

Valentin Riedl

List of Publications by Year in descending order

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56
papers

7,189
citations

117453

34
h-index

161609

54
g-index

57
all docs

57
docs citations

57
times ranked

10235
citing authors

#	ARTICLE	IF	CITATIONS
1	Concept of the Munich/Augsburg Consortium Precision in Mental Health for the German Center of Mental Health. <i>Frontiers in Psychiatry</i> , 2022, 13, 815718.	1.3	2
2	Effective connectivity in the default mode network is distinctively disrupted in Alzheimer's disease—A simultaneous resting-state FDG-PET/fMRI study. <i>Human Brain Mapping</i> , 2021, 42, 4134-4143.	1.9	43
3	Neurobiological Divergence of the Positive and Negative Schizophrenia Subtypes Identified on a New Factor Structure of Psychopathology Using Non-negative Factorization: An International Machine Learning Study. <i>Biological Psychiatry</i> , 2020, 87, 282-293.	0.7	68
4	Joint Multi-modal Parcellation of the Human Striatum: Functions and Clinical Relevance. <i>Neuroscience Bulletin</i> , 2020, 36, 1123-1136.	1.5	14
5	Integrity of Neurocognitive Networks in Dementing Disorders as Measured with Simultaneous PET/Functional MRI. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1341-1347.	2.8	23
6	The physiological effects of noninvasive brain stimulation fundamentally differ across the human cortex. <i>Science Advances</i> , 2020, 6, eaay2739.	4.7	73
7	Common and distinct changes of default mode and salience network in schizophrenia and major depression. <i>Brain Imaging and Behavior</i> , 2018, 12, 1708-1719.	1.1	56
8	Increased Global Interaction Across Functional Brain Modules During Cognitive Emotion Regulation. <i>Cerebral Cortex</i> , 2018, 28, 3082-3094.	1.6	11
9	Opposite Dynamics of GABA and Glutamate Levels in the Occipital Cortex during Visual Processing. <i>Journal of Neuroscience</i> , 2018, 38, 9967-9976.	1.7	59
10	Impact of Global Mean Normalization on Regional Glucose Metabolism in the Human Brain. <i>Neural Plasticity</i> , 2018, 2018, 1-16.	1.0	7
11	Cognitive emotion regulation modulates the balance of competing influences on ventral striatal aversive prediction error signals. <i>NeuroImage</i> , 2017, 147, 650-657.	2.1	6
12	Resting-State Networks as Simultaneously Measured with Functional MRI and PET. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1314-1317.	2.8	71
13	Coherence of BOLD signal and electrical activity in the human brain during deep sevoflurane anesthesia. <i>Brain and Behavior</i> , 2017, 7, e00679.	1.0	25
14	Changes in extra-striatal functional connectivity in patients with schizophrenia in a psychotic episode. <i>British Journal of Psychiatry</i> , 2017, 210, 75-82.	1.7	38
15	Ongoing Slow Fluctuations in V1 Impact on Visual Perception. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 411.	1.0	10
16	More Consistently Altered Connectivity Patterns for Cerebellum and Medial Temporal Lobes than for Amygdala and Striatum in Schizophrenia. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 55.	1.0	19
17	Imbalance in subregional connectivity of the right temporoparietal junction in major depression. <i>Human Brain Mapping</i> , 2016, 37, 2931-2942.	1.9	16
18	Neural Correlates of Sevoflurane-induced Unconsciousness Identified by Simultaneous Functional Magnetic Resonance Imaging and Electroencephalography. <i>Anesthesiology</i> , 2016, 125, 861-872.	1.3	118

