Grega RepovÅ¡

List of Publications by Year
in descending order

80 papers	8,835 citations	71102 41 h-index	79698 73 g-index
91 all docs	91 docs citations	91 times ranked	10364 citing authors

#	Article	IF	Citations
1	Multi-task connectivity reveals flexible hubs for adaptive task control. Nature Neuroscience, 2013, 16, 1348-1355.	14.8	1,377
2	The multi-component model of working memory: Explorations in experimental cognitive psychology. Neuroscience, 2006, 139, 5-21.	2.3	549
3	Global Connectivity of Prefrontal Cortex Predicts Cognitive Control and Intelligence. Journal of Neuroscience, 2012, 32, 8988-8999.	3.6	540
4	Characterizing Thalamo-Cortical Disturbances in Schizophrenia and Bipolar Illness. Cerebral Cortex, 2014, 24, 3116-3130.	2.9	415
5	The Frontoparietal Control System. Neuroscientist, 2014, 20, 652-664.	3.5	394
6	Mapping the human brain's cortical-subcortical functional network organization. NeuroImage, 2019, 185, 35-57.	4.2	371
7	Altered global brain signal in schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7438-7443.	7.1	347
8	Association of Thalamic Dysconnectivity and Conversion to Psychosis in Youth and Young Adults at Elevated Clinical Risk. JAMA Psychiatry, 2015, 72, 882.	11.0	284
9	Brain Network Connectivity in Individuals with Schizophrenia and Their Siblings. Biological Psychiatry, 2011, 69, 967-973.	1.3	268
10	When less is more: TPJ and default network deactivation during encoding predicts working memory performance. NeuroImage, 2010, 49, 2638-2648.	4.2	247
11	Changes in global and thalamic brain connectivity in LSD-induced altered states of consciousness are attributable to the 5-HT2A receptor. ELife, 2018, 7, .	6.0	244
12	Global Prefrontal and Fronto-Amygdala Dysconnectivity in Bipolar I Disorder with Psychosis History. Biological Psychiatry, 2013, 73, 565-573.	1.3	240
13	NMDA receptor function in large-scale anticorrelated neural systems with implications for cognition and schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16720-16725.	7.1	226
14	Variable Global Dysconnectivity and Individual Differences in Schizophrenia. Biological Psychiatry, 2011, 70, 43-50.	1.3	224
15	Global Resting-State Functional Magnetic Resonance Imaging Analysis Identifies Frontal Cortex, Striatal, and Cerebellar Dysconnectivity in Obsessive-Compulsive Disorder. Biological Psychiatry, 2014, 75, 595-605.	1.3	222
16	Fronto-parietal and cingulo-opercular network integrity and cognition in health and schizophrenia. Neuropsychologia, 2015, 73, 82-93.	1.6	160
17	Amygdala Recruitment in Schizophrenia in Response to Aversive Emotional Material: A Meta-analysis of Neuroimaging Studies. Schizophrenia Bulletin, 2012, 38, 608-621.	4.3	153
18	Early-Course Unmedicated Schizophrenia Patients Exhibit Elevated Prefrontal Connectivity Associated with Longitudinal Change. Journal of Neuroscience, 2015, 35, 267-286.	3.6	153

