Steven E Hyman

List of Publications by Year
in descending order

140 papers	22,724 citations	53939 47 h-index	14779 131 g-index
145 all docs	145 docs citations	145 times ranked	25933 citing authors

#	Article	IF	Citations
1	A Critical Perspective on the Synaptic Pruning Hypothesis of Schizophrenia Pathogenesis. Biological Psychiatry, 2022, 92, 440-442.	0.7	8
2	The Hierarchical Taxonomy of Psychopathology (HiTOP) in psychiatric practice and research. Psychological Medicine, 2022, 52, 1666-1678.	2.7	39
3	The 22q11.2 region regulates presynaptic gene-products linked to schizophrenia. Nature Communications, 2022, 13, .	5.8	22
4	Counterpoint. Early intervention for psychosis risk syndromes: Minimizing risk and maximizing benefit. Schizophrenia Research, 2021, 227, 10-17.	1.1	28
5	Wringing Biological Insight From Polygenic Signals. Biological Psychiatry, 2021, 89, 8-10.	0.7	2
6	Psychiatric Disorders: Grounded in Human Biology but Not Natural Kinds. Perspectives in Biology and Medicine, 2021, 64, 6-28.	0.3	28
7	PANDAS: Too Narrow a View of the Neuroimmune Landscape. American Journal of Psychiatry, 2021, 178, 5-7.	4.0	8
8	Use of mouse models to investigate the contributions of CNVs associated with schizophrenia and autism to disease mechanisms. Current Opinion in Genetics and Development, 2021, 68, 99-105.	1.5	11
9	Problems with Using Polygenic Scores to Select Embryos. New England Journal of Medicine, 2021, 385, 78-86.	13.9	105
10	The familiar dialectic between overclaiming and moral outrage over brain biology: disconnected from what matters. Psychological Medicine, 2021, 51, 2776-2777.	2.7	0
11	Recognizing Team Science Contributions in Academic Hiring, Promotion, and Tenure. Journal of Neuroscience, 2020, 40, 6662-6663.	1.7	7
12	Redefining phenotypes to advance psychiatric genetics: Implications from hierarchical taxonomy of psychopathology.. Journal of Abnormal Psychology, 2020, 129, 143-161.	2.0	82
13	The NIH BRAIN Initiative: Integrating Neuroethics and Neuroscience. Neuron, 2019, 101, 394-398.	3.8	30
14	Comparative genetic architectures of schizophrenia in East Asian and European populations. Nature Genetics, 2019, 51, 1670-1678.	9.4	440
15	Innovations and changes in the ICDâ€11 classification of mental, behavioural and neurodevelopmental disorders. World Psychiatry, 2019, 18, 3-19.	4.8	505
16	Predicting Polygenic Risk of Psychiatric Disorders. Biological Psychiatry, 2019, 86, 97-109.	0.7	252
17	New Evidence for Shared Risk Architecture of Mental Disorders. JAMA Psychiatry, 2019, 76, 235.	6.0	26
18	Steven E. Hyman. Current Biology, 2018, 28, R6-R8.	1.8	1

