

Yasmin L Hurd

List of Publications by Year in descending order

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93
papers

6,758
citations

57758

44
h-index

69250

77
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95
all docs

95
docs citations

95
times ranked

8541
citing authors

#	ARTICLE	IF	CITATIONS
1	Endocannabinoid signalling in reward and addiction. <i>Nature Reviews Neuroscience</i> , 2015, 16, 579-594.	10.2	370
2	Brain Cell Type Specific Gene Expression and Co-expression Network Architectures. <i>Scientific Reports</i> , 2018, 8, 8868.	3.3	335
3	Endocannabinoid signaling controls pyramidal cell specification and long-range axon patterning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8760-8765.	7.1	263
4	Critical Role of Histone Turnover in Neuronal Transcription and Plasticity. <i>Neuron</i> , 2015, 87, 77-94.	8.1	257
5	Adolescent Cannabis Exposure Alters Opiate Intake and Opioid Limbic Neuronal Populations in Adult Rats. <i>Neuropsychopharmacology</i> , 2007, 32, 607-615.	5.4	252
6	Cannabidiol for the Reduction of Cue-Induced Craving and Anxiety in Drug-Abstinent Individuals With Heroin Use Disorder: A Double-Blind Randomized Placebo-Controlled Trial. <i>American Journal of Psychiatry</i> , 2019, 176, 911-922.	7.2	222
7	Maternal Cannabis Use Alters Ventral Striatal Dopamine D2 Gene Regulation in the Offspring. <i>Biological Psychiatry</i> , 2011, 70, 763-769.	1.3	215
8	Granulocyte-colony stimulating factor controls neural and behavioral plasticity in response to cocaine. <i>Nature Communications</i> , 2018, 9, 9.	12.8	213
9	Miswiring the brain: Δ^9 -tetrahydrocannabinol disrupts cortical development by inducing an SCG10/stathmin-2 degradation pathway. <i>EMBO Journal</i> , 2014, 33, 668-685.	7.8	189
10	Epigenetic Effects of Cannabis Exposure. <i>Biological Psychiatry</i> , 2016, 79, 586-594.	1.3	181
11	Responding to the opioid crisis in North America and beyond: recommendations of the Stanfordâ€“Lancet Commission. <i>Lancet, The</i> , 2022, 399, 555-604.	13.7	180
12	Cannabidiol, a Nonpsychotropic Component of Cannabis, Inhibits Cue-Induced Heroin Seeking and Normalizes Discrete Mesolimbic Neuronal Disturbances. <i>Journal of Neuroscience</i> , 2009, 29, 14764-14769.	3.6	173
13	An atlas of chromatin accessibility in the adult human brain. <i>Genome Research</i> , 2018, 28, 1243-1252.	5.5	170
14	Parental THC Exposure Leads to Compulsive Heroin-Seeking and Altered Striatal Synaptic Plasticity in the Subsequent Generation. <i>Neuropsychopharmacology</i> , 2014, 39, 1315-1323.	5.4	160
15	Genome-Wide DNA Methylation Profiling Reveals Epigenetic Changes in the Rat Nucleus Accumbens Associated With Cross-Generational Effects of Adolescent THC Exposure. <i>Neuropsychopharmacology</i> , 2015, 40, 2993-3005.	5.4	143
16	Neurobiological consequences of maternal cannabis on human fetal development and its neuropsychiatric outcome. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2009, 259, 395-412.	3.2	142
17	Prenatal Cannabis Exposure Increases Heroin Seeking with Allostatic Changes in Limbic Enkephalin Systems in Adulthood. <i>Biological Psychiatry</i> , 2007, 61, 554-563.	1.3	131
18	Trajectory of adolescent cannabis use on addiction vulnerability. <i>Neuropharmacology</i> , 2014, 76, 416-424.	4.1	128

