

Suzanne N Haber

List of Publications by Year in descending order

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124
papers

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26610

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19112
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#	ARTICLE	IF	CITATIONS
1	A Novel Insular/Orbital-Prelimbic Circuit That Prevents Persistent Avoidance in a Rodent Model of Compulsive Behavior. <i>Biological Psychiatry</i> , 2023, 93, 1000-1009.	0.7	4
2	Prefrontal connectomics: from anatomy to human imaging. <i>Neuropsychopharmacology</i> , 2022, 47, 20-40.	2.8	40
3	The prefrontal cortex. <i>Neuropsychopharmacology</i> , 2022, 47, 1-2.	2.8	1
4	Society of Biological Psychiatry's 2022 Meeting. <i>Biological Psychiatry</i> , 2022, 91, A11.	0.7	0
5	Post mortem mapping of connectional anatomy for the validation of diffusion MRI. <i>NeuroImage</i> , 2022, 256, 119146.	2.1	47
6	Anatomical and functional connectivity support the existence of a salience network node within the caudal ventrolateral prefrontal cortex. <i>ELife</i> , 2022, 11, .	2.8	22
7	Targeting Presupplementary Motor Area in OCD With tDCS and Continuous Theta Burst TMS. <i>Biological Psychiatry</i> , 2022, 91, S16.	0.7	0
8	Insights from the IronTract challenge: Optimal methods for mapping brain pathways from multi-shell diffusion MRI. <i>NeuroImage</i> , 2022, 257, 119327.	2.1	17
9	Four Deep Brain Stimulation Targets for Obsessive-Compulsive Disorder: Are They Different?. <i>Biological Psychiatry</i> , 2021, 90, 667-677.	0.7	65
10	Nonhuman primate meso-circuitry data: a translational tool to understand brain networks across species. <i>Brain Structure and Function</i> , 2021, 226, 1-11.	1.2	11
11	Modelling white matter in gyral blades as a continuous vector field. <i>NeuroImage</i> , 2021, 227, 117693.	2.1	15
12	A prefrontal network integrates preferences for advance information about uncertain rewards and punishments. <i>Neuron</i> , 2021, 109, 2339-2352.e5.	3.8	38
13	Connectomic Deep Brain Stimulation for Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2021, 90, 678-688.	0.7	61
14	Diffusion MRI and anatomic tracing in the same brain reveal common failure modes of tractography. <i>NeuroImage</i> , 2021, 239, 118300.	2.1	51
15	Circuits, Networks, and Neuropsychiatric Disease: Transitioning From Anatomy to Imaging. <i>Biological Psychiatry</i> , 2020, 87, 318-327.	0.7	51
16	Functional Disruption of Cerebello-thalamo-cortical Networks in Obsessive-Compulsive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 438-447.	1.1	19
17	Neural mechanisms of persistent avoidance in OCD: A novel avoidance devaluation study. <i>NeuroImage: Clinical</i> , 2020, 28, 102404.	1.4	10
18	Anterior Cingulate Cortex and the Control of Dynamic Behavior in Primates. <i>Current Biology</i> , 2020, 30, R1442-R1454.	1.8	49

