Sahil Bajaj

List of Publications by Year
in descending order

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56 papers	752 citations	516710 16 h-index	580821 25 g-index
57 all docs	57 docs citations	57 times ranked	1072 citing authors

#	Article	IF	Citations
1	Dysfunction in differential reward-punishment responsiveness in conduct disorder relates to severity of callous-unemotional traits but not irritability. Psychological Medicine, 2023, 53, 1870-1880.	4.5	8
2	Different forms of childhood maltreatment have different impacts on the neural systems involved in the representation of reinforcement value. Developmental Cognitive Neuroscience, 2022, 53, 101051.	4.0	8
3	Reduced cortical volume of the default mode network in adolescents with generalized anxiety disorder. Depression and Anxiety, 2022, 39, 485-495.	4.1	8
4	Future directions for cognitive neuroscience in psychiatry: recommendations for biomarker design based on recent test re-test reliability work. Current Opinion in Behavioral Sciences, 2022, 44, 101102.	3.9	6
5	Exposure to Blue Wavelength Light Is Associated With Increases in Bidirectional Amygdala-DLPFC Connectivity at Rest. Frontiers in Neurology, 2021, 12, 625443.	2.4	8
6	Reduced neural differentiation of rewards and punishment during passive avoidance learning in adolescents with generalized anxiety disorder. Depression and Anxiety, 2021, 38, 794-803.	4.1	8
7	Individual associations of adolescent alcohol use disorder versus cannabis use disorder symptoms in neural prediction error signaling and the response to novelty. Developmental Cognitive Neuroscience, 2021, 48, 100944.	4.0	13
8	Association between emotional intelligence and effective brain connectome: A large-scale spectral DCM study. NeuroImage, 2021, 229, 117750.	4.2	15
9	Alcohol Use Disorder and Cannabis Use Disorder Symptomatology in Adolescents and Aggression: Associations With Recruitment of Neural Regions Implicated in Retaliation. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2021, 6, 536-544.	1.5	10
10	Dysfunction in Differential Reward-Punishment Responsiveness in Conduct Disorder Relates to Severity of Callous-Unemotional Traits but Not Irritability. Biological Psychiatry, 2021, 89, S124.	1.3	1
11	Structural Abnormality of Superior Frontal Gyrus in Adolescents With Severe Irritability. Biological Psychiatry, 2021, 89, S188.	1.3	0
12	Reduced neural responsiveness to looming stimuli is associated with increased aggression. Social Cognitive and Affective Neuroscience, 2021, 16, 1091-1099.	3.0	2
13	Association Between Network-Wise Surface-Based Morphometry and Irritability in Adolescents. Biological Psychiatry, 2021, 89, S228.	1.3	0
14	Disrupted Neural Networks in Adolescents With Generalized Anxiety Disorder During Passive Avoidance Learning. Biological Psychiatry, 2021, 89, S329.	1.3	1
15	Structural atrophy of the right superior frontal gyrus in adolescents with severe irritability. Human Brain Mapping, 2021, 42, 4611-4622.	3.6	7
16	Alcohol and Cannabis Use Disorder Symptom Severity, Conduct Disorder, and Callous-Unemotional Traits and Impairment in Expression Recognition. Frontiers in Psychiatry, 2021, 12, 714189.	2.6	4
17	Blue-Light Therapy Strengthens Resting-State Effective Connectivity within Default-Mode Network after Mild TBI. Journal of Central Nervous System Disease, 2021, 13, 117957352110150.	1.9	7
18	Network-wise surface-based morphometric insight into the cortical neural circuitry underlying irritability in adolescents. Translational Psychiatry, 2021, 11, 581.	4.8	2

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19	Callous-Unemotional Traits Moderate the Relationship Between Irritability and Threatening Responding. Frontiers in Psychiatry, 2021, 12, 617052.	2.6	4
20	Sex differences in limbic network and riskâ€taking propensity in healthy individuals. Journal of Neuroscience Research, 2020, 98, 371-383.	2.9	9
21	A randomized, double-blind, placebo-controlled trial of blue wavelength light exposure on sleep and recovery of brain structure, function, and cognition following mild traumatic brain injury. Neurobiology of Disease, 2020, 134, 104679.	4.4	57
22	0070 The Effects of Acute Blue Wavelength Light Exposure on Functional Brain Connectivity and Mood. Sleep, 2020, 43, A28-A29.	1.1	0
23	Different Forms of Childhood Maltreatment Have Different Impacts on the Neural Systems Involved in the Representation of Reinforcement Value. Biological Psychiatry, 2020, 87, S160.	1.3	0
24	Impact of Sleep Quality on the Association Between Unease and Physical Exercise During Initial Stages of COVID-19 Pandemic in India . Nature and Science of Sleep, 2020, Volume 12, 705-708.	2.7	4
25	Blue Wavelength Light and its Effects on Functional Brain Connectivity. Biological Psychiatry, 2020, 87, S146.	1.3	0
26	Worry and insomnia as risk factors for depression during initial stages of COVID-19 pandemic in India. PLoS ONE, 2020, 15, e0243527.	2.5	25
27	The Role of Prefrontal Cortical Surface Area and Volume in Preclinical Suicidal Ideation in a Non-Clinical Sample. Frontiers in Psychiatry, 2019, 10, 445.	2.6	5
28	0935 Daily Blue Light Therapy Reduces Daytime Sleepiness and Post-concussion Symptoms After Mild Traumatic Brain Injury. Sleep, 2019, 42, A376-A376.	1.1	1
29	Vulnerability to mood degradation during sleep deprivation is influenced by white-matter compactness of the triple-network model. NeuroImage, 2019, 202, 116123.	4.2	6
30	0121 Quantitative Anisotropy Within The Default-mode Network Predicts Mood Degradation Following Sleep-deprivation. Sleep, 2019, 42, A50-A50.	1.1	1
31	The Mediating Role of Interpretation Bias on the Relationship Between Trait Gratitude and Depressive Symptoms. International Journal of Applied Positive Psychology, 2019, 4, 135-147.	2.3	1
32	Timeâ€dependent differences in cortical measures and their associations with behavioral measures following mild traumatic brain injury. Human Brain Mapping, 2018, 39, 1886-1897.	3.6	12
33	Chronic sleep restriction differentially affects implicit biases toward food among men and women: preliminary evidence. Journal of Sleep Research, 2018, 27, e12629.	3.2	9
34	Greater cortical thickness within the limbic visceromotor network predicts higher levels of trait emotional awareness. Consciousness and Cognition, 2018, 57, 54-61.	1.5	22
35	Elevated Aggression and Reduced White Matter Integrity in Mild Traumatic Brain Injury: A DTI Study. Frontiers in Behavioral Neuroscience, 2018, 12, 118.	2.0	24
36	Diffusion Tensor Imaging (DTI) Correlates of Self-Reported Sleep Quality and Depression Following Mild Traumatic Brain Injury. Frontiers in Neurology, 2018, 9, 468.	2.4	32