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19	Neuroethics Guiding Principles for the NIH BRAIN Initiative. Journal of Neuroscience, 2018, 38, 10586-10588.	1.7	61
20	The daunting polygenicity of mental illness: making a new map. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170031.	1.8	45
21	The ethics of experimenting with human brain tissue. Nature, 2018, 556, 429-432.	13.7	139
22	The importance of true collaboration in efforts to increase diversity in genetic analyses. Current Biology, 2018, 28, R598.	1.8	3
23	A New Hope for Biological Insights Into Depression. Biological Psychiatry, 2017, 81, 280-281.	0.7	3
24	A Valuable New Direction in Ethical Analysis of Psychiatric Genetics. American Journal of Bioethics, 2017, 17, 13-15.	0.5	2
25	The Hierarchical Taxonomy of Psychopathology (HiTOP): A dimensional alternative to traditional nosologies.. Journal of Abnormal Psychology, 2017, 126, 454-477.	2.0	1,804
26	Whole genome sequencing in psychiatric disorders: the WGSPD consortium. Nature Neuroscience, 2017, 20, 1661-1668.	7.1	122
27	Biology needs more staff scientists. Nature, 2017, 545, 283-284.	13.7	5
28	Research Into Brain Disorders as an Example of Targeted Science. JAMA - Journal of the American Medical Association, 2016, 316, 1673.	3.8	5
29	Back to basics: luring industry back into neuroscience. Nature Neuroscience, 2016, 19, 1383-1384.	7.1	24
30	Adult Mental Disorders. , 2016, , 67-86.		3
31	Genetic research in autism spectrum disorders. Current Opinion in Pediatrics, 2015, 27, 685-691.	1.0	54
32	The development of the ICD-11 Clinical Descriptions and Diagnostic Guidelines for Mental and Behavioural Disorders. World Psychiatry, 2015, 14, 82-90.	4.8	270
33	Enlisting hESCs to Interrogate Genetic Variants Associated with Neuropsychiatric Disorders. Cell Stem Cell, 2015, 17, 253-254.	5.2	2
34	Mental health: Depression needs large human-genetics studies. Nature, 2014, 515, 189-191.	13.7	40
35	Perspective: Revealing molecular secrets. Nature, 2014, 508, S20-S20.	13.7	7
36	The Unconscionable Gap Between What We Know and What We Do. Science Translational Medicine, 2014, 6, 253cm9.	5.8	17

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37	I Hope That We Are Not Living in a Post-Fact World. AJOB Neuroscience, 2014, 5, 1-2.	0.6	1
38	Time for New Schizophrenia Rx. Science, 2014, 343, 1177-1177.	6.0	15
39	Genome-scale neurogenetics: methodology and meaning. Nature Neuroscience, 2014, 17, 756-763.	7.1	82
40	Revitalizing Psychiatric Therapeutics. Neuropsychopharmacology, 2014, 39, 220-229.	2.8	76
41	Medicines for the Mind: Policy-Based â€œPullâ€•Incentives for Creating Breakthrough CNS Drugs. Neuron, 2014, 84, 554-563.	3.8	58
42	How Far Can Mice Carry Autism Research?. Cell, 2014, 158, 13-14.	13.5	15
43	DSM-5 and RDoC: progress in psychiatry research?. Nature Reviews Neuroscience, 2013, 14, 810-814.	4.9	326
44	Progress in the Genetics of Polygenic Brain Disorders: Significant New Challenges for Neurobiology. Neuron, 2013, 80, 578-587.	3.8	74
45	Might stimulant drugs support moral agency in ADHD children?. Journal of Medical Ethics, 2013, 39, 369-370.	1.0	5
46	Psychiatric drug development: diagnosing a crisis. Cerebrum: the Dana Forum on Brain Science, 2013, 2013, 5.	0.1	33
47	Revolution Stalled. Science Translational Medicine, 2012, 4, 155cm11.	5.8	207
48	Interview with Steven E. Hyman. Trends in Cognitive Sciences, 2012, 16, 3-5.	4.0	5
49	Target practice: HDAC inhibitors for schizophrenia. Nature Neuroscience, 2012, 15, 1180-1181.	7.1	15
50	Biology of Addiction. , 2012, , 140-142.		0
51	Cognitive Enhancement: Promises and Perils. Neuron, 2011, 69, 595-598.	3.8	59
52	Grand challenges in global mental health. Nature, 2011, 475, 27-30.	13.7	1,654
53	Commentary: Repairing a plane while it is flying - reflections on Rutter (2011). Journal of Child Psychology and Psychiatry and Allied Disciplines, 2011, 52, 661-662.	3.1	4
54	Grouping Diagnoses of Mental Disorders by Their Common Risk Factors. American Journal of Psychiatry, 2011, 168, 1-3.	4.0	33