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19	Transient aphasia induced by intermittent theta burst stimulation. <i>Brain Stimulation</i> , 2020, 13, 941-942.	0.7	1
20	Functional disruption in prefrontal-striatal network in obsessive-compulsive disorder. <i>Psychiatry Research - Neuroimaging</i> , 2020, 300, 111081.	0.9	18
21	Deep Brain Stimulation Initiative: Toward Innovative Technology, New Disease Indications, and Approaches to Current and Future Clinical Challenges in Neuromodulation Therapy. <i>Frontiers in Neurology</i> , 2020, 11, 597451.	1.1	27
22	Corticostriatal Projections of Macaque Area 44. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa079.	0.7	8
23	Use of an Individual-Level Approach to Identify Cortical Connectivity Biomarkers in Obsessive-Compulsive Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 27-38.	1.1	32
24	Evolution of gamma knife capsulotomy for intractable obsessive-compulsive disorder. <i>Molecular Psychiatry</i> , 2019, 24, 218-240.	4.1	73
25	Holographic Reconstruction of Axonal Pathways in the Human Brain. <i>Neuron</i> , 2019, 104, 1056-1064.e3.	3.8	91
26	2. Prefrontal Cortex and Striatum Hubs: Integrating Information From Reward, Cognitive, and Motor Control Regions. <i>Biological Psychiatry</i> , 2019, 85, S1.	0.7	0
27	A neural network for information seeking. <i>Nature Communications</i> , 2019, 10, 5168.	5.8	81
28	A connective hub in the rostral anterior cingulate cortex links areas of emotion and cognitive control. <i>ELife</i> , 2019, 8, .	2.8	78
29	How do cortico-striatal projections impact on downstream pallidal circuitry?. <i>Brain Structure and Function</i> , 2018, 223, 2809-2821.	1.2	16
30	Functional Segmentation of the Anterior Limb of the Internal Capsule: Linking White Matter Abnormalities to Specific Connections. <i>Journal of Neuroscience</i> , 2018, 38, 2106-2117.	1.7	118
31	137. Location of Anterior Cingulate and Ventrolateral Prefrontal Cortical Hubs: Integration Between Emotional and Cognitive Functions. <i>Biological Psychiatry</i> , 2018, 83, S56.	0.7	1
32	The thalamus in drug addiction: from rodents to humans. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170028.	1.8	86
33	138. Biomarkers of Reward and Avoidance Neural Circuitry Abnormalities in Mood Disorders and OCD: Toward New Neural Targets for Neuromodulation Interventions. <i>Biological Psychiatry</i> , 2018, 83, S56.	0.7	0
34	Organization of the Anterior Limb of the Internal Capsule in the Rat. <i>Journal of Neuroscience</i> , 2017, 37, 2539-2554.	1.7	34
35	Convergence of prefrontal and parietal anatomical projections in a connective hub in the striatum. <i>NeuroImage</i> , 2017, 146, 821-832.	2.1	70
36	Combinatorial Inputs to the Ventral Striatum from the Temporal Cortex, Frontal Cortex, and Amygdala: Implications for Segmenting the Striatum. <i>ENeuro</i> , 2017, 4, ENEURO.0392-17.2017.	0.9	46

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37	Neurocircuitry Underlying OCD. , 2017, , .		2
38	Corticostriatal Circuitry. , 2016, , 1-21.		14
39	Perspective on basal ganglia connections as described by Nauta and Mehler in 1966: Where we were and how this paper effected where we are now. Brain Research, 2016, 1645, 4-7.	1.1	7
40	Circuit-Based Corticostriatal Homologies Between Rat and Primate. Biological Psychiatry, 2016, 80, 509-521.	0.7	265
41	Acute deep brain stimulation changes in regional cerebral blood flow in obsessive-compulsive disorder. Journal of Neurosurgery, 2016, 125, 1087-1093.	0.9	35
42	Corticostriatal Circuitry. , 2016, , 1721-1741.		19
43	Corticostriatal circuitry. Dialogues in Clinical Neuroscience, 2016, 18, 7-21.	1.8	614
44	Subthalamic, not striatal, activity correlates with basal ganglia downstream activity in normal and parkinsonian monkeys. ELife, 2016, 5, .	2.8	91
45	A Cross Species Approach to Understanding DBS Modulation of Fear. Brain Stimulation, 2015, 8, 986-988.	0.7	2
46	Enhancement of Fear Extinction with Deep Brain Stimulation: Evidence for Medial Orbitofrontal Involvement. Neuropsychopharmacology, 2015, 40, 1726-1733.	2.8	39
47	Measuring macroscopic brain connections in vivo. Nature Neuroscience, 2015, 18, 1546-1555.	7.1	292
48	Frontal Cortical and Subcortical Projections Provide a Basis for Segmenting the Cingulum Bundle: Implications for Neuroimaging and Psychiatric Disorders. Journal of Neuroscience, 2014, 34, 10041-10054.	1.7	167
49	The place of dopamine in the cortico-basal ganglia circuit. Neuroscience, 2014, 282, 248-257.	1.1	266
50	Connectivity-Based Functional Analysis of Dopamine Release in the Striatum Using Diffusion-Weighted MRI and Positron Emission Tomography. Cerebral Cortex, 2014, 24, 1165-1177.	1.6	276
51	Estimates of Projection Overlap and Zones of Convergence within Frontal-Striatal Circuits. Journal of Neuroscience, 2014, 34, 9497-9505.	1.7	140
52	The Neural Network Underlying Incentive-Based Learning: Implications for Interpreting Circuit Disruptions in Psychiatric Disorders. Neuron, 2014, 83, 1019-1039.	3.8	194
53	Meeting report: "Depression and Anxiety Spectrum disorders: from basic science to the clinic and back" Biology of Mood & Anxiety Disorders, 2013, 3, 6.	4.7	0
54	Improvements in Anorexia Symptoms After Deep Brain Stimulation for Intractable Obsessive-Compulsive Disorder. Biological Psychiatry, 2013, 73, e29-e31.	0.7	74