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19	Early Phase in the Development of Cannabidiol as a Treatment for Addiction: Opioid Relapse Takes Initial Center Stage. <i>Neurotherapeutics</i> , 2015, 12, 807-815.	4.4	127
20	Cannabis and the Developing Brain: Insights into Its Long-Lasting Effects. <i>Journal of Neuroscience</i> , 2019, 39, 8250-8258.	3.6	124
21	Elucidation of The Behavioral Program and Neuronal Network Encoded by Dorsal Raphe Serotonergic Neurons. <i>Neuropsychopharmacology</i> , 2016, 41, 1404-1415.	5.4	118
22	In utero marijuana exposure associated with abnormal amygdala dopamine D2 gene expression in the human fetus. <i>Biological Psychiatry</i> , 2004, 56, 909-915.	1.3	117
23	Proenkephalin Mediates the Enduring Effects of Adolescent Cannabis Exposure Associated with Adult Opiate Vulnerability. <i>Biological Psychiatry</i> , 2012, 72, 803-810.	1.3	110
24	¼ Opioid receptor A118G polymorphism in association with striatal opioid neuropeptide gene expression in heroin abusers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7883-7888.	7.1	105
25	High times for cannabis: Epigenetic imprint and its legacy on brain and behavior. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 85, 93-101.	6.1	102
26	Substantial DNA methylation differences between two major neuronal subtypes in human brain. <i>Nucleic Acids Research</i> , 2016, 44, 2593-2612.	14.5	97
27	A unique role for DNA (hydroxy)methylation in epigenetic regulation of human inhibitory neurons. <i>Science Advances</i> , 2018, 4, eaau6190.	10.3	92
28	Epigenetic basis of opiate suppression of Bdnf gene expression in the ventral tegmental area. <i>Nature Neuroscience</i> , 2015, 18, 415-422.	14.8	91
29	Molecular mechanisms of maternal cannabis and cigarette use on human neurodevelopment. <i>European Journal of Neuroscience</i> , 2011, 34, 1574-1583.	2.6	90
30	Adolescent exposure to 9-tetrahydrocannabinol alters the transcriptional trajectory and dendritic architecture of prefrontal pyramidal neurons. <i>Molecular Psychiatry</i> , 2019, 24, 588-600.	7.9	89
31	Cannabis and synaptic reprogramming of the developing brain. <i>Nature Reviews Neuroscience</i> , 2021, 22, 423-438.	10.2	88
32	G9a influences neuronal subtype specification in striatum. <i>Nature Neuroscience</i> , 2014, 17, 533-539.	14.8	78
33	The endocannabinoid system as a target for addiction treatment: Trials and tribulations. <i>Neuropharmacology</i> , 2017, 124, 73-83.	4.1	77
34	Striatal H3K27 Acetylation Linked to Glutamatergic Gene Dysregulation in Human Heroin Abusers Holds Promise as Therapeutic Target. <i>Biological Psychiatry</i> , 2017, 81, 585-594.	1.3	77
35	Endocannabinoids modulate cortical development by configuring Slit2/Robo1 signalling. <i>Nature Communications</i> , 2014, 5, 4421.	12.8	70
36	DNA Methylation Profiling of Human Prefrontal Cortex Neurons in Heroin Users Shows Significant Difference between Genomic Contexts of Hyper- and Hypomethylation and a Younger Epigenetic Age. <i>Genes</i> , 2017, 8, 152.	2.4	66

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37	Cannabidiol: Swinging the Marijuana Pendulum From “Weed”™ to Medication to Treat the Opioid Epidemic. <i>Trends in Neurosciences</i> , 2017, 40, 124-127.	8.6	59
38	Shaping vulnerability to addiction – the contribution of behavior, neural circuits and molecular mechanisms. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 85, 117-125.	6.1	59
39	Heroin abuse exaggerates age-related deposition of hyperphosphorylated tau and p62-positive inclusions. <i>Neurobiology of Aging</i> , 2015, 36, 3100-3107.	3.1	54
40	Common schizophrenia risk variants are enriched in open chromatin regions of human glutamatergic neurons. <i>Nature Communications</i> , 2020, 11, 5581.	12.8	53
41	A Heroin Addiction Severity-Associated Intronic Single Nucleotide Polymorphism Modulates Alternative Pre-mRNA Splicing of the μ Opioid Receptor Gene OPRM1 via hnRNPH Interactions. <i>Journal of Neuroscience</i> , 2014, 34, 11048-11066.	3.6	52
42	Histone arginine methylation in cocaine action in the nucleus accumbens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9623-9628.	7.1	52
43	Stabilization of the μ -Opioid Receptor by Truncated Single Transmembrane Splice Variants through a Chaperone-like Action. <i>Journal of Biological Chemistry</i> , 2013, 288, 21211-21227.	3.4	51
44	The Genome in Three Dimensions: A New Frontier in Human Brain Research. <i>Biological Psychiatry</i> , 2014, 75, 961-969.	1.3	51
45	Sex and age specific effects of delta-9-tetrahydrocannabinol during the periadolescent period in the rat: The unique susceptibility of the prepubescent animal. <i>Neurotoxicology and Teratology</i> , 2016, 58, 88-100.	2.4	49
46	Cross-generational THC exposure alters the developmental sensitivity of ventral and dorsal striatal gene expression in male and female offspring. <i>Neurotoxicology and Teratology</i> , 2016, 58, 107-114.	2.4	49
47	Addressing racism and disparities in the biomedical sciences. <i>Nature Human Behaviour</i> , 2020, 4, 774-777.	12.0	48
48	Cocaine-Induced Chromatin Modifications Associate With Increased Expression and Three-Dimensional Looping of <i>Auts2</i> . <i>Biological Psychiatry</i> , 2017, 82, 794-805.	1.3	47
49	Deconstructing the neurobiology of cannabis use disorder. <i>Nature Neuroscience</i> , 2020, 23, 600-610.	14.8	45
50	ELK1 Transcription Factor Linked to Dysregulated Striatal μ Opioid Receptor Signaling Network and OPRM1 Polymorphism in Human Heroin Abusers. <i>Biological Psychiatry</i> , 2013, 74, 511-519.	1.3	40
51	A unique gene expression signature associated with serotonin 2C receptor RNA editing in the prefrontal cortex and altered in suicide. <i>Human Molecular Genetics</i> , 2014, 23, 4801-4813.	2.9	37
52	Microbiota of newborn meconium is associated with maternal anxiety experienced during pregnancy. <i>Developmental Psychobiology</i> , 2019, 61, 640-649.	1.6	37
53	THC exposure of human iPSC neurons impacts genes associated with neuropsychiatric disorders. <i>Translational Psychiatry</i> , 2018, 8, 89.	4.8	35
54	Reflections on the past two decades of neuroscience. <i>Nature Reviews Neuroscience</i> , 2020, 21, 524-534.	10.2	35