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55	The Meaning of the Human Genome Project for Neuropsychiatric Disorders. Science, 2011, 331, 1026-1026.	6.0	7
56	Diagnosing the DSM: Diagnostic Classification Needs Fundamental Reform. Cerebrum: the Dana Forum on Brain Science, 2011, 2011, 6.	0.1	17
57	Animal models of neuropsychiatric disorders. Nature Neuroscience, 2010, 13, 1161-1169.	7.1	1,762
58	There May Be Better Ways to Earn a Living. AJOB Neuroscience, 2010, 1, 9-10.	0.6	1
59	A Bone to Pick with Compulsive Behavior. Cell, 2010, 141, 752-754.	13.5	6
60	Emerging Neurotechnologies for Lie-Detection: Where Are We Now? An Appraisal of Wolpe, Foster and Langleben's â€œEmerging Neurotechnologies for Lie-Detection: Promise and Perilsâ€•Five Years Later. American Journal of Bioethics, 2010, 10, 49-50.	0.5	4
61	The Diagnosis of Mental Disorders: The Problem of Reification. Annual Review of Clinical Psychology, 2010, 6, 155-179.	6.3	790
62	How adversity gets under the skin. Nature Neuroscience, 2009, 12, 241-243.	7.1	99
63	A glimmer of light for neuropsychiatric disorders. Nature, 2008, 455, 890-893.	13.7	97
64	Cognition in Schizophrenia. American Journal of Psychiatry, 2008, 165, 312-312.	4.0	3
65	How Might Cocaine Interfere with Brain Development?. PLoS Medicine, 2008, 5, e130.	3.9	0
66	Commentary: Public Health Contributions. Schizophrenia Bulletin, 2007, 33, 1151-1152.	2.3	0
67	The Neurobiology of Addiction: Implications for Voluntary Control of Behavior. American Journal of Bioethics, 2007, 7, 8-11.	0.5	209
68	Addiction: A Disease of Learning and Memory. Focus (American Psychiatric Publishing), 2007, 5, 220-228.	0.4	8
69	How Mice Cope with Stressful Social Situations. Cell, 2007, 131, 232-234.	13.5	14
70	Obsessed with grooming. Nature, 2007, 448, 871-872.	13.7	8
71	Can neuroscience be integrated into the DSM-V?. Nature Reviews Neuroscience, 2007, 8, 725-732.	4.9	471
72	The Homer-1 protein Ania-3 interacts with the plasma membrane calcium pump. Biochemical and Biophysical Research Communications, 2006, 343, 630-637.	1.0	57

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73	Even chromatin gets the blues. Nature Neuroscience, 2006, 9, 465-466.	7.1	17
74	NEURAL MECHANISMS OF ADDICTION: The Role of Reward-Related Learning and Memory. Annual Review of Neuroscience, 2006, 29, 565-598.	5.0	2,489
75	Improving our Brains?. BioSocieties, 2006, 1, 103-111.	0.8	17
76	Can Autism Speak to Neuroscience?. Journal of Neuroscience, 2006, 26, 6893-6896.	1.7	37
77	Neurotransmitters. Current Biology, 2005, 15, R154-R158.	1.8	105
78	The Impact of Terrorism on Brain, and Behavior: What We Know and What We Need to Know. Neuropsychopharmacology, 2005, 30, 1773-1780.	2.8	38
79	Addiction: A Disease of Learning and Memory. American Journal of Psychiatry, 2005, 162, 1414-1422.	4.0	787
80	Metabotropic Glutamate Receptors and Dopamine Receptors Cooperate to Enhance Extracellular Signal-Regulated Kinase Phosphorylation in Striatal Neurons. Journal of Neuroscience, 2005, 25, 3763-3773.	1.7	68
81	Computational roles for dopamine in behavioural control. Nature, 2004, 431, 760-767.	13.7	891
82	Regulation of ania-6 splice variants by distinct signaling pathways in striatal neurons. Journal of Neurochemistry, 2004, 86, 153-164.	2.1	27
83	Decreased Absolute Amygdala Volume in Cocaine Addicts. Neuron, 2004, 44, 729-740.	3.8	140
84	Introduction: the brain's special status. Cerebrum: the Dana Forum on Brain Science, 2004, 6, 9-12.	0.1	2
85	Diagnosing Disorders. Scientific American, 2003, 289, 96-103.	1.0	14
86	Methylphenidate-induced plasticity: what should we be looking for?. Biological Psychiatry, 2003, 54, 1310-1311.	0.7	20
87	MEDICINE: What Are the Right Targets for Psychopharmacology?. Science, 2003, 299, 350-351.	6.0	254
88	The Human Genome Project and Its Impact on Psychiatry. Annual Review of Neuroscience, 2002, 25, 1-50.	5.0	81
89	Neuroscience, Genetics, and the Future of Psychiatric Diagnosis. Psychopathology, 2002, 35, 139-144.	1.1	53
90	Levels of analysis in psychiatric research. Development and Psychopathology, 2002, 14, 437-461.	1.4	12

