

# Julian Macoveanu

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56

papers

966

citations

18

h-index

30

g-index

66

ext. papers

1,137

ext. citations

4.7

avg. IF

4.17

L-index

#	Paper	IF	Citations
56	Brain activity related to working memory and distraction in children and adults. <i>Cerebral Cortex</i> , <b>2007</b> , 17, 1047-54	5.1	133
55	Stronger synaptic connectivity as a mechanism behind development of working memory-related brain activity during childhood. <i>Journal of Cognitive Neuroscience</i> , <b>2007</b> , 19, 750-60	3.1	90
54	Effects of Erythropoietin on Hippocampal Volume and Memory in Mood Disorders. <i>Biological Psychiatry</i> , <b>2015</b> , 78, 270-7	7.9	65
53	The Center for Integrated Molecular Brain Imaging (Cimbi) database. <i>NeuroImage</i> , <b>2016</b> , 124, 1213-1219	7.9	57
52	The catechol-O-methyltransferase (COMT) Val158Met genotype modulates working memory-related dorsolateral prefrontal response and performance in bipolar disorder. <i>Bipolar Disorders</i> , <b>2017</b> , 19, 214-224	3.8	41
51	Sex-Steroid Hormone Manipulation Reduces Brain Response to Reward. <i>Neuropsychopharmacology</i> , <b>2016</b> , 41, 1057-65	8.7	37
50	Effects of erythropoietin on depressive symptoms and neurocognitive deficits in depression and bipolar disorder. <i>Trials</i> , <b>2010</b> , 11, 97	2.8	34
49	Playing it safe but losing anyway--serotonergic signaling of negative outcomes in dorsomedial prefrontal cortex in the context of risk-aversion. <i>European Neuropsychopharmacology</i> , <b>2013</b> , 23, 919-30	1.2	33
48	Serotonergic modulation of reward and punishment: evidence from pharmacological fMRI studies. <i>Brain Research</i> , <b>2014</b> , 1556, 19-27	3.7	33
47	A biophysical model of multiple-item working memory: a computational and neuroimaging study. <i>Neuroscience</i> , <b>2006</b> , 141, 1611-8	3.9	33
46	Serotonin 2A receptors, citalopram and tryptophan-depletion: a multimodal imaging study of their interactions during response inhibition. <i>Neuropsychopharmacology</i> , <b>2013</b> , 38, 996-1005	8.7	32
45	Different neural and cognitive response to emotional faces in healthy monozygotic twins at risk of depression. <i>Psychological Medicine</i> , <b>2015</b> , 45, 1447-58	6.9	30
44	Acute pharmacologically induced shifts in serotonin availability abolish emotion-selective responses to negative face emotions in distinct brain networks. <i>European Neuropsychopharmacology</i> , <b>2013</b> , 23, 368-78	1.2	29
43	Serotonin 2A receptors contribute to the regulation of risk-averse decisions. <i>NeuroImage</i> , <b>2013</b> , 83, 35-44	4.9	28
42	Neural correlates of improved executive function following erythropoietin treatment in mood disorders. <i>Psychological Medicine</i> , <b>2016</b> , 46, 1679-91	6.9	27
41	Neural response during emotion regulation in monozygotic twins at high familial risk of affective disorders. <i>NeuroImage: Clinical</i> , <b>2019</b> , 21, 101598	5.3	27
40	Effects of erythropoietin on memory-relevant neurocircuitry activity and recall in mood disorders. <i>Acta Psychiatrica Scandinavica</i> , <b>2016</b> , 134, 249-59	6.5	21