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55	Translational Research in OCD: Circuitry and Mechanisms. <i>Neuropsychopharmacology</i> , 2013, 38, 252-253.	2.8	43
56	Human and Monkey Ventral Prefrontal Fibers Use the Same Organizational Principles to Reach Their Targets: Tracing versus Tractography. <i>Journal of Neuroscience</i> , 2013, 33, 3190-3201.	1.7	185
57	The Organization of Prefrontal-Subthalamic Inputs in Primates Provides an Anatomical Substrate for Both Functional Specificity and Integration: Implications for Basal Ganglia Models and Deep Brain Stimulation. <i>Journal of Neuroscience</i> , 2013, 33, 4804-4814.	1.7	441
58	The Rat Prefrontostriatal System Analyzed in 3D: Evidence for Multiple Interacting Functional Units. <i>Journal of Neuroscience</i> , 2013, 33, 5718-5727.	1.7	128
59	The Basal Ganglia. , 2012, , 678-738.		29
60	Reversible Increase in Smoking After Withdrawal of Ventral Capsule/Ventral Striatum Deep Brain Stimulation in a Depressed Smoker. <i>Journal of Addiction Medicine</i> , 2012, 6, 94-95.	1.4	10
61	Neural Circuits Affected by Deep Brain Stimulation for the Treatment of Psychiatric Disorders. , 2012, , 11-20.		2
62	The Subcallosal Cingulate Gyrus in the Context of Major Depression. <i>Biological Psychiatry</i> , 2011, 69, 301-308.	0.7	404
63	Emerging, reemerging, and forgotten brain areas of the reward circuit: Notes from the 2010 Motivational Neural Networks conference. <i>Behavioural Brain Research</i> , 2011, 225, 348-357.	1.2	25
64	Closed-Loop Deep Brain Stimulation Is Superior in Ameliorating Parkinsonism. <i>Neuron</i> , 2011, 72, 370-384.	3.8	705
65	Rules Ventral Prefrontal Cortical Axons Use to Reach Their Targets: Implications for Diffusion Tensor Imaging Tractography and Deep Brain Stimulation for Psychiatric Illness. <i>Journal of Neuroscience</i> , 2011, 31, 10392-10402.	1.7	167
66	Harnessing neuroplasticity for clinical applications. <i>Brain</i> , 2011, 134, 1591-1609.	3.7	907
67	Positive reactions to tobacco predict relapse after cessation.. <i>Journal of Abnormal Psychology</i> , 2011, 120, 999-1005.	2.0	85
68	Stratum radiatum of CA2 is an additional target of the perforant path in humans and monkeys. <i>NeuroReport</i> , 2010, 21, 245-249.	0.6	18
69	A 3D multi-modal and multi-dimensional digital brain model as a framework for data sharing. <i>Journal of Neuroscience Methods</i> , 2010, 194, 56-63.	1.3	20
70	Neurocircuitry: A Window into the Networks Underlying Neuropsychiatric Disease. <i>Neuropsychopharmacology</i> , 2010, 35, 1-3.	2.8	56
71	Increased Synaptic Dopamine Function in Associative Regions of the Striatum in Schizophrenia. <i>Archives of General Psychiatry</i> , 2010, 67, 231.	13.8	468
72	Invasive Circuitry-Based Neurotherapeutics: Stereotactic Ablation and Deep Brain Stimulation for OCD. <i>Neuropsychopharmacology</i> , 2010, 35, 317-336.	2.8	310