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91	A new beginning for research on borderline personality disorder. Biological Psychiatry, 2002, 51, 933-935.	0.7	42
92	Two Views of Mental Illness. Neuron, 2002, 33, 13-14.	3.8	0
93	Leukemia Inhibitory Factor and Ciliary Neurotrophic Factor Increase Activated Ras in a Neuroblastoma Cell Line and in Sympathetic Neuron Cultures. Journal of Neurochemistry, 2002, 63, 1246-1254.	2.1	18
94	Analysis of the Proenkephalin Second Messenger-Inducible Enhancer in Rat Striatal Cultures. Journal of Neurochemistry, 2002, 65, 1007-1015.	2.1	31
95	Contrasting Calcium Dependencies of SAPK and ERK Activations by Glutamate in Cultured Striatal Neurons. Journal of Neurochemistry, 2002, 72, 2248-2255.	2.1	44
96	Cyclic AMP-Dependent Activation of the Proenkephalin Gene Requires Phosphorylation of CREB at Serine-133 and a Src-Related Kinase. Journal of Neurochemistry, 2002, 73, 129-138.	2.1	24
97	Ethics and the practice of brain science. Cerebrum: the Dana Forum on Brain Science, 2002, 4, 64-6.	0.1	0
98	Mood disorders in children and adolescents: an NIMH perspective. Biological Psychiatry, 2001, 49, 962-969.	0.7	19
99	NIMH Perspective: Meeting National Needs for Psychiatrist-Researchers. Academic Psychiatry, 2001, 25, 9-11.	0.4	3
100	Dopamine and Glutamate Induce Distinct Striatal Splice Forms of Ania-6, an RNA Polymerase II-Associated Cyclin. Neuron, 2001, 32, 277-287.	3.8	91
101	No time for complacency: The fetal brain on drugs. Journal of Comparative Neurology, 2001, 435, 259-262.	0.9	23
102	Addiction and the brain: The neurobiology of compulsion and its persistence. Nature Reviews Neuroscience, 2001, 2, 695-703.	4.9	1,147
103	A 28-Year-Old Man Addicted to Cocaine. JAMA - Journal of the American Medical Association, 2001, 286, 2586.	3.8	14
104	The Needs for Database Research and for Privacy Collide. American Journal of Psychiatry, 2000, 157, 1723-1724.	4.0	8
105	Genes, Gene Expression, and Behavior. Neurobiology of Disease, 2000, 7, 528-532.	2.1	3
106	The NIMH perspective: next steps in schizophrenia research. Biological Psychiatry, 2000, 47, 1-7.	0.7	36
107	An NIMH perspective on the use of placebos. Biological Psychiatry, 2000, 47, 689-691.	0.7	16
108	Mental Illness. Neuron, 2000, 28, 321-323.	3.8	31