39	Structural changes in the hippocampus as a biomarker for cognitive improvements in neuropsychiatric disorders: A systematic review. <i>European Neuropsychopharmacology</i> , <b>2019</b> , 29, 319-329 <sup>1,2</sup>	21
38	Altered reward processing in the orbitofrontal cortex and hippocampus in healthy first-degree relatives of patients with depression. <i>Psychological Medicine</i> , <b>2014</b> , 44, 1183-95	6.9 18
37	Effects of selective serotonin reuptake inhibition on neural activity related to risky decisions and monetary rewards in healthy males. <i>NeuroImage</i> , <b>2014</b> , 99, 434-42	7.9 16
36	Acute serotonin 2A receptor blocking alters the processing of fearful faces in the orbitofrontal cortex and amygdala. <i>Journal of Psychopharmacology</i> , <b>2013</b> , 27, 903-14	4.6 16
35	Empathy as a neuropsychological heuristic in social decision-making. <i>Social Neuroscience</i> , <b>2015</b> , 10, 179-91	14
34	Neuronal firing rates account for distractor effects on mnemonic accuracy in a visuo-spatial working memory task. <i>Biological Cybernetics</i> , <b>2007</b> , 96, 407-19	2.8 12
33	Risk for affective disorders is associated with greater prefrontal gray matter volumes: A prospective longitudinal study. <i>NeuroImage: Clinical</i> , <b>2018</b> , 17, 786-793	5.3 11
32	Towards a biomarker model for cognitive improvement: No change in memory-related prefrontal engagement following a negative cognitive remediation trial in bipolar disorder. <i>Journal of Psychopharmacology</i> , <b>2018</b> , 32, 1075-1085	4.6 9
31	Does a single session of electroconvulsive therapy alter the neural response to emotional faces in depression? A randomised sham-controlled functional magnetic resonance imaging study. <i>Journal of Psychopharmacology</i> , <b>2017</b> , 31, 1215-1224	4.6 8
30	Neuroticism predicts the impact of serotonin challenges on fear processing in subgenual anterior cingulate cortex. <i>Scientific Reports</i> , <b>2018</b> , 8, 17889	4.9 8
29	Differences in neural and cognitive response to emotional faces in middle-aged dizygotic twins at familial risk of depression. <i>Psychological Medicine</i> , <b>2017</b> , 47, 2345-2357	6.9 7
28	Effect of electroconvulsive therapy on neural response to affective pictures: A randomized, sham-controlled fMRI study. <i>European Neuropsychopharmacology</i> , <b>2018</b> , 28, 915-924	1.2 7
27	Healthy co-twins of patients with affective disorders show reduced risk-related activation of the insula during a monetary gambling task. <i>Journal of Psychiatry and Neuroscience</i> , <b>2016</b> , 41, 38-47	4.5 6
26	Impact of pretreatment interhemispheric hippocampal asymmetry on improvement in verbal learning following erythropoietin treatment in mood disorders: a randomized controlled trial. <i>Journal of Psychiatry and Neuroscience</i> , <b>2020</b> , 45, 198-205	4.5 5
25	The neural bases of framing effects in social dilemmas.. <i>Journal of Neuroscience, Psychology, and Economics</i> , <b>2016</b> , 9, 14-28	1.6 5
24	Bright-light intervention induces a dose-dependent increase in striatal response to risk in healthy volunteers. <i>NeuroImage</i> , <b>2016</b> , 139, 37-43	7.9 5
23	Serotonergic neurotransmission in emotional processing: New evidence from long-term recreational poly-drug ecstasy use. <i>Journal of Psychopharmacology</i> , <b>2016</b> , 30, 1296-1304	4.6 5
22	Unaffected twins discordant for affective disorders show changes in anterior callosal white matter microstructure. <i>Acta Psychiatrica Scandinavica</i> , <b>2016</b> , 134, 441-451	6.5 5

