

# Sahil Bajaj

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Brain effective connectivity during motor-imagery and execution following stroke and rehabilitation. <i>NeuroImage: Clinical</i> , 2015, 8, 572-582.	2.7	98
2	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. <i>Neurobiology of Disease</i> , 2020, 134, 104679.	4.4	57
3	Functional organization and restoration of the brain motor-execution network after stroke and rehabilitation. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 173.	2.0	56
4	Oscillatory motor network activity during rest and movement: an fNIRS study. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 13.	2.5	40
5	Bridging the Gap: Dynamic Causal Modeling and Granger Causality Analysis of Resting State Functional Magnetic Resonance Imaging. <i>Brain Connectivity</i> , 2016, 6, 652-661.	1.7	39
6	Acute exposure to blue wavelength light during memory consolidation improves verbal memory performance. <i>PLoS ONE</i> , 2017, 12, e0184884.	2.5	33
7	Diffusion Tensor Imaging (DTI) Correlates of Self-Reported Sleep Quality and Depression Following Mild Traumatic Brain Injury. <i>Frontiers in Neurology</i> , 2018, 9, 468.	2.4	32
8	Brain Aging: Uncovering Cortical Characteristics of Healthy Aging in Young Adults. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 412.	3.4	28
9	Higher Frequency Network Activity Flow Predicts Lower Frequency Node Activity in Intrinsic Low-Frequency BOLD Fluctuations. <i>PLoS ONE</i> , 2013, 8, e64466.	2.5	27
10	The Relationship Between General Intelligence and Cortical Structure in Healthy Individuals. <i>Neuroscience</i> , 2018, 388, 36-44.	2.3	26
11	Dominance of the Unaffected Hemisphere Motor Network and Its Role in the Behavior of Chronic Stroke Survivors. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 650.	2.0	25
12	Blue-Light Therapy following Mild Traumatic Brain Injury: Effects on White Matter Water Diffusion in the Brain. <i>Frontiers in Neurology</i> , 2017, 8, 616.	2.4	25
13	Worry and insomnia as risk factors for depression during initial stages of COVID-19 pandemic in India. <i>PLoS ONE</i> , 2020, 15, e0243527.	2.5	25
14	Elevated Aggression and Reduced White Matter Integrity in Mild Traumatic Brain Injury: A DTI Study. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 118.	2.0	24
15	Greater cortical thickness within the limbic visceromotor network predicts higher levels of trait emotional awareness. <i>Consciousness and Cognition</i> , 2018, 57, 54-61.	1.5	22
16	Chronic Sleep Restriction Increases Negative Implicit Attitudes Toward Arab Muslims. <i>Scientific Reports</i> , 2017, 7, 4285.	3.3	17
17	Association between emotional intelligence and effective brain connectome: A large-scale spectral DCM study. <i>NeuroImage</i> , 2021, 229, 117750.	4.2	15
18	Individual associations of adolescent alcohol use disorder versus cannabis use disorder symptoms in neural prediction error signaling and the response to novelty. <i>Developmental Cognitive Neuroscience</i> , 2021, 48, 100944.	4.0	13

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19	Amygdala Mediated Connectivity in Perceptual Decision-Making of Emotional Facial Expressions. <i>Brain Connectivity</i> , 2013, 3, 386-397.	1.7	12
20	Time-dependent differences in cortical measures and their associations with behavioral measures following mild traumatic brain injury. <i>Human Brain Mapping</i> , 2018, 39, 1886-1897.	3.6	12
21	Alcohol Use Disorder and Cannabis Use Disorder Symptomatology in Adolescents and Aggression: Associations With Recruitment of Neural Regions Implicated in Retaliation. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 6, 536-544.	1.5	10
22	Chronic sleep restriction differentially affects implicit biases toward food among men and women: preliminary evidence. <i>Journal of Sleep Research</i> , 2018, 27, e12629.	3.2	9
23	Sex differences in limbic network and risk-taking propensity in healthy individuals. <i>Journal of Neuroscience Research</i> , 2020, 98, 371-383.	2.9	9
24	Exposure to Blue Wavelength Light Is Associated With Increases in Bidirectional Amygdala-DLPFC Connectivity at Rest. <i>Frontiers in Neurology</i> , 2021, 12, 625443.	2.4	8
25	Reduced neural differentiation of rewards and punishment during passive avoidance learning in adolescents with generalized anxiety disorder. <i>Depression and Anxiety</i> , 2021, 38, 794-803.	4.1	8
26	Dysfunction in differential reward-punishment responsiveness in conduct disorder relates to severity of callous-unemotional traits but not irritability. <i>Psychological Medicine</i> , 2023, 53, 1870-1880.	4.5	8
27	Different forms of childhood maltreatment have different impacts on the neural systems involved in the representation of reinforcement value. <i>Developmental Cognitive Neuroscience</i> , 2022, 53, 101051.	4.0	8
28	Reduced cortical volume of the default mode network in adolescents with generalized anxiety disorder. <i>Depression and Anxiety</i> , 2022, 39, 485-495.	4.1	8
29	Structural atrophy of the right superior frontal gyrus in adolescents with severe irritability. <i>Human Brain Mapping</i> , 2021, 42, 4611-4622.	3.6	7
30	Blue-Light Therapy Strengthens Resting-State Effective Connectivity within Default-Mode Network after Mild TBI. <i>Journal of Central Nervous System Disease</i> , 2021, 13, 117957352110150.	1.9	7
31	Vulnerability to mood degradation during sleep deprivation is influenced by white-matter compactness of the triple-network model. <i>NeuroImage</i> , 2019, 202, 116123.	4.2	6
32	Future directions for cognitive neuroscience in psychiatry: recommendations for biomarker design based on recent test re-test reliability work. <i>Current Opinion in Behavioral Sciences</i> , 2022, 44, 101102.	3.9	6
33	The Role of Prefrontal Cortical Surface Area and Volume in Preclinical Suicidal Ideation in a Non-Clinical Sample. <i>Frontiers in Psychiatry</i> , 2019, 10, 445.	2.6	5
34	538. Blue Light Therapy following a Mild Traumatic Brain Injury Improves MPFC-Amygdala Functional Connectivity and Mood. <i>Biological Psychiatry</i> , 2017, 81, S218.	1.3	4
35	&lt;p&gt;Impact of Sleep Quality on the Association Between Unease and Physical Exercise During Initial Stages of COVID-19 Pandemic in India&lt;/p&gt;. <i>Nature and Science of Sleep</i> , 2020, Volume 12, 705-708.	2.7	4
36	Alcohol and Cannabis Use Disorder Symptom Severity, Conduct Disorder, and Callous-Unemotional Traits and Impairment in Expression Recognition. <i>Frontiers in Psychiatry</i> , 2021, 12, 714189.	2.6	4