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109	Addiction, Dopamine, and the Molecular Mechanisms of Memory. Neuron, 2000, 25, 515-532.	3.8	1,054
110	Goals for research on bipolar disorder: the view from NIMH. Biological Psychiatry, 2000, 48, 436-441.	0.7	24
111	Selective gene expression increases behavioral sensitivity to cocaine. Nature Neuroscience, 1999, 2, 855-856.	7.1	1
112	A new image for fear and emotion. Nature, 1998, 393, 417-418.	13.7	38
113	5-HT3 receptor activation is required for induction of striatal c-Fos and phosphorylation of ATF-1 by amphetamine. , 1998, 30, 71-78.		24
114	A Complex Program of Striatal Gene Expression Induced by Dopaminergic Stimulation. Journal of Neuroscience, 1998, 18, 5301-5310.	1.7	320
115	An Integrated Preclerkship Curriculum in Neuroscience, Psychiatry, and Neurology. Academic Psychiatry, 1997, 21, 212-218.	0.4	5
116	Molecular Adaptations to Psychostimulants in Striatal Neurons: Toward a Pathophysiology of Addiction. Neurobiology of Disease, 1997, 4, 239-246.	2.1	12
117	Acute Effects of Cocaine on Human Brain Activity and Emotion. Neuron, 1997, 19, 591-611.	3.8	1,205
118	Glutamate, But Not Dopamine, Stimulates Stress-Activated Protein Kinase and AP-1-Mediated Transcription in Striatal Neurons. Journal of Neuroscience, 1997, 17, 3455-3466.	1.7	156
119	Addiction to Cocaine and Amphetamine. Neuron, 1996, 16, 901-904.	3.8	218
120	Response and Habituation of the Human Amygdala during Visual Processing of Facial Expression. Neuron, 1996, 17, 875-887.	3.8	1,583
121	Influence of Cocaine on the JAKâ€“STAT Pathway in the Mesolimbic Dopamine System. Journal of Neuroscience, 1996, 16, 8019-8026.	1.7	50
122	Addiction: Taking the brain seriously. Behavioral and Brain Sciences, 1996, 19, 582-582.	0.4	0
123	Amphetamine and Dopamine-Induced Immediate Early Gene Expression in Striatal Neurons Depends on Postsynaptic NMDA Receptors and Calcium. Journal of Neuroscience, 1996, 16, 4231-4239.	1.7	280
124	REVIEW â– : Regulation of Gene Expression by Neural Signals. Neuroscientist, 1996, 2, 217-224.	2.6	5
125	G Proteins and Second Messengers in Psychiatry. Harvard Review of Psychiatry, 1995, 3, 41-44.	0.9	3
126	Postnatal age defines specificity of immediate early gene induction by cocaine in developing rat brain. Journal of Comparative Neurology, 1995, 351, 27-40.	0.9	45

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127	Substance P phenotype defines specificity of c-fos induction by cocaine in developing rat striatum. Journal of Comparative Neurology, 1995, 351, 41-50.	0.9	45
128	Dopamine Regulation of Transcription Factor-Target Interactions in Rat Striatum. Chemical Senses, 1995, 20, 257-260.	1.1	26
129	Neuronal adaptation to amphetamine and dopamine: Molecular mechanisms of prodynorphin gene regulation in rat striatum. Neuron, 1995, 14, 813-823.	3.8	342
130	Why Does the Brain Prefer Opium to Broccoli?. Harvard Review of Psychiatry, 1994, 2, 43-46.	0.9	44
131	Regulation of striatal proenkephalin and prodynorphin gene expression by transcription factor CREB. Regulatory Peptides, 1994, 54, 127-128.	1.9	2
132	More Serotonin: Not as Simple as It Seems. Harvard Review of Psychiatry, 1994, 2, 222-224.	0.9	2
133	Another One Bites the Dust: An Infectious Origin for Peptic Ulcers. Harvard Review of Psychiatry, 1994, 1, 294-295.	0.9	9
134	Coordinate Regulation of Choline Acetyltransferase, Tyrosine Hydroxylase, and Neuropeptide mRNAs by Ciliary Neurotrophic Factor and Leukemia Inhibitory Factor in Cultured Sympathetic Neurons. Journal of Neurochemistry, 1994, 63, 429-438.	2.1	60
135	New Insights into How Antipsychotic Drugs Might Work. Harvard Review of Psychiatry, 1993, 1, 68-69.	0.9	2
136	Recent Developments in Neurobiology. Psychosomatics, 1988, 29, 157-165.	2.5	0
137	Recent Developments in Neurobiology. Psychosomatics, 1988, 29, 254-263.	2.5	5
138	Recent Developments in Neurobiology. Psychosomatics, 1988, 29, 373-378.	2.5	0
139	Mechanisms of trans-synaptic regulation of gene expression. Trends in Neurosciences, 1987, 10, 473-478.	4.2	120
140	Calcium channel blockers in psychiatry. Psychosomatics, 1987, 28, 356-369.	2.5	21