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19	N-Methyl-D-Aspartate Receptor Antagonist Effects on Prefrontal Cortical Connectivity Better Model Early Than Chronic Schizophrenia. Biological Psychiatry, 2015, 77, 569-580.	1.3	144
20	Resting state functional connectivity of five neural networks in bipolar disorder and schizophrenia. Journal of Affective Disorders, 2013, 150, 601-609.	4.1	125
21	Functional hierarchy underlies preferential connectivity disturbances in schizophrenia. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E219-28.	7.1	115
22	Comparing surface-based and volume-based analyses of functional neuroimaging data in patients with schizophrenia. NeuroImage, 2008, 41, 835-848.	4.2	109
23	Working Memory Related Brain Network Connectivity in Individuals with Schizophrenia and Their Siblings. Frontiers in Human Neuroscience, 2012, 6, 137.	2.0	109
24	Functional Connectivity of the Amygdala in Early-Childhood-Onset Depression. Journal of the American Academy of Child and Adolescent Psychiatry, 2011, 50, 1027-1041.e3.	0.5	105
25	Psilocybin Induces Time-Dependent Changes in Global Functional Connectivity. Biological Psychiatry, 2020, 88, 197-207.	1.3	104
26	Resisting emotional interference: Brain regions facilitating working memory performance during negative distraction. Cognitive, Affective and Behavioral Neuroscience, 2010, 10, 159-173.	2.0	102
27	Working Memory Encoding and Maintenance Deficits in Schizophrenia: Neural Evidence for Activation and Deactivation Abnormalities. Schizophrenia Bulletin, 2013, 39, 168-178.	4.3	102
28	Emotion Effects on Attention, Amygdala Activation, and Functional Connectivity in Schizophrenia. Schizophrenia Bulletin, 2012, 38, 967-980.	4.3	91
29	Mediodorsal and Visual Thalamic Connectivity Differ in Schizophrenia and Bipolar Disorder With and Without Psychosis History. Schizophrenia Bulletin, 2014, 40, 1227-1243.	4.3	84
30	Ventral Anterior Cingulate Connectivity Distinguished Nonpsychotic Bipolar Illness From Psychotic Bipolar Disorder and Schizophrenia. Schizophrenia Bulletin, 2015, 41, 133-143.	4.3	73
31	Default mode network connectivity in children with a history of preschool onset depression. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2012, 53, 964-972.	5.2	71
32	Prospective memory in Parkinson disease across laboratory and self-reported everyday performance.. Neuropsychology, 2009, 23, 347-358.	1.3	68
33	Connectivity, Pharmacology, and Computation: Toward a Mechanistic Understanding of Neural System Dysfunction in Schizophrenia. Frontiers in Psychiatry, 2013, 4, 169.	2.6	68
34	Amygdala Connectivity Differs Among Chronic, Early Course, and Individuals at Risk for Developing Schizophrenia. Schizophrenia Bulletin, 2014, 40, 1105-1116.	4.3	67
35	Negative and Nonemotional Interference with Visual Working Memory in Schizophrenia. Biological Psychiatry, 2011, 70, 1159-1168.	1.3	65
36	Altered Global Signal Topography in Schizophrenia. Cerebral Cortex, 2017, 27, 5156-5169.	2.9	61

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37	Functional connectivity change as shared signal dynamics. Journal of Neuroscience Methods, 2016, 259, 22-39.	2.5	58
38	A broken filter: Prefrontal functional connectivity abnormalities in schizophrenia during working memory interference. Schizophrenia Research, 2012, 141, 8-14.	2.0	57
39	Schizophrenia is associated with a pattern of spatial working memory deficits consistent with cortical disinhibition. Schizophrenia Research, 2017, 181, 107-116.	2.0	53
40	PET of Brain Prion Protein Amyloid in Gerstmannâ€“StrÃusslerâ€“Scheinker Disease. Brain Pathology, 2010, 20, 419-430.	4.1	49
41	Curcumin Labeling of Neuronal Fibrillar Tau Inclusions in Human Brain Samples. Journal of Neuropathology and Experimental Neurology, 2010, 69, 405-414.	1.7	46
42	Subgenual cingulate connectivity in children with a history of preschool-depression. NeuroReport, 2010, 21, 1182-1188.	1.2	45
43	Error processing network dynamics in schizophrenia. NeuroImage, 2011, 54, 1495-1505.	4.2	44
44	Computational Modeling of Electroencephalography and Functional Magnetic Resonance Imaging Paradigms Indicates a Consistent Loss of Pyramidal Cell Synaptic Gain in Schizophrenia. Biological Psychiatry, 2022, 91, 202-215.	1.3	40
45	Evidence for Accelerated Decline of Functional Brain Network Efficiency in Schizophrenia. Schizophrenia Bulletin, 2016, 42, 753-761.	4.3	39
46	Acute Hyperglycemia and Spatial Working Memory in Adolescents With Type 1 Diabetes. Diabetes Care, 2020, 43, 1941-1944.	8.6	28
47	Schizophrenia Exhibits Bi-directional Brain-Wide Alterations in Cortico-Striato-Cerebellar Circuits. Cerebral Cortex, 2019, 29, 4463-4487.	2.9	27
48	Amyotrophic lateral sclerosis patients show executive impairments on standard neuropsychological measures and an ecologically valid motor-free test of executive functions. Journal of Clinical and Experimental Neuropsychology, 2010, 32, 1095-1109.	1.3	23
49	The Impact of Social Pressure and Monetary Incentive on Cognitive Control. Frontiers in Psychology, 2016, 7, 93.	2.1	23
50	Dopaminergic medication alters auditory distractor processing in Parkinson's disease. Acta Psychologica, 2015, 156, 45-56.	1.5	22
51	Mapping brain-behavior space relationships along the psychosis spectrum. ELife, 2021, 10, .	6.0	21
52	Activity flow underlying abnormalities in brain activations and cognition in schizophrenia. Science Advances, 2021, 7, .	10.3	21
53	Fineâ€grained versus categorical: Pupil size differentiates between strategies for spatial working memory performance. Psychophysiology, 2017, 54, 724-735.	2.4	16
54	An in vitro study of Hoechst 33342 redistribution and its effects on cell viability. Human and Experimental Toxicology, 2005, 24, 573-580.	2.2	15

