

Grega Repovš

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

8,835
citations

70961

41
h-index

79541

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. <i>Nature Neuroscience</i> , 2013, 16, 1348-1355.	7.1	1,377
2	The multi-component model of working memory: Explorations in experimental cognitive psychology. <i>Neuroscience</i> , 2006, 139, 5-21.	1.1	549
3	Global Connectivity of Prefrontal Cortex Predicts Cognitive Control and Intelligence. <i>Journal of Neuroscience</i> , 2012, 32, 8988-8999.	1.7	540
4	Characterizing Thalamo-Cortical Disturbances in Schizophrenia and Bipolar Illness. <i>Cerebral Cortex</i> , 2014, 24, 3116-3130.	1.6	415
5	The Frontoparietal Control System. <i>Neuroscientist</i> , 2014, 20, 652-664.	2.6	394
6	Mapping the human brain's cortical-subcortical functional network organization. <i>NeuroImage</i> , 2019, 185, 35-57.	2.1	371
7	Altered global brain signal in schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7438-7443.	3.3	347
8	Association of Thalamic Dysconnectivity and Conversion to Psychosis in Youth and Young Adults at Elevated Clinical Risk. <i>JAMA Psychiatry</i> , 2015, 72, 882.	6.0	284
9	Brain Network Connectivity in Individuals with Schizophrenia and Their Siblings. <i>Biological Psychiatry</i> , 2011, 69, 967-973.	0.7	268
10	When less is more: TPJ and default network deactivation during encoding predicts working memory performance. <i>NeuroImage</i> , 2010, 49, 2638-2648.	2.1	247
11	Changes in global and thalamic brain connectivity in LSD-induced altered states of consciousness are attributable to the 5-HT2A receptor. <i>ELife</i> , 2018, 7, .	2.8	244
12	Global Prefrontal and Fronto-Amygdala Dysconnectivity in Bipolar I Disorder with Psychosis History. <i>Biological Psychiatry</i> , 2013, 73, 565-573.	0.7	240
13	NMDA receptor function in large-scale anticorrelated neural systems with implications for cognition and schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16720-16725.	3.3	226
14	Variable Global Dysconnectivity and Individual Differences in Schizophrenia. <i>Biological Psychiatry</i> , 2011, 70, 43-50.	0.7	224
15	Global Resting-State Functional Magnetic Resonance Imaging Analysis Identifies Frontal Cortex, Striatal, and Cerebellar Dysconnectivity in Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2014, 75, 595-605.	0.7	222
16	Fronto-parietal and cingulo-opercular network integrity and cognition in health and schizophrenia. <i>Neuropsychologia</i> , 2015, 73, 82-93.	0.7	160
17	Amygdala Recruitment in Schizophrenia in Response to Aversive Emotional Material: A Meta-analysis of Neuroimaging Studies. <i>Schizophrenia Bulletin</i> , 2012, 38, 608-621.	2.3	153
18	Early-Course Unmedicated Schizophrenia Patients Exhibit Elevated Prefrontal Connectivity Associated with Longitudinal Change. <i>Journal of Neuroscience</i> , 2015, 35, 267-286.	1.7	153

