

Elliot A Stein

List of Publications by Year in descending order

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56
papers

5,221
citations

147801

31
h-index

168389

53
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58
all docs

58
docs citations

58
times ranked

5310
citing authors

#	ARTICLE	IF	CITATIONS
1	Recognition Memory is Associated with Distinct Patterns of Regional Gray Matter Volumes in Young and Aged Monkeys. <i>Cerebral Cortex</i> , 2022, 32, 933-948.	2.9	4
2	Not all smokers are alike: the hidden cost of sustained attention during nicotine abstinence. <i>Neuropsychopharmacology</i> , 2022, 47, 1633-1642.	5.4	0
3	Brain lesions disrupting addiction map to a common human brain circuit. <i>Nature Medicine</i> , 2022, 28, 1249-1255.	30.7	61
4	Misconfigured striatal connectivity profiles in smokers. <i>Neuropsychopharmacology</i> , 2022, 47, 2081-2089.	5.4	1
5	Nicotinic receptor modulation of the default mode network. <i>Psychopharmacology</i> , 2021, 238, 589-597.	3.1	3
6	Time-Varying Functional Connectivity Decreases as a Function of Acute Nicotine Abstinence. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 459-469.	1.5	3
7	Whole brain dynamics during optogenetic self-stimulation of the medial prefrontal cortex in mice. <i>Communications Biology</i> , 2021, 4, 66.	4.4	19
8	Nicotine addiction: Translational insights from circuit neuroscience. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 204, 173171.	2.9	7
9	Short-term nicotine deprivation alters dorsal anterior cingulate glutamate concentration and concomitant cingulate-cortical functional connectivity. <i>Neuropsychopharmacology</i> , 2020, 45, 1920-1930.	5.4	12
10	Converging Structural and Functional Evidence for a Rat Salience Network. <i>Biological Psychiatry</i> , 2020, 88, 867-878.	1.3	51
11	Intrinsic differences in insular circuits moderate the negative association between nicotine dependence and cingulate-striatal connectivity strength. <i>Neuropsychopharmacology</i> , 2020, 45, 1042-1049.	5.4	14
12	Nicotine dependence (trait) and acute nicotinic stimulation (state) modulate attention but not inhibitory control: converging fMRI evidence from Go/NoGo and Flanker tasks. <i>Neuropsychopharmacology</i> , 2020, 45, 857-865.	5.4	14
13	Transcranial Direct Current Stimulation Applied to the Dorsolateral and Ventromedial Prefrontal Cortices in Smokers Modifies Cognitive Circuits Implicated in the Nicotine Withdrawal Syndrome. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 448-460.	1.5	8
14	Transcranial electrical and magnetic stimulation (tES and TMS) for addiction medicine: A consensus paper on the present state of the science and the road ahead. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 104, 118-140.	6.1	198
15	Habenular and striatal activity during performance feedback are differentially linked with state-like and trait-like aspects of tobacco use disorder. <i>Science Advances</i> , 2019, 5, eaax2084.	10.3	16
16	Intrinsic Insular-Frontal Networks Predict Future Nicotine Dependence Severity. <i>Journal of Neuroscience</i> , 2019, 39, 5028-5037.	3.6	18
17	Evidence of subgroups in smokers as revealed in clinical measures and evaluated by neuroimaging data: a preliminary study. <i>Addiction Biology</i> , 2019, 24, 777-786.	2.6	7
18	Heroin addiction engages negative emotional learning brain circuits in rats. <i>Journal of Clinical Investigation</i> , 2019, 129, 2480-2484.	8.2	35