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55	Dysregulated Postsynaptic Density and Endocytic Zone in the Amygdala of Human Heroin and Cocaine Abusers. <i>Biological Psychiatry</i> , 2011, 69, 245-252.	1.3	32
56	Molecular windows into the human brain for psychiatric disorders. <i>Molecular Psychiatry</i> , 2019, 24, 653-673.	7.9	32
57	Synaptic Microtubule-Associated Protein EB3 and SRC Phosphorylation Mediate Structural and Behavioral Adaptations During Withdrawal From Cocaine Self-Administration. <i>Journal of Neuroscience</i> , 2019, 39, 5634-5646.	3.6	27
58	Maternal cannabis use is associated with suppression of immune gene networks in placenta and increased anxiety phenotypes in offspring. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	27
59	Molecular Genetics and New Medication Strategies for Opioid Addiction. <i>American Journal of Psychiatry</i> , 2018, 175, 935-942.	7.2	26
60	DREAMM: A Biobehavioral Imaging Methodology for Dynamic In Vivo Whole-Brain Mapping of Cell Type-Specific Functional Networks. <i>Neuropsychopharmacology</i> , 2015, 40, 239-240.	5.4	22
61	Natural disaster stress during pregnancy is linked to reprogramming of the placenta transcriptome in relation to anxiety and stress hormones in young offspring. <i>Molecular Psychiatry</i> , 2021, 26, 6520-6530.	7.9	22
62	Prenatal δ^9 -Tetrahydrocannabinol Exposure in Males Leads to Motivational Disturbances Related to Striatal Epigenetic Dysregulation. <i>Biological Psychiatry</i> , 2022, 92, 127-138.	1.3	22
63	Chromatin accessibility mapping of the striatum identifies tyrosine kinase FYN as a therapeutic target for heroin use disorder. <i>Nature Communications</i> , 2020, 11, 4634.	12.8	21
64	Dysregulated expression of the alternatively spliced variant mRNAs of the mu opioid receptor gene, <i>OPRM1</i> , in the medial prefrontal cortex of male human heroin abusers and heroin self-administering male rats. <i>Journal of Neuroscience Research</i> , 2022, 100, 35-47.	2.9	20
65	Leading the Next CBD Wave—Safety and Efficacy. <i>JAMA Psychiatry</i> , 2020, 77, 341.	11.0	20
66	A Functional 3'UTR Polymorphism (rs2235749) of Prodynorphin Alters microRNA-365 Binding in Ventral Striatonigral Neurons to Influence Novelty Seeking and Positive Reward Traits. <i>Neuropsychopharmacology</i> , 2016, 41, 2512-2520.	5.4	15
67	Testing the Gateway Hypothesis. <i>Neuropsychopharmacology</i> , 2017, 42, 985-986.	5.4	15
68	Neuropsychiatric Sequelae in Adolescents With Acute Synthetic Cannabinoid Toxicity. <i>Pediatrics</i> , 2019, 144, .	2.1	15
69	Striatal Rgs4 regulates feeding and susceptibility to diet-induced obesity. <i>Molecular Psychiatry</i> , 2020, 25, 2058-2069.	7.9	14
70	Effects of an opioid (proenkephalin) polymorphism on neural response to errors in health and cocaine use disorder. <i>Behavioural Brain Research</i> , 2015, 293, 18-26.	2.2	13
71	Dopamine D2 Receptor Signaling in the Nucleus Accumbens Comprises a Metabolic—Cognitive Brain Interface Regulating Metabolic Components of Glucose Reinforcement. <i>Neuropsychopharmacology</i> , 2017, 42, 2365-2376.	5.4	13
72	Respiratory failure in confirmed synthetic cannabinoid overdose. <i>Clinical Toxicology</i> , 2022, 60, 524-526.	1.9	13