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19	N-Methyl-D-Aspartate Receptor Antagonist Effects on Prefrontal Cortical Connectivity Better Model Early Than Chronic Schizophrenia. <i>Biological Psychiatry</i> , 2015, 77, 569-580.	0.7	144
20	Resting state functional connectivity of five neural networks in bipolar disorder and schizophrenia. <i>Journal of Affective Disorders</i> , 2013, 150, 601-609.	2.0	125
21	Functional hierarchy underlies preferential connectivity disturbances in schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E219-28.	3.3	115
22	Comparing surface-based and volume-based analyses of functional neuroimaging data in patients with schizophrenia. <i>NeuroImage</i> , 2008, 41, 835-848.	2.1	109
23	Working Memory Related Brain Network Connectivity in Individuals with Schizophrenia and Their Siblings. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 137.	1.0	109
24	Functional Connectivity of the Amygdala in Early-Childhood-Onset Depression. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2011, 50, 1027-1041.e3.	0.3	105
25	Psilocybin Induces Time-Dependent Changes in Global Functional Connectivity. <i>Biological Psychiatry</i> , 2020, 88, 197-207.	0.7	104
26	Resisting emotional interference: Brain regions facilitating working memory performance during negative distraction. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2010, 10, 159-173.	1.0	102
27	Working Memory Encoding and Maintenance Deficits in Schizophrenia: Neural Evidence for Activation and Deactivation Abnormalities. <i>Schizophrenia Bulletin</i> , 2013, 39, 168-178.	2.3	102
28	Emotion Effects on Attention, Amygdala Activation, and Functional Connectivity in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2012, 38, 967-980.	2.3	91
29	Mediodorsal and Visual Thalamic Connectivity Differ in Schizophrenia and Bipolar Disorder With and Without Psychosis History. <i>Schizophrenia Bulletin</i> , 2014, 40, 1227-1243.	2.3	84
30	Ventral Anterior Cingulate Connectivity Distinguished Nonpsychotic Bipolar Illness From Psychotic Bipolar Disorder and Schizophrenia. <i>Schizophrenia Bulletin</i> , 2015, 41, 133-143.	2.3	73
31	Default mode network connectivity in children with a history of preschool onset depression. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2012, 53, 964-972.	3.1	71
32	Prospective memory in Parkinson disease across laboratory and self-reported everyday performance.. <i>Neuropsychology</i> , 2009, 23, 347-358.	1.0	68
33	Connectivity, Pharmacology, and Computation: Toward a Mechanistic Understanding of Neural System Dysfunction in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2013, 4, 169.	1.3	68
34	Amygdala Connectivity Differs Among Chronic, Early Course, and Individuals at Risk for Developing Schizophrenia. <i>Schizophrenia Bulletin</i> , 2014, 40, 1105-1116.	2.3	67
35	Negative and Nonemotional Interference with Visual Working Memory in Schizophrenia. <i>Biological Psychiatry</i> , 2011, 70, 1159-1168.	0.7	65
36	Altered Global Signal Topography in Schizophrenia. <i>Cerebral Cortex</i> , 2017, 27, 5156-5169.	1.6	61

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37	Functional connectivity change as shared signal dynamics. <i>Journal of Neuroscience Methods</i> , 2016, 259, 22-39.	1.3	58
38	A broken filter: Prefrontal functional connectivity abnormalities in schizophrenia during working memory interference. <i>Schizophrenia Research</i> , 2012, 141, 8-14.	1.1	57
39	Schizophrenia is associated with a pattern of spatial working memory deficits consistent with cortical disinhibition. <i>Schizophrenia Research</i> , 2017, 181, 107-116.	1.1	53
40	PET of Brain Prion Protein Amyloid in Gerstmann-Sträussler-Scheinker Disease. <i>Brain Pathology</i> , 2010, 20, 419-430.	2.1	49
41	Curcumin Labeling of Neuronal Fibrillar Tau Inclusions in Human Brain Samples. <i>Journal of Neuropathology and Experimental Neurology</i> , 2010, 69, 405-414.	0.9	46
42	Subgenual cingulate connectivity in children with a history of preschool-depression. <i>NeuroReport</i> , 2010, 21, 1182-1188.	0.6	45
43	Error processing network dynamics in schizophrenia. <i>NeuroImage</i> , 2011, 54, 1495-1505.	2.1	44
44	Computational Modeling of Electroencephalography and Functional Magnetic Resonance Imaging Paradigms Indicates a Consistent Loss of Pyramidal Cell Synaptic Gain in Schizophrenia. <i>Biological Psychiatry</i> , 2022, 91, 202-215.	0.7	40
45	Evidence for Accelerated Decline of Functional Brain Network Efficiency in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2016, 42, 753-761.	2.3	39
46	Acute Hyperglycemia and Spatial Working Memory in Adolescents With Type 1 Diabetes. <i>Diabetes Care</i> , 2020, 43, 1941-1944.	4.3	28
47	Schizophrenia Exhibits Bi-directional Brain-Wide Alterations in Cortico-Striato-Cerebellar Circuits. <i>Cerebral Cortex</i> , 2019, 29, 4463-4487.	1.6	27
48	Amyotrophic lateral sclerosis patients show executive impairments on standard neuropsychological measures and an ecologically valid motor-free test of executive functions. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2010, 32, 1095-1109.	0.8	23
49	The Impact of Social Pressure and Monetary Incentive on Cognitive Control. <i>Frontiers in Psychology</i> , 2016, 7, 93.	1.1	23
50	Dopaminergic medication alters auditory distractor processing in Parkinson's disease. <i>Acta Psychologica</i> , 2015, 156, 45-56.	0.7	22
51	Mapping brain-behavior space relationships along the psychosis spectrum. <i>ELife</i> , 2021, 10, .	2.8	21
52	Activity flow underlying abnormalities in brain activations and cognition in schizophrenia. <i>Science Advances</i> , 2021, 7, .	4.7	21
53	Fine-grained versus categorical: Pupil size differentiates between strategies for spatial working memory performance. <i>Psychophysiology</i> , 2017, 54, 724-735.	1.2	16
54	An in vitro study of Hoechst 33342 redistribution and its effects on cell viability. <i>Human and Experimental Toxicology</i> , 2005, 24, 573-580.	1.1	15

