

# Matthew T Sutherland

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

3,526  
citations

304743

22  
h-index

182427

51  
g-index

67  
all docs

67  
docs citations

67  
times ranked

4243  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Adolescent Brain Cognitive Development (ABCD) study: Imaging acquisition across 21 sites. <i>Developmental Cognitive Neuroscience</i> , 2018, 32, 43-54.	4.0	1,282
2	Image processing and analysis methods for the Adolescent Brain Cognitive Development Study. <i>NeuroImage</i> , 2019, 202, 116091.	4.2	539
3	Resting state functional connectivity in addiction: Lessons learned and a road ahead. <i>NeuroImage</i> , 2012, 62, 2281-2295.	4.2	421
4	No evidence for a bilingual executive function advantage in the ABCD study. <i>Nature Human Behaviour</i> , 2019, 3, 692-701.	12.0	126
5	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
6	Chronic cigarette smoking is linked with structural alterations in brain regions showing acute nicotinic drug-induced functional modulations. <i>Behavioral and Brain Functions</i> , 2016, 12, 16.	3.3	88
7	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
8	Meta-analytic connectivity and behavioral parcellation of the human cerebellum. <i>NeuroImage</i> , 2015, 117, 327-342.	4.2	63
9	Neuroimaging meta-analysis of cannabis use studies reveals convergent functional alterations in brain regions supporting cognitive control and reward processing. <i>Journal of Psychopharmacology</i> , 2018, 32, 283-295.	4.0	54
10	Neurobiological Impact of Nicotinic Acetylcholine Receptor Agonists: An Activation Likelihood Estimation Meta-Analysis of Pharmacologic Neuroimaging Studies. <i>Biological Psychiatry</i> , 2015, 78, 711-720.	1.3	46
11	Correspondence Between Perceived Pubertal Development and Hormone Levels in 9-10 Year-Olds From the Adolescent Brain Cognitive Development Study. <i>Frontiers in Endocrinology</i> , 2020, 11, 549928.	3.5	45
12	Cooperating yet distinct brain networks engaged during naturalistic paradigms: A meta-analysis of functional MRI results. <i>Network Neuroscience</i> , 2019, 3, 27-48.	2.6	41
13	Neural Signatures of Cognitive Flexibility and Reward Sensitivity Following Nicotinic Receptor Stimulation in Dependent Smokers. <i>JAMA Psychiatry</i> , 2017, 74, 632.	11.0	38
14	Dissociable meta-analytic brain networks contribute to coordinated emotional processing. <i>Human Brain Mapping</i> , 2018, 39, 2514-2531.	3.6	35
15	Effects of cannabinoid administration for pain: A meta-analysis and meta-regression.. <i>Experimental and Clinical Psychopharmacology</i> , 2019, 27, 370-382.	1.8	34
16	Reward Anticipation Is Differentially Modulated by Varenicline and Nicotine in Smokers. <i>Neuropsychopharmacology</i> , 2015, 40, 2038-2046.	5.4	32
17	Functional Neurocircuits and Neuroimaging Biomarkers of Tobacco Use Disorder. <i>Trends in Molecular Medicine</i> , 2018, 24, 129-143.	6.7	32
18	Meta-analytic evidence for a core problem solving network across multiple representational domains. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 92, 318-337.	6.1	32