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37	Callous-Unemotional Traits Moderate the Relationship Between Irritability and Threatening Responding. <i>Frontiers in Psychiatry</i> , 2021, 12, 617052.	2.6	4
38	Reduced neural responsiveness to looming stimuli is associated with increased aggression. <i>Social Cognitive and Affective Neuroscience</i> , 2021, 16, 1091-1099.	3.0	2
39	Network-wise surface-based morphometric insight into the cortical neural circuitry underlying irritability in adolescents. <i>Translational Psychiatry</i> , 2021, 11, 581.	4.8	2
40	P1â€²77: Older Healthy People Have Increased Vascular Permeability in Regions Showing â€œOffâ€¢targetâ€¢™ [ <sup>18</sup> F]AVâ€¢1451 UPTAKE. <i>Alzheimer's and Dementia</i> , 2016, 12, P523.	0.8	1
41	1143 SHORT WAVELENGTH LIGHT THERAPY FACILITATES RECOVERY FROM MILD TRAUMATIC BRAIN INJURY. <i>Sleep</i> , 2017, 40, A426-A427.	1.1	1
42	0935 Daily Blue Light Therapy Reduces Daytime Sleepiness and Post-concussion Symptoms After Mild Traumatic Brain Injury. <i>Sleep</i> , 2019, 42, A376-A376.	1.1	1
43	0121 Quantitative Anisotropy Within The Default-mode Network Predicts Mood Degradation Following Sleep-deprivation. <i>Sleep</i> , 2019, 42, A50-A50.	1.1	1
44	The Mediating Role of Interpretation Bias on the Relationship Between Trait Gratitude and Depressive Symptoms. <i>International Journal of Applied Positive Psychology</i> , 2019, 4, 135-147.	2.3	1
45	Dysfunction in Differential Reward-Punishment Responsiveness in Conduct Disorder Relates to Severity of Callous-Unemotional Traits but Not Irritability. <i>Biological Psychiatry</i> , 2021, 89, S124.	1.3	1
46	Disrupted Neural Networks in Adolescents With Generalized Anxiety Disorder During Passive Avoidance Learning. <i>Biological Psychiatry</i> , 2021, 89, S329.	1.3	1
47	651. Effect of Bright Light Therapy on White Matter Abnormalities following a Mild Traumatic Brain Injury. <i>Biological Psychiatry</i> , 2017, 81, S264.	1.3	0
48	952. Light Therapy Facilitates Thalamo-Cortical Brain Recovery from Mild Traumatic Brain Injury. <i>Biological Psychiatry</i> , 2017, 81, S385.	1.3	0
49	1171 SHORT-WAVELENGTH LIGHT THERAPY AS A WAY OF IMPROVING SLEEP, COGNITION, AND FUNCTIONAL CONNECTIVITY FOLLOWING A MILD TRAUMATIC BRAIN INJURY. <i>Sleep</i> , 2017, 40, A437-A437.	1.1	0
50	1172 EFFECT OF BRIGHT LIGHT THERAPY ON BRAIN AND BEHAVIORAL ABNORMALITIES FOLLOWING A MILD TRAUMATIC BRAIN INJURY. <i>Sleep</i> , 2017, 40, A437-A437.	1.1	0
51	0070 The Effects of Acute Blue Wavelength Light Exposure on Functional Brain Connectivity and Mood. <i>Sleep</i> , 2020, 43, A28-A29.	1.1	0
52	Different Forms of Childhood Maltreatment Have Different Impacts on the Neural Systems Involved in the Representation of Reinforcement Value. <i>Biological Psychiatry</i> , 2020, 87, S160.	1.3	0
53	Blue Wavelength Light and its Effects on Functional Brain Connectivity. <i>Biological Psychiatry</i> , 2020, 87, S146.	1.3	0
54	Structural Abnormality of Superior Frontal Gyus in Adolescents With Severe Irritability. <i>Biological Psychiatry</i> , 2021, 89, S188.	1.3	0

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55	Association Between Network-Wise Surface-Based Morphometry and Irritability in Adolescents. <i>Biological Psychiatry</i> , 2021, 89, S228.	1.3	0
56	Quantitative Analysis of 3D T1-Weighted Gadolinium (Gd) DCE-MRI with Different Repetition Times. <i>Lecture Notes in Computer Science</i> , 2016, , 259-268.	1.3	0