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73	Perspectives on Current Directions in the Neurobiology of Addiction Disorders Relevant to Genetic Risk Factors. <i>CNS Spectrums</i> , 2006, 11, 855-862.	1.2	12
74	Cannabinoid use in psychotic patients impacts inflammatory levels and their association with psychosis severity. <i>Psychiatry Research</i> , 2020, 293, 113380.	3.3	9
75	Dose mediates the protracted effects of adolescent THC exposure on reward and stress reactivity in males relevant to perturbation of the basolateral amygdala transcriptome. <i>Molecular Psychiatry</i> , 2022, , .	7.9	8
76	A Randomized, Triple-Blind, Comparator-Controlled Parallel Study Investigating the Pharmacokinetics of Cannabidiol and Tetrahydrocannabinol in a Novel Delivery System, Solutech, in Association with Cannabis Use History. <i>Cannabis and Cannabinoid Research</i> , 2022, 7, 777-789.	2.9	8
77	Feeding the Developing Brain: The Persistent Epigenetic Effects of Early Life Malnutrition. <i>Biological Psychiatry</i> , 2016, 80, 730-732.	1.3	7
78	Î ⁹ -Tetrahydrocannabinol inhibits Hedgehog-dependent patterning during development. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	7
79	Cannabis and the developing brain challenge risk perception. <i>Journal of Clinical Investigation</i> , 2020, 130, 3947-3949.	8.2	6
80	Adjunctive Management of Opioid Withdrawal with the Nonopioid Medication Cannabidiol. <i>Cannabis and Cannabinoid Research</i> , 2022, 7, 569-581.	2.9	6
81	Neural Underpinnings of Social Stress in Substance Use Disorders. <i>Current Topics in Behavioral Neurosciences</i> , 2021, , 1.	1.7	6
82	Overcoming addiction stigma: Epigenetic contributions to substance use disorders and opportunities for intervention. <i>Neuron</i> , 2022, 110, 1611-1614.	8.1	5
83	A new dawn in cannabinoid neurobiology: The road from molecules to therapeutic discoveries. <i>Neuropharmacology</i> , 2017, 124, 1-2.	4.1	4
84	Placental gene network modules are associated with maternal stress during pregnancy and infant temperament. <i>FASEB Journal</i> , 2021, 35, e21922.	0.5	4
85	Stress in pregnancy: Clinical and adaptive behavior of offspring following Superstorm Sandy. <i>Development and Psychopathology</i> , 2022, 34, 1249-1259.	2.3	3
86	Cannabidiol, an Adjunct Player in the Antipsychosis Arsenal. <i>American Journal of Psychiatry</i> , 2018, 175, 197-198.	7.2	2
87	Data mining-based clinical profiles of substance use-related emergency department utilizers. <i>American Journal of Emergency Medicine</i> , 2022, 53, 104-111.	1.6	2
88	SnapShot: Neurobiology of opioid use disorder. <i>Cell</i> , 2021, 184, 1648-1648.e1.	28.9	1
89	Using Big Data to Predict Outcomes of Opioid Treatment Programs. <i>Studies in Health Technology and Informatics</i> , 2020, 272, 366-369.	0.3	1
90	Endocannabinoids and fetal organ development: a conflict of misconstrued concepts and policies?. <i>Future Neurology</i> , 2015, 10, 75-78.	0.5	0

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91	Macrophage migration inhibitory factor as a potential biomarker in acetaminophen overdose: a pilot study. <i>Toxicology Communications</i> , 2022, 6, 1-5.	0.7	0
92	Latent COVID-19 Clusters in Patients with Opioid Misuse. <i>Studies in Health Technology and Informatics</i> , 2022, 289, 123-127.	0.3	0
93	Comparative Analysis of Patient Distress in Opioid Treatment Programs using Natural Language Processing. , 2022, 2022, 319-326.		0