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73	The Reward Circuit: Linking Primate Anatomy and Human Imaging. <i>Neuropsychopharmacology</i> , 2010, 35, 4-26.	2.8	2,972
74	Integrative Networks Across Basal Ganglia Circuits. <i>Handbook of Behavioral Neuroscience</i> , 2010, , 409-427.	0.7	17
75	Neurocircuitry Underlying the Effects of Deep Brain Stimulation. <i>Psychiatric Annals</i> , 2010, 40, 499-503.	0.1	0
76	Anatomy and connectivity of the reward circuit. , 2009, , 1-27.		9
77	Cognitive and limbic circuits that are affected by deep brain stimulation. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 1823.	3.0	26
78	A Proposal for a Coordinated Effort for the Determination of Brainwide Neuroanatomical Connectivity in Model Organisms at a Mesoscopic Scale. <i>PLoS Computational Biology</i> , 2009, 5, e1000334.	1.5	242
79	Tectonigral projections in the primate: a pathway for preattentive sensory input to midbrain dopaminergic neurons. <i>European Journal of Neuroscience</i> , 2009, 29, 575-587.	1.2	56
80	The cortico-basal ganglia integrative network: The role of the thalamus. <i>Brain Research Bulletin</i> , 2009, 78, 69-74.	1.4	580
81	Functional topography of the ventral striatum and anterior limb of the internal capsule determined by electrical stimulation of awake patients. <i>Clinical Neurophysiology</i> , 2009, 120, 1941-1948.	0.7	46
82	Cell proliferation in the striatum during postnatal development: preferential distribution in subregions of the ventral striatum. <i>Brain Structure and Function</i> , 2008, 213, 119-127.	1.2	9
83	Lennart Heimer: in memoriam (1930–2007). <i>Brain Structure and Function</i> , 2008, 213, 3-10.	1.2	2
84	Parallel and Integrative Processing Through the Basal Ganglia Reward Circuit: Lessons from Addiction. <i>Biological Psychiatry</i> , 2008, 64, 173-174.	0.7	37
85	Low-Pass Filter Properties of Basal Ganglia Cortical Muscle Loops in the Normal and MPTP Primate Model of Parkinsonism. <i>Journal of Neuroscience</i> , 2008, 28, 633-649.	1.7	76
86	Functional Anatomy and Physiology of the Basal Ganglia: Non-motor Functions. , 2008, , 33-62.		11
87	Relationship between the corticostriatal terminals from areas 9 and 46, and those from area 8A, dorsal and rostral premotor cortex and area 24c: an anatomical substrate for cognition to action. <i>European Journal of Neuroscience</i> , 2007, 26, 2005-2024.	1.2	145
88	Prefrontal Cortical Projections to the Midbrain in Primates: Evidence for a Sparse Connection. <i>Neuropsychopharmacology</i> , 2006, 31, 1627-1636.	2.8	109
89	Dopamine Replacement Therapy Does Not Restore the Full Spectrum of Normal Pallidal Activity in the 1-Methyl-4-Phenyl-1,2,3,6-Tetra-Hydropyridine Primate Model of Parkinsonism. <i>Journal of Neuroscience</i> , 2006, 26, 8101-8114.	1.7	104
90	Reward-Related Cortical Inputs Define a Large Striatal Region in Primates That Interface with Associative Cortical Connections, Providing a Substrate for Incentive-Based Learning. <i>Journal of Neuroscience</i> , 2006, 26, 8368-8376.	1.7	622

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91	A functional neuroimaging investigation of deep brain stimulation in patients with obsessive-compulsive disorder. <i>Journal of Neurosurgery</i> , 2006, 104, 558-565.	0.9	234
92	The Basal Ganglia. , 2004, , 676-738.		30
93	Imaging Human Mesolimbic Dopamine Transmission with Positron Emission Tomography. Part II: Amphetamine-Induced Dopamine Release in the Functional Subdivisions of the Striatum. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 285-300.	2.4	510
94	The primate basal ganglia: parallel and integrative networks. <i>Journal of Chemical Neuroanatomy</i> , 2003, 26, 317-330.	1.0	1,370
95	Amygdaloid projections to ventromedial striatal subterritories in the primate. <i>Neuroscience</i> , 2002, 110, 257-275.	1.1	195
96	Enhanced Synchrony among Primary Motor Cortex Neurons in the 1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine Primate Model of Parkinson's Disease. <i>Journal of Neuroscience</i> , 2002, 22, 4639-4653.	1.7	260
97	Thalamic Relay Nuclei of the Basal Ganglia Form Both Reciprocal and Nonreciprocal Cortical Connections, Linking Multiple Frontal Cortical Areas. <i>Journal of Neuroscience</i> , 2002, 22, 8117-8132.	1.7	413
98	Defining the Caudal Ventral Striatum in Primates: Cellular and Histochemical Features. <i>Journal of Neuroscience</i> , 2002, 22, 10078-10082.	1.7	65
99	Bed nucleus of the stria terminalis and extended amygdala inputs to dopamine subpopulations in primates. <i>Neuroscience</i> , 2001, 104, 807-827.	1.1	68
100	The Place of the Thalamus in Frontal Cortical-Basal Ganglia Circuits. <i>Neuroscientist</i> , 2001, 7, 315-324.	2.6	163
101	Organization of thalamostriatal terminals from the ventral motor nuclei in the macaque. <i>Journal of Comparative Neurology</i> , 2001, 429, 321-336.	0.9	94
102	Convergent Inputs from Thalamic Motor Nuclei and Frontal Cortical Areas to the Dorsal Striatum in the Primate. <i>Journal of Neuroscience</i> , 2000, 20, 3798-3813.	1.7	213
103	Striatonigrostriatal Pathways in Primates Form an Ascending Spiral from the Shell to the Dorsolateral Striatum. <i>Journal of Neuroscience</i> , 2000, 20, 2369-2382.	1.7	1,753
104	Striatal Responses to Partial Dopaminergic Lesion: Evidence for Compensatory Sprouting. <i>Journal of Neuroscience</i> , 2000, 20, 5102-5114.	1.7	148
105	The Concept of the Ventral Striatum in Nonhuman Primates. <i>Annals of the New York Academy of Sciences</i> , 1999, 877, 33-48.	1.8	210
106	Considering the Role of the Amygdala in Psychotic Illness. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 1998, 10, 383-394.	0.9	24
107	Dopamine Neurons Make Glutamatergic Synapses <i>In Vitro</i> . <i>Journal of Neuroscience</i> , 1998, 18, 4588-4602.	1.7	316
108	Insular Cortical Projections to Functional Regions of the Striatum Correlate with Cortical Cytoarchitectonic Organization in the Primate. <i>Journal of Neuroscience</i> , 1997, 17, 9686-9705.	1.7	303