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19	Functional Neurocircuits and Neuroimaging Biomarkers of Tobacco Use Disorder. Trends in Molecular Medicine, 2018, 24, 129-143.	6.7	32
20	Nicotine Abstinence Influences the Calculation of Salience in Discrete Insular Circuits. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 150-159.	1.5	41
21	Neural Signatures of Cognitive Flexibility and Reward Sensitivity Following Nicotinic Receptor Stimulation in Dependent Smokers. JAMA Psychiatry, 2017, 74, 632.	11.0	38
22	Graph theory reveals amygdala modules consistent with its anatomical subdivisions. Scientific Reports, 2017, 7, 14392.	3.3	16
23	Physiological characterization of a robust survival rodent fMRI method. Magnetic Resonance Imaging, 2017, 35, 54-60.	1.8	46
24	CYP2A6 Genetic Variation Alters Striatal-Cingulate Circuits, Network Hubs, and Executive Processing in Smokers. Biological Psychiatry, 2017, 81, 554-563.	1.3	35
25	Combining Multiple Resting-State fMRI Features during Classification: Optimized Frameworks and Their Application to Nicotine Addiction. Frontiers in Human Neuroscience, 2017, 11, 362.	2.0	24
26	A novel method to induce nicotine dependence by intermittent drug delivery using osmotic minipumps. Pharmacology Biochemistry and Behavior, 2016, 142, 79-84.	2.9	13
27	Insula Demonstrates a Non-Linear Response to Varying Demand for Cognitive Control and Weaker Resting Connectivity With the Executive Control Network in Smokers. Neuropsychopharmacology, 2016, 41, 2557-2565.	5.4	39
28	Functional connectivity with the retrosplenial cortex predicts cognitive aging in rats. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12286-12291.	7.1	69
29	Constituents and functional implications of the rat default mode network. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4541-7.	7.1	90
30	Chronic cigarette smoking is linked with structural alterations in brain regions showing acute nicotinic drug-induced functional modulations. Behavioral and Brain Functions, 2016, 12, 16.	3.3	88
31	Networks Associated with Reward. , 2016, , 1-27.		3
32	Resting-state functional connectivity and nicotine addiction: prospects for biomarker development. Annals of the New York Academy of Sciences, 2015, 1349, 64-82.	3.8	133
33	Neurobiological Impact of Nicotinic Acetylcholine Receptor Agonists: An Activation Likelihood Estimation Meta-Analysis of Pharmacologic Neuroimaging Studies. Biological Psychiatry, 2015, 78, 711-720.	1.3	46
34	Interactions between the Salience and Default-Mode Networks Are Disrupted in Cocaine Addiction. Journal of Neuroscience, 2015, 35, 8081-8090.	3.6	108
35	Greater externalizing personality traits predict less error-related insula and anterior cingulate cortex activity in acutely abstinent cigarette smokers. Addiction Biology, 2015, 20, 377-389.	2.6	24
36	Reward Anticipation Is Differentially Modulated by Varenicline and Nicotine in Smokers. Neuropsychopharmacology, 2015, 40, 2038-2046.	5.4	32

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37	Large-Scale Brain Network Coupling Predicts Acute Nicotine Abstinence Effects on Craving and Cognitive Function. <i>JAMA Psychiatry</i> , 2014, 71, 523.	11.0	202
38	Resting state functional connectivity: Its physiological basis and application in neuropharmacology. <i>Neuropharmacology</i> , 2014, 84, 79-89.	4.1	53
39	Insula's functional connectivity with ventromedial prefrontal cortex mediates the impact of trait alexithymia on state tobacco craving. <i>Psychopharmacology</i> , 2013, 228, 143-155.	3.1	80
40	Acute Nicotine Differentially Impacts Anticipatory Valence- and Magnitude-Related Striatal Activity. <i>Biological Psychiatry</i> , 2013, 73, 280-288.	1.3	55
41	Down-Regulation of Amygdala and Insula Functional Circuits by Varenicline and Nicotine in Abstinent Cigarette Smokers. <i>Biological Psychiatry</i> , 2013, 74, 538-546.	1.3	120
42	Individual differences in amygdala reactivity following nicotinic receptor stimulation in abstinent smokers. <i>NeuroImage</i> , 2013, 66, 585-593.	4.2	23
43	Dorsolateral caudate nucleus differentiates cocaine from natural reward-associated contextual cues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4093-4098.	7.1	21
44	Rat brains also have a default mode network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3979-3984.	7.1	509
45	Chronic Exposure to Nicotine Is Associated with Reduced Reward-Related Activity in the Striatum but not the Midbrain. <i>Biological Psychiatry</i> , 2012, 71, 206-213.	1.3	59
46	Resting state functional connectivity in addiction: Lessons learned and a road ahead. <i>NeuroImage</i> , 2012, 62, 2281-2295.	4.2	421
47	Factors underlying prefrontal and insula structural alterations in smokers. <i>NeuroImage</i> , 2011, 54, 42-48.	4.2	168
48	Registering and analyzing rat fMRI data in the stereotaxic framework by exploiting intrinsic anatomical features. <i>Magnetic Resonance Imaging</i> , 2010, 28, 146-152.	1.8	44
49	A genetically modulated, intrinsic cingulate circuit supports human nicotine addiction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13509-13514.	7.1	154
50	Performance Effects of Nicotine during Selective Attention, Divided Attention, and Simple Stimulus Detection: An fMRI Study. <i>Cerebral Cortex</i> , 2009, 19, 1990-2000.	2.9	79
51	Association of Nicotine Addiction and Nicotine's Actions With Separate Cingulate Cortex Functional Circuits. <i>Archives of General Psychiatry</i> , 2009, 66, 431.	12.3	238
52	Nicotine Enhances Visuospatial Attention by Deactivating Areas of the Resting Brain Default Network. <i>Journal of Neuroscience</i> , 2007, 27, 3477-3489.	3.6	184
53	Neuroanatomical dissociation between bottom-up and top-down processes of visuospatial selective attention. <i>NeuroImage</i> , 2006, 32, 842-853.	4.2	205
54	Cingulate Hypoactivity in Cocaine Users During a GO-NOGO Task as Revealed by Event-Related Functional Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 2003, 23, 7839-7843.	3.6	518

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55	Cognitive Mechanisms of Nicotine on Visual Attention. <i>Neuron</i> , 2002, 36, 539-548.	8.1	298
56	Nicotine-Induced Limbic Cortical Activation in the Human Brain: A Functional MRI Study. <i>American Journal of Psychiatry</i> , 1998, 155, 1009-1015.	7.2	442