limits fear to uncertain threat. <i>ELife</i> , 2020, 9, .	6.0	17
17	Chronic Stress Remodels Synapses in an Amygdala Circuitâ€‘Specific Manner. <i>Biological Psychiatry</i> , 2019, 85, 189-201.	1.3	111
18	Behavioral and synaptic alterations relevant to obsessive-compulsive disorder in mice with increased EAAT3 expression. <i>Neuropsychopharmacology</i> , 2019, 44, 1163-1173.	5.4	27

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19	Increased anxiety-like behavior following circuit-specific catecholamine denervation in mice. <i>Neurobiology of Disease</i> , 2019, 125, 55-66.	4.4	25
20	A Discrete Dorsal Raphe to Basal Amygdala 5-HT Circuit Calibrates Aversive Memory. <i>Neuron</i> , 2019, 103, 489-505.e7.	8.1	72
21	Central Amygdala Prepronociceptin-Expressing Neurons Mediate Palatable Food Consumption and Reward. <i>Neuron</i> , 2019, 102, 1037-1052.e7.	8.1	95
22	Editorial: the psychopharmacology of extinctionâ€”from theory to therapy. <i>Psychopharmacology</i> , 2019, 236, 1-6.	3.1	13
23	NMDA receptor deletion on dopamine neurons disrupts visual discrimination and reversal learning. <i>Neuroscience Letters</i> , 2019, 699, 109-114.	2.1	9
24	Impaired cognitive flexibility following NMDAR-GluN2B deletion is associated with altered orbitofrontal-striatal function. <i>Neuroscience</i> , 2019, 404, 338-352.	2.3	26
25	Increased amygdalar metabotropic glutamate receptor 7 mRNA in a genetic mouse model of impaired fear extinction. <i>Psychopharmacology</i> , 2019, 236, 265-272.	3.1	4
26	Contributions of nucleus accumbens dopamine to cognitive flexibility. <i>European Journal of Neuroscience</i> , 2019, 50, 2023-2035.	2.6	32
27	A novel multichoice touchscreen paradigm for assessing cognitive flexibility in mice. <i>Learning and Memory</i> , 2019, 26, 24-30.	1.3	18
28	Chronic Stress Causes Projection-Specific Adaptation of Amygdala Neurons via Small-Conductance Calcium-Activated Potassium Channel Downregulation. <i>Biological Psychiatry</i> , 2019, 85, 812-828.	1.3	49
29	Rodent models of impaired fear extinction. <i>Psychopharmacology</i> , 2019, 236, 21-32.	3.1	80
30	Identification of a novel gene regulating amygdala-mediated fear extinction. <i>Molecular Psychiatry</i> , 2019, 24, 601-612.	7.9	34
31	Excitation of Diverse Classes of Cholecystokinin Interneurons in the Basal Amygdala Facilitates Fear Extinction. <i>ENeuro</i> , 2019, 6, ENEURO.0220-19.2019.	1.9	30
32	Everything in Its Right Place: A Prefrontal-Midbrain Circuit for Contextual Fear Discrimination. <i>Neuron</i> , 2018, 97, 732-733.	8.1	3
33	Fear extinction requires infralimbic cortex projections to the basolateral amygdala. <i>Translational Psychiatry</i> , 2018, 8, 60.	4.8	168
34	Genome-wide association for testis weight in the diversity outbred mouse population. <i>Mammalian Genome</i> , 2018, 29, 310-324.	2.2	13
35	Cortico-hippocampal GluN2B is essential for efficient visual-spatial discrimination learning in a touchscreen paradigm. <i>Neurobiology of Learning and Memory</i> , 2018, 156, 60-67.	1.9	9
36	Dorsolateral Striatum Engagement Interferes with Early Discrimination Learning. <i>Cell Reports</i> , 2018, 23, 2264-2272.	6.4	59

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37	NMDA receptor GluN2A subunit deletion protects against dependence-like ethanol drinking. Behavioural Brain Research, 2018, 353, 124-128.	2.2	10
38	Chronic stress dysregulates amygdalar output to the prefrontal cortex. Neuropharmacology, 2018, 139, 68-75.	4.1	61
39	Dennis L Murphy, MD. Neuropsychopharmacology, 2018, 43, 1193-1194.	5.4	0