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37	The Relationship Between General Intelligence and Cortical Structure in Healthy Individuals. Neuroscience, 2018, 388, 36-44.	2.3	26
38	651. Effect of Bright Light Therapy on White Matter Abnormalities following a Mild Traumatic Brain Injury. Biological Psychiatry, 2017, 81, S264.	1.3	0
39	952. Light Therapy Facilitates Thalamo-Cortical Brain Recovery from Mild Traumatic Brain Injury. Biological Psychiatry, 2017, 81, S385.	1.3	0
40	1171 SHORT-WAVELENGTH LIGHT THERAPY AS AÂWAY OF IMPROVING SLEEP, COGNITION, AND FUNCTIONAL CONNECTIVITY FOLLOWING AÂMILD TRAUMATIC BRAIN INJURY. Sleep, 2017, 40, A437-A437.	1.1	0
41	Chronic Sleep Restriction Increases Negative Implicit Attitudes Toward Arab Muslims. Scientific Reports, 2017, 7, 4285.	3.3	17
42	538. Blue Light Therapy following a Mild Traumatic Brain Injury Improves MPFC-Amygdala Functional Connectivity and Mood. Biological Psychiatry, 2017, 81, S218.	1.3	4
43	1143 SHORT WAVELENGTH LIGHT THERAPY FACILITATES RECOVERY FROM MILD TRAUMATIC BRAIN INJURY. Sleep, 2017, 40, A426-A427.	1.1	1
44	1172 EFFECT OF BRIGHT LIGHT THERAPY ON BRAIN AND BEHAVIORAL ABNORMALITIES FOLLOWING AÂMILD TRAUMATIC BRAIN INJURY. Sleep, 2017, 40, A437-A437.	1.1	0
45	Brain Aging: Uncovering Cortical Characteristics of Healthy Aging in Young Adults. Frontiers in Aging Neuroscience, 2017, 9, 412.	3.4	28
46	Blue-Light Therapy following Mild Traumatic Brain Injury: Effects on White Matter Water Diffusion in the Brain. Frontiers in Neurology, 2017, 8, 616.	2.4	25
47	Acute exposure to blue wavelength light during memory consolidation improves verbal memory performance. PLoS ONE, 2017, 12, e0184884.	2.5	33
48	Dominance of the Unaffected Hemisphere Motor Network and Its Role in the Behavior of Chronic Stroke Survivors. Frontiers in Human Neuroscience, 2016, 10, 650.	2.0	25
49	P1â€277: Older Healthy People Have Increased Vascular Permeability in Regions Showing â€˜Offâ€Targetâ€™ [¹⁸F]AVâ€1451 UPTAKE. Alzheimer's and Dementia, 2016, 12, P523.	0.8	1
50	Bridging the Gap: Dynamic Causal Modeling and Granger Causality Analysis of Resting State Functional Magnetic Resonance Imaging. Brain Connectivity, 2016, 6, 652-661.	1.7	39
51	Quantitative Analysis of 3D T1â€Weighted Gadolinium (Gd) DCEâ€MRI with Different Repetition Times. Lecture Notes in Computer Science, 2016, , 259-268.	1.3	0
52	Brain effective connectivity during motor-imagery and execution following stroke and rehabilitation. NeuroImage: Clinical, 2015, 8, 572-582.	2.7	98
53	Functional organization and restoration of the brain motor-execution network after stroke and rehabilitation. Frontiers in Human Neuroscience, 2015, 9, 173.	2.0	56
54	Oscillatory motor network activity during rest and movement: an fNIRS study. Frontiers in Systems Neuroscience, 2014, 8, 13.	2.5	40

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55	Amygdala Mediated Connectivity in Perceptual Decision-Making of Emotional Facial Expressions. Brain Connectivity, 2013, 3, 386-397.	1.7	12
56	Higher Frequency Network Activity Flow Predicts Lower Frequency Node Activity in Intrinsic Low-Frequency BOLD Fluctuations. PLoS ONE, 2013, 8, e64466.	2.5	27