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55	The P3 cognitive ERP has at least some sensory modalityâ€specific generators: Evidence from highâ€resolution EEG. Psychophysiology, 2017, 54, 416-428.	2.4	14
56	Automated landmark identification for human cortical surface-based registration. NeuroImage, 2012, 59, 2539-2547.	4.2	11
57	Visual working memory capacity is limited by two systems that change across lifespan. Journal of Memory and Language, 2020, 112, 104090.	2.1	10
58	Effects of reward on spatial working memory in schizophrenia.. Journal of Abnormal Psychology, 2018, 127, 695-709.	1.9	9
59	Neural Evidence for Different Types of Position Coding Strategies in Spatial Working Memory. Frontiers in Human Neuroscience, 2022, 16, 821545.	2.0	8
60	Computational Models of Attention and Cognitive Control. , 2001, , 422-450.		7
61	Beyond aphasia: Altered EEG connectivity in Brocaâ€™s patients during working memory task. Brain and Language, 2016, 163, 10-21.	1.6	7
62	Parkinson's disease dementia: clinical correlates of brain spect perfusion and treatment. Psychiatria Danubina, 2010, 22, 446-9.	0.4	7
63	What Individuals Experience During Visuo-Spatial Working Memory Task Performance: An Exploratory Phenomenological Study. Frontiers in Psychology, 0, 13, .	2.1	5
64	Subcortical alignment precision in patients with schizophrenia. Schizophrenia Research, 2010, 120, 76-83.	2.0	4
65	Refining the Empirical Constraints on Computational Models of Spatial Working Memory in Schizophrenia. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 913-922.	1.5	4
66	Reward and loss incentives improve spatial working memory by shaping trial-by-trial posterior frontoparietal signals. NeuroImage, 2022, 254, 119139.	4.2	4
67	Cognition in late onset depression. Psychiatry Research, 2013, 210, 89-94.	3.3	3
68	The electrophysiological correlates of the working memory subcomponents: evidence from high-density EEG and coherence analysis. Neurological Sciences, 2015, 36, 2199-2207.	1.9	3
69	Harmonic context influences pitch class equivalence judgments through gestalt and congruency effects. Acta Psychologica, 2016, 166, 54-63.	1.5	3
70	bayes4psyâ€”An Open Source R Package for Bayesian Statistics in Psychology. Frontiers in Psychology, 2020, 11, 947.	2.1	2
71	SERIAL POSITION AND DISTANCE EFFECTS IN VISUAL WORKING MEMORY. Studia Psychologica, 2013, 55, 67-82.	0.5	2
72	Cognitive Control Challenge Task Across the Lifespan. Frontiers in Psychology, 2021, 12, 789816.	2.1	2

#	ARTICLE	IF	CITATIONS
73	Management Accountants' Empathy and Their Violation of Fiduciary Duties: A Replication and Extension Study Using fMRI. Behavioral Research in Accounting, 2021, 33, 21-42.	0.8	1
74	S159. NMDA Receptor Antagonism Effects on Delayed Spatial Working Memory and Distraction in Comparison With Schizophrenia. Biological Psychiatry, 2019, 85, S358.	1.3	0
75	T174. Examining the Neurobiological Progression of Early Course Schizophrenia. Biological Psychiatry, 2019, 85, S196-S197.	1.3	0
76	Mapping Neurodevelopmental Trajectories of Thalamo-Cortical Systems Across the Mental Health Spectra. Biological Psychiatry, 2020, 87, S411-S412.	1.3	0
77	Exploring bilateral field advantage across lifespan with a visual working memory span task: Experimental data, analysis and computer simulation. Data in Brief, 2020, 30, 105502.	1.0	0
78	The Emotion of Fear: Its Experience in Situations Involving Animals, Accidents, and Violence and Its Regulation by the Cognitive Reappraisal Strategy. Japanese Psychological Research, 2022, 64, 282-294.	1.1	0
79	Vpliv razliÄnih moteÄih draÅ¾ljajev na prostorski delovni spomin. Psiholoska Obzorja, 0, 24, 76-89.	0.1	0
80	Dynamic Seat Assessment for Enabled Restlessness of Children with Learning Difficulties. Sensors, 2022, 22, 3170.	3.8	0