40	Chronic EtOH effects on putative measures of compulsive behavior in mice. Addiction Biology, 2017, 22, 423-434.	2.6	66
41	Mouse strain differences in punished ethanol self-administration. Alcohol, 2017, 58, 83-92.	1.7	22
42	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
43	Imaging Genetics and Genomics in Psychiatry: A Critical Review of Progress and Potential. Biological Psychiatry, 2017, 82, 165-175.	1.3	144
44	The endocannabinoid system as a target for novel anxiolytic drugs. Neuroscience and Biobehavioral Reviews, 2017, 76, 56-66.	6.1	182
45	Anxiety disorders. Nature Reviews Disease Primers, 2017, 3, 17024.	30.5	345
46	Preface to a special issue on genetic models of alcoholism and alcohol-stress interactions. Alcohol, 2017, 58, 23-24.	1.7	1
47	Chronic Ethanol During Adolescence Impacts Corticolimbic Dendritic Spines and Behavior. Alcoholism: Clinical and Experimental Research, 2017, 41, 1298-1308.	2.4	47
48	Sex and Orexins: Uncovering a Mechanism Underlying Sex Differences in Stress Susceptibility. Biological Psychiatry, 2017, 81, 642-644.	1.3	1
49	Sex differences in the behavioral sequelae of chronic ethanol exposure. Alcohol, 2017, 58, 53-60.	1.7	97
50	Reduced ethanol drinking following selective cortical interneuron deletion of the GluN2B NMDA receptors subunit. Alcohol, 2017, 58, 47-51.	1.7	15
51	Serotonin engages an anxiety and fear-promoting circuit in the extended amygdala. Nature, 2016, 537, 97-101.	27.8	362
52	Quantitative Trait Loci and a Novel Genetic Candidate for Fear Learning. Journal of Neuroscience, 2016, 36, 6258-6268.	3.6	23
53	<i>R2d2</i> Drives Selfish Sweeps in the House Mouse. Molecular Biology and Evolution, 2016, 33, 1381-1395.	8.9	55
54	Fluoxetine Facilitates Fear Extinction Through Amygdala Endocannabinoids. Neuropsychopharmacology, 2016, 41, 1598-1609.	5.4	37

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55	Stress and Fear Extinction. <i>Neuropsychopharmacology</i> , 2016, 41, 58-79.	5.4	292
56	Prefrontal inputs to the amygdala instruct fear extinction memory formation. <i>Science Advances</i> , 2015, 1, .	10.3	181
57	Conditional loss of GluN2B in cortex and hippocampus impairs attentional set formation.. <i>Behavioral Neuroscience</i> , 2015, 129, 105-112.	1.2	18
58	NMDA receptor subunits and associated signaling molecules mediating antidepressant-related effects of NMDA-GluN2B antagonism. <i>Behavioural Brain Research</i> , 2015, 287, 89-95.	2.2	48
59	Finding translation in stress research. <i>Nature Neuroscience</i> , 2015, 18, 1347-1352.	14.8	62
60	Chronic alcohol alters rewarded behaviors and striatal plasticity. <i>Addiction Biology</i> , 2015, 20, 345-348.	2.6	38
61	GABA receptors in a state of fear. <i>Nature Neuroscience</i> , 2015, 18, 1194-1196.	14.8	3
62	Tolerance to ethanol intoxication after chronic ethanol: role of $\text{GluN2A}$ and $\text{PSD-95}$ . <i>Addiction Biology</i> , 2015, 20, 259-262.	2.6	21
63	Mechanisms to medicines: elucidating neural and molecular substrates of fear extinction to identify novel treatments for anxiety disorders. <i>British Journal of Pharmacology</i> , 2014, 171, 4690-4718.	5.4	60
64	The Effects of Stress on Measures of Alcohol Drinking in Rodents. , 2014, , 97-110.		4
65	Glutamatergic mechanisms associated with stress-induced amygdala excitability and anxiety-related behavior. <i>Neuropharmacology</i> , 2014, 85, 190-197.	4.1	55
66	Prefrontal single-unit firing associated with deficient extinction in mice. <i>Neurobiology of Learning and Memory</i> , 2014, 113, 69-81.	1.9	65
67	Strains and Stressors: An Analysis of Touchscreen Learning in Genetically Diverse Mouse Strains. <i>PLoS ONE</i> , 2014, 9, e87745.	2.5	54