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109	Descending efferent connections of the sub-pallidal areas in the cat: projections to the lateral habenula. <i>NeuroReport</i> , 1995, 6, 977-980.	0.6	1
110	Organization of thalamic projections to the ventral striatum in the primate. <i>Journal of Comparative Neurology</i> , 1995, 354, 127-149.	0.9	125
111	Primate cingulostriatal projection: Limbic striatal versus sensorimotor striatal input. <i>Journal of Comparative Neurology</i> , 1994, 350, 337-356.	0.9	289
112	Integrative Aspects of Basal Ganglia Circuitry. <i>Advances in Behavioral Biology</i> , 1994, , 71-80.	0.2	28
113	Myosin light chain kinase is expressed in neurons and glia: immunoblotting and immunocytochemical studies. <i>Molecular Brain Research</i> , 1992, 14, 27-34.	2.5	30
114	In situ hybridization histochemistry: a new method for processing material stored for several years. <i>Brain Research</i> , 1992, 578, 155-160.	1.1	48
115	Mechanisms of striatal pattern formation: conservation of mammalian compartmentalization. <i>Developmental Brain Research</i> , 1990, 57, 93-102.	2.1	118
116	Tracing intrinsic fiber connections in postmortem human brain with WGA-HRP. <i>Journal of Neuroscience Methods</i> , 1988, 23, 15-22.	1.3	28
117	Chapter 25 Transplantation of fetal dopamine neurons in primate brain reverses MPTP induced parkinsonism. <i>Progress in Brain Research</i> , 1987, 71, 309-323.	0.9	41
118	Survival and growth of fetal catecholamine neurons transplanted into primate brain. <i>Brain Research Bulletin</i> , 1986, 17, 809-818.	1.4	119
119	Gilles de la Tourette's syndrome. <i>Journal of the Neurological Sciences</i> , 1986, 75, 225-241.	0.3	166
120	Late changes in cerebral monoamine metabolism following focal ventrolateral cerebrocortical lesions in rats. <i>Brain Research</i> , 1985, 344, 205-210.	1.1	16
121	Proopiomelanocortin peptide immunocytochemistry in rhesus monkey brain. <i>Brain Research Bulletin</i> , 1984, 13, 785-800.	1.4	71
122	The distribution of enkephalin immunoreactive neuronal cell bodies in the monkey brain: Preliminary observations. <i>Neuroscience Letters</i> , 1982, 32, 247-252.	1.0	35
123	Interspecies conservation and variation in peptidergic neurons. <i>Peptides</i> , 1980, 1, 21-26.	1.2	17
124	Naloxone blocks amphetamine-induced rearing: Potential interaction between catecholamines and endorphins. <i>Progress in Neuro-Psychopharmacology & Biological Psychiatry</i> , 1978, 2, 425-430.	0.6	29