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19	Increased Intrinsic Activity of Medial-Temporal Lobe Subregions is Associated with Decreased Cortical Thickness of Medial-Parietal Areas in Patients with Alzheimer's Disease Dementia. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 313-326.	1.2	16
20	The Whole-Brain "Global" Signal from Resting State fMRI as a Potential Biomarker of Quantitative State Changes in Glucose Metabolism. <i>Brain Connectivity</i> , 2016, 6, 435-447.	0.8	70
21	How do you make me feel better? Social cognitive emotion regulation and the default mode network. <i>NeuroImage</i> , 2016, 134, 270-280.	2.1	75
22	Resting-state fMRI evidence for early episodic memory consolidation: effects of age. <i>Neurobiology of Aging</i> , 2016, 45, 197-211.	1.5	38
23	Metabolic connectivity mapping reveals effective connectivity in the resting human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 428-433.	3.3	84
24	Medial Prefrontal Aberrations in Major Depressive Disorder Revealed by Cytoarchitectonically Informed Voxel-Based Morphometry. <i>American Journal of Psychiatry</i> , 2016, 173, 291-298.	4.0	52
25	Based on the Network Degeneration Hypothesis: Separating Individual Patients with Different Neurodegenerative Syndromes in a Preliminary Hybrid PET/MR Study. <i>Journal of Nuclear Medicine</i> , 2016, 57, 410-415.	2.8	50
26	Visual imagery and functional connectivity in blindness: a single-case study. <i>Brain Structure and Function</i> , 2016, 221, 2367-2374.	1.2	7
27	Evaluation of Multiband EPI Acquisitions for Resting State fMRI. <i>PLoS ONE</i> , 2015, 10, e0136961.	1.1	114
28	Disrupted Intrinsic Networks Link Amyloid- β^2 Pathology and Impaired Cognition in Prodromal Alzheimer's Disease. <i>Cerebral Cortex</i> , 2015, 25, 4678-4688.	1.6	92
29	The lower hippocampus global connectivity, the higher its local metabolism in Alzheimer disease. <i>Neurology</i> , 2015, 84, 1956-1963.	1.5	87
30	Link between hippocampus' raised local and eased global intrinsic connectivity in AD. <i>Alzheimer's and Dementia</i> , 2015, 11, 475-484.	0.4	78
31	Cognitive emotion regulation enhances aversive prediction error activity while reducing emotional responses. <i>NeuroImage</i> , 2015, 123, 138-148.	2.1	16
32	Editorial: Utilization of Hybrid PET/MR in Neuroimaging. <i>Basic and Clinical Neuroscience</i> , 2015, 6, 143-5.	0.3	5
33	Predicting effective connectivity from resting-state networks in healthy elderly and patients with prodromal Alzheimer's disease. <i>Human Brain Mapping</i> , 2014, 35, 954-963.	1.9	20
34	Local Activity Determines Functional Connectivity in the Resting Human Brain: A Simultaneous FDG-PET/fMRI Study. <i>Journal of Neuroscience</i> , 2014, 34, 6260-6266.	1.7	149
35	Aberrant topology of striatum's connectivity is associated with the number of episodes in depression. <i>Brain</i> , 2014, 137, 598-609.	3.7	189
36	Aberrant Dependence of Default Mode/Central Executive Network Interactions on Anterior Insular Salience Network Activity in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2014, 40, 428-437.	2.3	303

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37	Intrinsic Brain Activity of Cognitively Normal Older Persons Resembles More That of Patients Both with and at Risk for Alzheimer's Disease Than That of Healthy Younger Persons. <i>Brain Connectivity</i> , 2014, 4, 323-336.	0.8	2
38	Within-patient correspondence of amyloid- β^2 and intrinsic network connectivity in Alzheimer's disease. <i>Brain</i> , 2014, 137, 2052-2064.	3.7	126
39	F2-02-01: WITHIN-PATIENT CORRESPONDENCE OF AMYLOID-B AND INTRINSIC NETWORK CONNECTIVITY IN ALZHEIMER'S DISEASE. , 2014, 10, P158-P159.		0
40	Increased Intrinsic Brain Activity in the Striatum Reflects Symptom Dimensions in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2013, 39, 387-395.	2.3	104
41	Simultaneous Electroencephalographic and Functional Magnetic Resonance Imaging Indicate Impaired Cortical Top-down Processing in Association with Anesthetic-induced Unconsciousness. <i>Anesthesiology</i> , 2013, 119, 1031-1042.	1.3	153
42	Insular Dysfunction Reflects Altered Between-Network Connectivity and Severity of Negative Symptoms in Schizophrenia during Psychotic Remission. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 216.	1.0	111
43	Aberrant Intrinsic Connectivity of Hippocampus and Amygdala Overlap in the Fronto-Insular and Dorsomedial-Prefrontal Cortex in Major Depressive Disorder. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 639.	1.0	123
44	Shifted intrinsic connectivity of central executive and salience network in borderline personality disorder. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 727.	1.0	63
45	Insular dysfunction within the salience network is associated with severity of symptoms and aberrant inter-network connectivity in major depressive disorder. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 930.	1.0	267
46	Intrinsic Network Connectivity Reflects Consistency of Synesthetic Experiences. <i>Journal of Neuroscience</i> , 2012, 32, 7614-7621.	1.7	63
47	Prediction of Alzheimer's disease using individual structural connectivity networks. <i>Neurobiology of Aging</i> , 2012, 33, 2756-2765.	1.5	56
48	Asymmetric Loss of Parietal Activity Causes Spatial Bias in Prodromal and Mild Alzheimer's Disease. <i>Biological Psychiatry</i> , 2012, 71, 798-804.	0.7	20
49	Repeated pain induces adaptations of intrinsic brain activity to reflect past and predict future pain. <i>NeuroImage</i> , 2011, 57, 206-213.	2.1	51
50	Disconnection of Frontal and Parietal Areas Contributes to Impaired Attention in Very Early Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 25, 309-321.	1.2	79
51	Homogeneity-based feature extraction for classification of early-stage alzheimer's disease from functional magnetic resonance images. , 2011, , .		4
52	Toward discovery science of human brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4734-4739.	3.3	2,703
53	Impact of Alzheimers Disease on the Functional Connectivity of Spontaneous Brain Activity. <i>Current Alzheimer Research</i> , 2009, 6, 541-553.	0.7	83
54	Alzheimer's Disease: A Search for Broken Links. <i>Journal of Neuroscience</i> , 2008, 28, 8148-8149.	1.7	15

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55	Selective changes of resting-state networks in individuals at risk for Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 18760-18765.	3.3	957
56	Early Morphologic and Spectroscopic Magnetic Resonance in Severe Traumatic Brain Injuries Can Detect "Invisible Brain Stem Damage" and Predict "Vegetative States". Journal of Neurotrauma, 2006, 23, 674-685.	1.7	103