68	Temporal factors in the extinction of fear in inbred mouse strains differing in extinction efficacy. <i>Biology of Mood &amp; Anxiety Disorders</i> , 2013, 3, 13.	4.7	23
69	GluN2B in corticostriatal circuits governs choice learning and choice shifting. <i>Nature Neuroscience</i> , 2013, 16, 1101-1110.	14.8	137
70	50 years of hurdles and hope in anxiolytic drug discovery. <i>Nature Reviews Drug Discovery</i> , 2013, 12, 667-687.	46.4	334
71	Glutamatergic targets for new alcohol medications. <i>Psychopharmacology</i> , 2013, 229, 539-554.	3.1	167
72	Amygdala FAAH and anandamide: mediating protection and recovery from stress. <i>Trends in Pharmacological Sciences</i> , 2013, 34, 637-644.	8.7	194

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73	Individual differences in recovery from traumatic fear. <i>Trends in Neurosciences</i> , 2013, 36, 23-31.	8.6	120
74	Deep brain stimulation, histone deacetylase inhibitors and glutamatergic drugs rescue resistance to fear extinction in a genetic mouse model. <i>Neuropharmacology</i> , 2013, 64, 414-423.	4.1	67
75	Probing the Modulation of Acute Ethanol Intoxication by Pharmacological Manipulation of the <sc>NMDAR</sc> Glycine Co-agonist Site. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 223-233.	2.4	11
76	Chronic alcohol produces neuroadaptations to prime dorsal striatal learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 14783-14788.	7.1	172
77	Serotonin transporter polyadenylation polymorphism modulates the retention of fear extinction memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5493-5498.	7.1	73
78	Chronic alcohol remodels prefrontal neurons and disrupts NMDAR-mediated fear extinction encoding. <i>Nature Neuroscience</i> , 2012, 15, 1359-1361.	14.8	203
79	Enhanced Extinction of Aversive Memories by High-Frequency Stimulation of the Rat Infralimbic Cortex. <i>PLoS ONE</i> , 2012, 7, e35853.	2.5	64
80	Genetic Strain Differences in Learned Fear Inhibition Associated with Variation in Neuroendocrine, Autonomic, and Amygdala Dendritic Phenotypes. <i>Neuropsychopharmacology</i> , 2012, 37, 1534-1547.	5.4	93
81	Quantitative trait loci for sensitivity to ethanol intoxication in a C57BL/6J—A129S1/SvImJ inbred mouse cross. <i>Mammalian Genome</i> , 2012, 23, 305-321.	2.2	24
82	Merger Fever: Can Two Separate Mechanisms Work Together to Explain Why We Drink?. <i>Biological Psychiatry</i> , 2011, 69, 1015-1016.	1.3	6
83	A novel role for PSD-95 in mediating ethanol intoxication, drinking and place preference. <i>Addiction Biology</i> , 2011, 16, 428-439.	2.6	49
84	Genetic Sensitivity to the Environment: The Case of the Serotonin Transporter Gene and Its Implications for Studying Complex Diseases and Traits. <i>American Journal of Psychiatry</i> , 2010, 167, 509-527.	7.2	1,260
85	Strain Differences in Stress Responsivity Are Associated with Divergent Amygdala Gene Expression and Glutamate-Mediated Neuronal Excitability. <i>Journal of Neuroscience</i> , 2010, 30, 5357-5367.	3.6	224
86	Association of Mouse <i>Dlg4</i> (PSD-95) Gene Deletion and Human <i>DLG4</i> Gene Variation With Phenotypes Relevant to Autism Spectrum Disorders and Williams' Syndrome. <i>American Journal of Psychiatry</i> , 2010, 167, 1508-1517.	7.2	191
87	Rescue of Impaired Fear Extinction and Normalization of Cortico-Amygdala Circuit Dysfunction in a Genetic Mouse Model by Dietary Zinc Restriction. <i>Journal of Neuroscience</i> , 2010, 30, 13586-13596.	3.6	77