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55	The P3 cognitive ERP has at least some sensory modality-specific generators: Evidence from high-resolution EEG. <i>Psychophysiology</i> , 2017, 54, 416-428.	1.2	14
56	Automated landmark identification for human cortical surface-based registration. <i>NeuroImage</i> , 2012, 59, 2539-2547.	2.1	11
57	Visual working memory capacity is limited by two systems that change across lifespan. <i>Journal of Memory and Language</i> , 2020, 112, 104090.	1.1	10
58	Effects of reward on spatial working memory in schizophrenia.. <i>Journal of Abnormal Psychology</i> , 2018, 127, 695-709.	2.0	9
59	Neural Evidence for Different Types of Position Coding Strategies in Spatial Working Memory. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 821545.	1.0	8
60	Computational Models of Attention and Cognitive Control. , 2001, , 422-450.		7
61	Beyond aphasia: Altered EEG connectivity in Broca's patients during working memory task. <i>Brain and Language</i> , 2016, 163, 10-21.	0.8	7
62	Parkinson's disease dementia: clinical correlates of brain spect perfusion and treatment. <i>Psychiatria Danubina</i> , 2010, 22, 446-9.	0.2	7
63	What Individuals Experience During Visuo-Spatial Working Memory Task Performance: An Exploratory Phenomenological Study. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	5
64	Subcortical alignment precision in patients with schizophrenia. <i>Schizophrenia Research</i> , 2010, 120, 76-83.	1.1	4
65	Refining the Empirical Constraints on Computational Models of Spatial Working Memory in Schizophrenia. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 913-922.	1.1	4
66	Reward and loss incentives improve spatial working memory by shaping trial-by-trial posterior frontoparietal signals. <i>NeuroImage</i> , 2022, 254, 119139.	2.1	4
67	Cognition in late onset depression. <i>Psychiatry Research</i> , 2013, 210, 89-94.	1.7	3
68	The electrophysiological correlates of the working memory subcomponents: evidence from high-density EEG and coherence analysis. <i>Neurological Sciences</i> , 2015, 36, 2199-2207.	0.9	3
69	Harmonic context influences pitch class equivalence judgments through gestalt and congruency effects. <i>Acta Psychologica</i> , 2016, 166, 54-63.	0.7	3
70	bayes4psy - An Open Source R Package for Bayesian Statistics in Psychology. <i>Frontiers in Psychology</i> , 2020, 11, 947.	1.1	2
71	SERIAL POSITION AND DISTANCE EFFECTS IN VISUAL WORKING MEMORY. <i>Studia Psychologica</i> , 2013, 55, 67-82.	0.3	2
72	Cognitive Control Challenge Task Across the Lifespan. <i>Frontiers in Psychology</i> , 2021, 12, 789816.	1.1	2

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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.	0.2	1
74	S159. NMDA Receptor Antagonism Effects on Delayed Spatial Working Memory and Distraction in Comparison With Schizophrenia. Biological Psychiatry, 2019, 85, S358.	0.7	0
75	T174. Examining the Neurobiological Progression of Early Course Schizophrenia. Biological Psychiatry, 2019, 85, S196-S197.	0.7	0
76	Mapping Neurodevelopmental Trajectories of Thalamo-Cortical Systems Across the Mental Health Spectra. Biological Psychiatry, 2020, 87, S411-S412.	0.7	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.	0.5	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.	0.4	0
79	Vpliv različnih motečih dražljajev 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.	2.1	0