

# Samuel M McClure

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

13,770  
citations

94433

37  
h-index

102487

66  
g-index

78  
all docs

78  
docs citations

78  
times ranked

10339  
citing authors

#	ARTICLE	IF	CITATIONS
1	Separate Neural Systems Value Immediate and Delayed Monetary Rewards. <i>Science</i> , 2004, 306, 503-507.	12.6	3,548
2	Neural Correlates of Behavioral Preference for Culturally Familiar Drinks. <i>Neuron</i> , 2004, 44, 379-387.	8.1	1,086
3	Time Discounting for Primary Rewards. <i>Journal of Neuroscience</i> , 2007, 27, 5796-5804.	3.6	873
4	Temporal Prediction Errors in a Passive Learning Task Activate Human Striatum. <i>Neuron</i> , 2003, 38, 339-346.	8.1	856
5	BOLD Responses Reflecting Dopaminergic Signals in the Human Ventral Tegmental Area. <i>Science</i> , 2008, 319, 1264-1267.	12.6	831
6	Should I stay or should I go? How the human brain manages the trade-off between exploitation and exploration. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 933-942.	4.0	782
7	Predictability Modulates Human Brain Response to Reward. <i>Journal of Neuroscience</i> , 2001, 21, 2793-2798.	3.6	621
8	The Wick in the Candle of Learning. <i>Psychological Science</i> , 2009, 20, 963-973.	3.3	580
9	Neuroeconomics: cross-currents in research on decision-making. <i>Trends in Cognitive Sciences</i> , 2006, 10, 108-116.	7.8	498
10	The Neural Substrates of Reward Processing in Humans: The Modern Role of fMRI. <i>Neuroscientist</i> , 2004, 10, 260-268.	3.5	390
11	A computational substrate for incentive salience. <i>Trends in Neurosciences</i> , 2003, 26, 423-428.	8.6	369
12	Are executive function and impulsivity antipodes? A conceptual reconstruction with special reference to addiction. <i>Psychopharmacology</i> , 2012, 221, 361-387.	3.1	261
13	Adolescent impatience decreases with increased frontostriatal connectivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E3765-74.	7.1	203
14	Hierarchical control over effortful behavior by rodent medial frontal cortex: A computational model.. <i>Psychological Review</i> , 2015, 122, 54-83.	3.8	167
15	Patients with Schizophrenia have a Reduced Neural Response to Both Unpredictable and Predictable Primary Reinforcers. <i>Neuropsychopharmacology</i> , 2009, 34, 1567-1577.	5.4	166
16	Dynamic Gain Control of Dopamine Delivery in Freely Moving Animals. <i>Journal of Neuroscience</i> , 2004, 24, 1754-1759.	3.6	154
17	Connectivity Strength of Dissociable Striatal Tracts Predict Individual Differences in Temporal Discounting. <i>Journal of Neuroscience</i> , 2014, 34, 10298-10310.	3.6	147
18	A dual-systems perspective on addiction: contributions from neuroimaging and cognitive training. <i>Annals of the New York Academy of Sciences</i> , 2014, 1327, 62-78.	3.8	144

#	ARTICLE	IF	CITATIONS
19	Hunger Does Not Motivate Reward in Women Remitted from Anorexia Nervosa. <i>Biological Psychiatry</i> , 2015, 77, 642-652.	1.3	131
20	Anchors, scales and the relative coding of value in the brain. <i>Current Opinion in Neurobiology</i> , 2008, 18, 173-178.	4.2	124
21	A MECHANISM FOR REDUCING DELAY DISCOUNTING BY ALTERING TEMPORAL ATTENTION. <i>Journal of the Experimental Analysis of Behavior</i> , 2011, 96, 363-385.	1.1	115
22	TOWARDS A GENERAL MODEL OF TEMPORAL DISCOUNTING. <i>Journal of the Experimental Analysis of Behavior</i> , 2013, 99, 58-73.	1.1	107
23	Regions of the MPFC differentially tuned to social and nonsocial affective evaluation. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2007, 7, 309-316.	2.0	91
24	Distinct Midbrain and Habenula Pathways Are Involved in Processing Aversive Events in Humans. <i>Journal of Neuroscience</i> , 2015, 35, 198-208.	3.6	88
25	Age Differences in Striatal Delay Sensitivity during Intertemporal Choice in Healthy Adults. <i>Frontiers in Neuroscience</i> , 2011, 5, 126.	2.8	83
26	Adult age differences in frontostriatal representation of prediction error but not reward outcome. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2014, 14, 672-682.	2.0	81
27	Why more is better: Simultaneous modeling of EEG, fMRI, and behavioral data. <i>NeuroImage</i> , 2016, 128, 96-115.	4.2	81
28	Dissociating affective evaluation and social cognitive processes in the ventral medial prefrontal cortex. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2007, 7, 337-346.	2.0	71
29	Neural Correlates of Reinforcement Learning and Social Preferences in Competitive Bidding. <i>Journal of Neuroscience</i> , 2013, 33, 2137-2146.	3.6	70
30	Short-term memory traces for action bias in human reinforcement learning. <i>Brain Research</i> , 2007, 1153, 111-121.	2.2	65
31	Dissociating Motivation from Reward in Human Striatal Activity. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1075-1084.	2.3	65
32	Intertemporal Choice as Discounted Value Accumulation. <i>PLoS ONE</i> , 2014, 9, e90138.	2.5	62
33	High-definition tDCS alters impulsivity in a baseline-dependent manner. <i>NeuroImage</i> , 2016, 143, 343-352.	4.2	58
34	Policy Adjustment in a Dynamic Economic Game. <i>PLoS ONE</i> , 2006, 1, e103.	2.5	57
35	Training Cognition in ADHD: Current Findings, Borrowed Concepts, and Future Directions. <i>Neurotherapeutics</i> , 2012, 9, 542-558.	4.4	49
36	Theories of Willpower Affect Sustained Learning. <i>PLoS ONE</i> , 2012, 7, e38680.	2.5	49