88	Pharmacological facilitation of fear extinction and the search for adjunct treatments for anxiety disorders - the case of yohimbine. <i>Trends in Pharmacological Sciences</i> , 2010, 31, 2-7.	8.7	97
89	Effects of Topiramate and Other Anti-Glutamatergic Drugs on the Acute Intoxicating Actions of Ethanol in Mice: Modulation by Genetic Strain and Stress. <i>Neuropsychopharmacology</i> , 2009, 34, 1454-1466.	5.4	20
90	Stress-induced prefrontal reorganization and executive dysfunction in rodents. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 773-783.	6.1	413

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91	Genetic variation in cortico-amygdala serotonin function and risk for stress-related disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2008, 32, 1293-1314.	6.1	232
92	Role of Major NMDA or AMPA Receptor Subunits in MK $\beta$ 801 Potentiation of Ethanol Intoxication. <i>Alcoholism: Clinical and Experimental Research</i> , 2008, 32, 1479-1492.	2.4	28
93	Desipramine potentiation of the acute depressant effects of ethanol: Modulation by $\beta$ 2-adrenoreceptors and stress. <i>Neuropharmacology</i> , 2008, 55, 803-811.	4.1	19
94	Impaired Fear Extinction Learning and Cortico-Amygdala Circuit Abnormalities in a Common Genetic Mouse Strain. <i>Journal of Neuroscience</i> , 2008, 28, 8074-8085.	3.6	231
95	Variation in Mouse Basolateral Amygdala Volume is Associated With Differences in Stress Reactivity and Fear Learning. <i>Neuropsychopharmacology</i> , 2008, 33, 2595-2604.	5.4	123
96	Chronic swim stress alters sensitivity to acute behavioral effects of ethanol in mice. <i>Physiology and Behavior</i> , 2007, 91, 77-86.	2.1	51
97	An investigation of the behavioral actions of ethanol across adolescence in mice. <i>Psychopharmacology</i> , 2007, 191, 311-322.	3.1	95
98	Brief Uncontrollable Stress Causes Dendritic Retraction in Infralimbic Cortex and Resistance to Fear Extinction in Mice. <i>Journal of Neuroscience</i> , 2006, 26, 5733-5738.	3.6	406
99	Genetics of emotional regulation: the role of the serotonin transporter in neural function. <i>Trends in Cognitive Sciences</i> , 2006, 10, 182-191.	7.8	580
100	Ethanol-Related Behaviors in Serotonin Transporter Knockout Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2006, 30, 1957-1965.	2.4	75
101	Ethanol-related behaviors in mice lacking the NMDA receptor NR2A subunit. <i>Psychopharmacology</i> , 2006, 187, 455-466.	3.1	65
102	Genetic Inactivation of the NMDA Receptor NR2A Subunit has Anxiolytic- and Antidepressant-Like Effects in Mice. <i>Neuropsychopharmacology</i> , 2006, 31, 2405-2414.	5.4	200
103	Ethanol Inhibits Clearance of Brain Serotonin by a Serotonin Transporter-Independent Mechanism. <i>Journal of Neuroscience</i> , 2006, 26, 6431-6438.	3.6	77
104	Early life genetic, epigenetic and environmental factors shaping emotionality in rodents. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 1335-1346.	6.1	266
105	Phenotypic assessment of galanin overexpressing and galanin receptor R1 knockout mice in the tail suspension test for depression-related behavior. <i>Psychopharmacology</i> , 2005, 178, 276-285.	3.1	39
106	Functional roles of NMDA receptor NR2A and NR2B subunits in the acute intoxicating effects of ethanol in mice. <i>Synapse</i> , 2005, 56, 222-225.	1.2	38
107	Phenotypic analysis of dopamine receptor knockout mice; recent insights into the functional specificity of dopamine receptor subtypes. <i>Neuropharmacology</i> , 2004, 47, 1117-1134.	4.1	119
108	Neuropeptide systems as novel therapeutic targets for depression and anxiety disorders. <i>Trends in Pharmacological Sciences</i> , 2003, 24, 580-588.	8.7	374