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19	The cue-reactivity paradigm: An ensemble of networks driving attention and cognition when viewing drug and natural reward-related stimuli. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 130, 201-213.	6.1	32
20	Common and distinct brain activity associated with risky and ambiguous decision-making. <i>Drug and Alcohol Dependence</i> , 2020, 209, 107884.	3.2	31
21	Neural architecture underlying classification of face perception paradigms. <i>NeuroImage</i> , 2015, 119, 70-80.	4.2	28
22	Rates of Incidental Findings in Brain Magnetic Resonance Imaging in Children. <i>JAMA Neurology</i> , 2021, 78, 578.	9.0	28
23	Reward Processing in Children With Disruptive Behavior Disorders and Callous-Unemotional Traits in the ABCD Study. <i>American Journal of Psychiatry</i> , 2021, 178, 333-342.	7.2	25
24	Greater externalizing personality traits predict less error-related insula and anterior cingulate cortex activity in acutely abstinent cigarette smokers. <i>Addiction Biology</i> , 2015, 20, 377-389.	2.6	24
25	Do Parents Still Matter? The Impact of Parents and Peers on Adolescent Electronic Cigarette Use. <i>Journal of Adolescent Health</i> , 2021, 68, 780-786.	2.5	24
26	Individual differences in amygdala reactivity following nicotinic receptor stimulation in abstinent smokers. <i>NeuroImage</i> , 2013, 66, 585-593.	4.2	23
27	Meta-analytic clustering dissociates brain activity and behavior profiles across reward processing paradigms. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2020, 20, 215-235.	2.0	18
28	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
29	Disruptive Behavior Problems, Callous-Unemotional Traits, and Regional Gray Matter Volume in the Adolescent Brain and Cognitive Development Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 481-489.	1.5	14
30	Predictors of nicotine dependence among adolescent waterpipe and cigarette smokers: A 6-year longitudinal analysis. <i>Drug and Alcohol Dependence</i> , 2020, 217, 108346.	3.2	12
31	Toward a Neurobiological Basis for Understanding Learning in University Modeling Instruction Physics Courses. <i>Frontiers in ICT</i> , 2018, 5, .	3.6	9
32	Brain activity links performance in science reasoning with conceptual approach. <i>Npj Science of Learning</i> , 2019, 4, 20.	2.8	8
33	A preliminary validation of the adolescent e-cigarette consequences questionnaire. <i>Drug and Alcohol Dependence</i> , 2020, 213, 108118.	3.2	8
34	Changes in harm perception of ENDS and their predictors among US adolescents: findings from the population assessment of tobacco and health (PATH) study, 2013-2018. <i>Preventive Medicine</i> , 2022, 155, 106957.	3.4	8
35	The Impact of COVID-19 Experiences on Adolescent Internalizing Problems and Substance Use Among a Predominantly Latinx Sample. <i>Journal of Youth and Adolescence</i> , 2022, 51, 821-831.	3.5	8
36	Automated, Efficient, and Accelerated Knowledge Modeling of the Cognitive Neuroimaging Literature Using the ATHENA Toolkit. <i>Frontiers in Neuroscience</i> , 2019, 13, 494.	2.8	7

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37	Heterogeneous fractionation profiles of meta-analytic coactivation networks. <i>NeuroImage</i> , 2017, 149, 424-435.	4.2	6
38	Altered hippocampal microstructure and function in children who experienced Hurricane Irma. <i>Developmental Psychobiology</i> , 2021, 63, 864-877.	1.6	5
39	Neural vulnerability and hurricane-related media are associated with post-traumatic stress in youth. <i>Nature Human Behaviour</i> , 2021, 5, 1578-1589.	12.0	5
40	Prevalence and Predictors of Waterpipe Smoking Initiation and Progression Among Adolescents and Young Adults in Waves 1â€“4 (2013â€“2018) of the Population Assessment of Tobacco and Health (PATH) Study. <i>Nicotine and Tobacco Research</i> , 2022, 24, 1281-1290.	2.6	5
41	Alexithymia mediates the association between childhood trauma and adolescent E-cigarette use. <i>Drug and Alcohol Dependence</i> , 2022, 236, 109500.	3.2	5
42	Higher Trait Psychopathy Is Associated with Increased Risky Decision-Making and Less Coincident Insula and Striatal Activity. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 245.	2.0	4
43	Sex differences in brain correlates of STEM anxiety. <i>Npj Science of Learning</i> , 2019, 4, 18.	2.8	4
44	Neural response to monetary loss among youth with disruptive behavior disorders and callous-unemotional traits in the ABCD study. <i>NeuroImage: Clinical</i> , 2021, 32, 102810.	2.7	3
45	Interactive Effects of HIV Infection and Cannabis Use on Insula Subregion Functional Connectivity. <i>Journal of Neuroimmune Pharmacology</i> , 2022, 17, 289-304.	4.1	2
46	Altered large-scale brain network interactions associated with HIV infection and error processing. <i>Network Neuroscience</i> , 2022, 6, 791-815.	2.6	2
47	Risky decision-making strategies mediate the relationship between amygdala activity and real-world financial savings among individuals from lower income households: A pilot study. <i>Behavioural Brain Research</i> , 2022, 428, 113867.	2.2	2
48	Risk factors for early use of e-cigarettes and alcohol: Dimensions and profiles of temperament. <i>Development and Psychopathology</i> , 2021, , 1-13.	2.3	2
49	HIV infection is linked with reduced error-related default mode network suppression and poorer medication management abilities. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 111, 110398.	4.8	1
50	Towards an Understanding of Low-Income Individualsâ€™ Financial Resiliency: Exploration of Risk Preferences, Personality Traits, and Savings Behavior. <i>Journal of Economics and Behavioral Studies</i> , 2021, 13, 32-54.	0.3	0