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37	The neural basis of value accumulation in intertemporal choice. <i>European Journal of Neuroscience</i> , 2015, 42, 2179-2189.	2.6	47
38	More Is Meaningful: The Magnitude Effect in Intertemporal Choice Depends on Self-Control. <i>Psychological Science</i> , 2017, 28, 1443-1454.	3.3	46
39	On the Neural and Mechanistic Bases of Self-Control. <i>Cerebral Cortex</i> , 2019, 29, 732-750.	2.9	41
40	The neural basis of cultural differences in delay discounting. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 650-656.	4.0	40
41	Behavioral and neural correlates of increased self-control in the absence of increased willpower. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9786-9791.	7.1	40
42	Hippocampal pattern separation supports reinforcement learning. <i>Nature Communications</i> , 2019, 10, 1073.	12.8	38
43	On the functional form of temporal discounting: An optimized adaptive test. <i>Journal of Risk and Uncertainty</i> , 2016, 52, 233-254.	1.5	37
44	Joint modeling of reaction times and choice improves parameter identifiability in reinforcement learning models. <i>Journal of Neuroscience Methods</i> , 2019, 317, 37-44.	2.5	37
45	Pyrrhic victories: the need for social status drives costly competitive behavior. <i>Frontiers in Neuroscience</i> , 2013, 7, 189.	2.8	32
46	The value of victory: social origins of the winner's curse in common value auctions. <i>Judgment and Decision Making</i> , 2008, 3, 483-492.	1.4	31
47	The Decimal Effect: Behavioral and Neural Bases for a Novel Influence on Intertemporal Choice in Healthy Individuals and in ADHD. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2455-2468.	2.3	26
48	Temporal Difference Error Prediction Signal Dysregulation in Cocaine Dependence. <i>Neuropsychopharmacology</i> , 2014, 39, 1732-1742.	5.4	25
49	Overcoming Bias: Cognitive Control Reduces Susceptibility to Framing Effects in Evaluating Musical Performance. <i>Scientific Reports</i> , 2018, 8, 6229.	3.3	24
50	Beyond Reward Prediction Errors: Human Striatum Updates Rule Values During Learning. <i>Cerebral Cortex</i> , 2018, 28, 3965-3975.	2.9	24
51	Choosing Money over Drugs: The Neural Underpinnings of Difficult Choice in Chronic Cocaine Users. <i>Journal of Addiction</i> , 2014, 2014, 1-14.	0.9	21
52	Neural correlates underlying the effect of reward value on recognition memory. <i>NeuroImage</i> , 2020, 206, 116296.	4.2	21
53	Individual differences in value-directed remembering. <i>Cognition</i> , 2020, 201, 104275.	2.2	17
54	The effect of cognitive challenge on delay discounting. <i>NeuroImage</i> , 2016, 124, 733-739.	4.2	13

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55	Victory is its own reward: oxytocin increases costly competitive behavior in schizophrenia. <i>Psychological Medicine</i> , 2020, 50, 674-682.	4.5	11
56	Causal Evidence for the Dependence of the Magnitude Effect on Dorsolateral Prefrontal Cortex. <i>Scientific Reports</i> , 2018, 8, 16545.	3.3	10
57	Neural basis of working memory in ADHD: Load versus complexity. <i>NeuroImage: Clinical</i> , 2021, 30, 102662.	2.7	9
58	Dimensions of childhood trauma and their direct and indirect links to PTSD, impaired control over drinking, and alcohol-related-problems. <i>Addictive Behaviors Reports</i> , 2020, 12, 100304.	1.9	7
59	Limbic and Executive Meso- and Nigrostriatal Tracts Predict Impulsivity Differences in Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2022, 7, 415-423.	1.5	7
60	The Wick in the Candle of Learning: Epistemic Curiosity Activates Reward Circuitry and Enhances Memory. <i>SSRN Electronic Journal</i> , 2008, , .	0.4	6
61	Mere Exposure: Preference Change for Novel Drinks Reflected in Human Ventral Tegmental Area. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 793-804.	2.3	6
62	Learning concepts when instances never repeat. <i>Memory and Cognition</i> , 2019, 47, 395-411.	1.6	5
63	Resting-State Functional Connectivity Differences in College Students with and without Food Insecurity. <i>Nutrients</i> , 2022, 14, 2064.	4.1	5
64	Attentional Modulation of Brain Responses to Primary Appetitive and Aversive Stimuli. <i>PLoS ONE</i> , 2015, 10, e0130880.	2.5	4
65	Neuroeconomics and Addiction. , 2013, , 413-423.		4
66	Unsparring self-critique strengthens the field, but Bailey et al. overstate the "problems with delay discounting"™. <i>Psychological Medicine</i> , 2022, , 1-2.	4.5	4
67	Reinforcer pathology in cocaine use disorder: Temporal window determines cocaine valuation. <i>Drug and Alcohol Dependence</i> , 2021, 225, 108795.	3.2	3
68	Satiety does not alter the ventral striatum's response to immediate reward in bulimia nervosa.. <i>Journal of Abnormal Psychology</i> , 2021, 130, 862-874.	1.9	1
69	Decision Neuroscience. , 2013, , .		0
70	Computational neuroimaging. , 2009, , 229-247.		0