21	Neural Response After a Single ECT Session During Retrieval of Emotional Self-Referent Words in Depression: A Randomized, Sham-Controlled fMRI Study. <i>International Journal of Neuropsychopharmacology</i> , <b>2018</b> , 21, 226-235	5.8	5
20	Is negative self-referent bias an endophenotype for depression? An fMRI study of emotional self-referent words in twins at high vs. low risk of depression. <i>Journal of Affective Disorders</i> , <b>2018</b> , 226, 267-273	6.6	4
19	Neural response to emotional faces in monozygotic twins: association with familial risk of affective disorders. <i>Journal of Psychiatry and Neuroscience</i> , <b>2019</b> , 44, 277-286	4.5	4
18	Change in prefrontal activity and executive functions after action-based cognitive remediation in bipolar disorder: a randomized controlled trial. <i>Neuropsychopharmacology</i> , <b>2021</b> , 46, 1113-1121	8.7	4
17	Altered response to risky decisions and reward in patients with obsessive-compulsive disorder. <i>Journal of Psychiatry and Neuroscience</i> , <b>2020</b> , 45, 98-107	4.5	3
16	Reduced frontostriatal response to expected value and reward prediction error in remitted monozygotic twins with mood disorders and their unaffected high-risk co-twins. <i>Psychological Medicine</i> , <b>2021</b> , 51, 1637-1646	6.9	3
15	Neuronal underpinnings of cognitive impairment in bipolar disorder: A large data-driven functional magnetic resonance imaging study. <i>Bipolar Disorders</i> , <b>2021</b> ,	3.8	2
14	Abnormal prefrontal cortex processing of reward prediction errors in recently diagnosed patients with bipolar disorder and their unaffected relatives. <i>Bipolar Disorders</i> , <b>2020</b> , 22, 849-859	3.8	2
13	Hippocampal subfield morphology in monozygotic twins discordant for affective disorders. <i>Neuropsychopharmacology</i> , <b>2021</b> , 46, 561-568	8.7	2
12	Neural correlates of improved recognition of happy faces after erythropoietin treatment in bipolar disorder. <i>Acta Psychiatrica Scandinavica</i> , <b>2018</b> , 138, 336-347	6.5	1
11	Assessment of the neuronal underpinnings of cognitive impairment in bipolar disorder with a picture encoding paradigm and methodological lessons learnt. <i>Journal of Psychopharmacology</i> , <b>2021</b> , 35, 983-991	4.6	1
10	Can the existing knowledge in depression treatment aid the recovery from the burnout syndrome?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , <b>2016</b> , 105, 714	3.1	1
9	The BDNF Val66Met Polymorphism Has No Effect on Encoding-Related Hippocampal Response But Influences Recall in Remitted Patients With Bipolar Disorder. <i>Frontiers in Psychiatry</i> , <b>2019</b> , 10, 845	5	1
8	Affective episodes in recently diagnosed patients with bipolar disorder associated with altered working memory-related prefrontal cortex activity: A longitudinal fMRI study. <i>Journal of Affective Disorders</i> , <b>2021</b> , 295, 647-656	6.6	1
7	Reduced prefrontal cortex response to own vs. unknown emotional infant faces in mothers with bipolar disorder. <i>European Neuropsychopharmacology</i> , <b>2021</b> , 54, 7-20	1.2	0
6	Structural brain abnormalities associated with cognitive impairments in bipolar disorder. <i>Acta Psychiatrica Scandinavica</i> , <b>2021</b> , 144, 379-391	6.5	0
5	Neural responses during down-regulation of negative emotion in patients with recently diagnosed bipolar disorder and their unaffected relatives. <i>Psychological Medicine</i> , 1-12	6.9	0
4	Neural underpinnings of emotion regulation subgroups in remitted patients with recently diagnosed bipolar disorder.. <i>European Neuropsychopharmacology</i> , <b>2022</b> , 60, 7-18	1.2	0

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| 3 | Action-based cognitive remediation in bipolar disorder improved verbal memory but had no effect on the neural response during episodic memory encoding. <i>Psychiatry Research - Neuroimaging</i> , <b>2021</b> , 319, 111418                                 | 2.9 |
| 2 | Influence of pre-treatment structural brain measures on effects of action-based cognitive remediation on executive function in partially or fully remitted patients with bipolar disorder.. <i>European Neuropsychopharmacology</i> , <b>2021</b> , 56, 50-59 | 1.2 |
| 1 | P.0278 Structural brain abnormalities associated with cognitive impairments in bipolar disorder. <i>European Neuropsychopharmacology</i> , <b>2021</b> , 53, S201   | 1.2 |