

Dimitri Van De Ville

List of Publications by Year in Descending Order

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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.

368
papers

10,083
citations

48
h-index

89
g-index

427
ext. papers

13,352
ext. citations

5.8
avg, IF

6.82
L-index

#	Paper	IF	Citations
368	Activity-dependent spinal cord neuromodulation rapidly restores trunk and leg motor functions after complete paralysis.. <i>Nature Medicine</i> , 2022 ,	50.5	12
367	Brain structure-function coupling provides signatures for task decoding and individual fingerprinting.. <i>NeuroImage</i> , 2022 , 118970	7.9	1
366	Towards reliable spinal cord fMRI: assessment of common imaging protocols.. <i>NeuroImage</i> , 2022 , 250, 118964	7.9	1
365	Real-time and Recursive Estimators for Functional MRI Quality Assessment.. <i>Neuroinformatics</i> , 2022 , 1	3.2	
364	Functional connectivity underlying cognitive and psychiatric symptoms in post-COVID-19 syndrome: is anosognosia a key determinant?. <i>Brain Communications</i> , 2022 , 4, fcac057	4.5	4
363	Post-stroke reorganization of transient brain activity characterizes deficits and recovery of cognitive functions.. <i>NeuroImage</i> , 2022 , 119201	7.9	0
362	Dynamics of functional network organization through graph mixture learning.. <i>NeuroImage</i> , 2022 , 252, 119037	7.9	1
361	Six Months of Piano Training in Healthy Elderly Stabilizes White Matter Microstructure in the Fornix, Compared to an Active Control Group.. <i>Frontiers in Aging Neuroscience</i> , 2022 , 14, 817889	5.3	0
360	Musical memories in newborns: A resting-state functional connectivity study. <i>Human Brain Mapping</i> , 2021 ,	5.9	3
359	Robotically-induced hallucination triggers subtle changes in brain network transitions.. <i>NeuroImage</i> , 2021 , 248, 118862	7.9	0
358	Fronto-limbic neural variability as a transdiagnostic correlate of emotion dysregulation. <i>Translational Psychiatry</i> , 2021 , 11, 545	8.6	3
357	When makes you unique: Temporality of the human brain fingerprint. <i>Science Advances</i> , 2021 , 7, eabj07514.3	14.3	4
356	Robot-induced hallucinations in Parkinson's disease depend on altered sensorimotor processing in fronto-temporal network. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	7
355	Temporal complexity of fMRI is reproducible and correlates with higher order cognition. <i>NeuroImage</i> , 2021 , 230, 117760	7.9	4
354	Altered anterior default mode network dynamics in progressive multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2021 , 13524585211018116	5	0
353	Dynamics of amygdala connectivity in bipolar disorders: a longitudinal study across mood states. <i>Neuropsychopharmacology</i> , 2021 , 46, 1693-1701	8.7	3
352	Revisiting brain rewiring and plasticity in children born without corpus callosum. <i>Developmental Science</i> , 2021 , 24, e13126	4.5	3

351	Reward biases spontaneous neural reactivation during sleep. <i>Nature Communications</i> , 2021 , 12, 4162	17.4	4
350	Integrating regional perfusion CT information to improve prediction of infarction after stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 41, 502-510	7.3	4
349	Shedding light on excessive crying in babies. <i>Pediatric Research</i> , 2021 , 89, 1239-1244	3.2	2
348	Maladaptive emotion regulation traits predict altered corticolimbic recovery from psychosocial stress. <i>Journal of Affective Disorders</i> , 2021 , 280, 54-63	6.6	2
347	Dynamic functional networks in idiopathic normal pressure hydrocephalus: Alterations and reversibility by CSF tap test. <i>Human Brain Mapping</i> , 2021 , 42, 1485-1502	5.9	4
346	NREM sleep stages specifically alter dynamical integration of large-scale brain networks. <i>iScience</i> , 2021 , 24, 101923	6.1	2
345	Brain functional connectivity dynamics at rest in the aftermath of affective and cognitive challenges. <i>Human Brain Mapping</i> , 2021 , 42, 1054-1069	5.9	7
344	Structural Neuroplastic Responses Preserve Functional Connectivity and Neurobehavioural Outcomes in Children Born Without Corpus Callosum. <i>Cerebral Cortex</i> , 2021 , 31, 1227-1239	5.1	6
343	Intra- and inter-hemispheric structural connectome in agenesis of the corpus callosum. <i>NeuroImage: Clinical</i> , 2021 , 31, 102709	5.3	1
342	The Brain Connectome after Gamma Knife Radiosurgery of the Ventro-Intermediate Nucleus for Tremor: Marseille-Lausanne Radiobiology Study Protocol. <i>Stereotactic and Functional Neurosurgery</i> , 2021 , 99, 387-392	1.6	
341	Altered orbitofrontal activation in preterm-born young adolescents during performance of a reality filtering task. <i>NeuroImage: Clinical</i> , 2021 , 30, 102668	5.3	1
340	Structural control energy of resting-state functional brain states reveals less cost-effective brain dynamics in psychosis vulnerability. <i>Human Brain Mapping</i> , 2021 , 42, 2181-2200	5.9	4
339	Dysmaturation Observed as Altered Hippocampal Functional Connectivity at Rest Is Associated With the Emergence of Positive Psychotic Symptoms in Patients With 22q11 Deletion Syndrome. <i>Biological Psychiatry</i> , 2021 , 90, 58-68	7.9	2
338	Predictors of real-time fMRI neurofeedback performance and improvement - A machine learning mega-analysis. <i>NeuroImage</i> , 2021 , 237, 118207	7.9	2
337	Open-access quantitative MRI data of the spinal cord and reproducibility across participants, sites and manufacturers. <i>Scientific Data</i> , 2021 , 8, 219	8.2	6
336	Generic acquisition protocol for quantitative MRI of the spinal cord. <i>Nature Protocols</i> , 2021 , 16, 4611-4638	12.8	11
335	Alzheimer's Disease Biomarkers in Idiopathic Normal Pressure Hydrocephalus: Linking Functional Connectivity and Clinical Outcome. <i>Journal of Alzheimer's Disease</i> , 2021 , 83, 1717-1728	4.3	3
334	Mood disorders disrupt the functional dynamics, not spatial organization of brain resting state networks. <i>NeuroImage: Clinical</i> , 2021 , 32, 102833	5.3	0

333	Characterization and prediction of clinical pathways of vulnerability to psychosis through graph signal processing. <i>ELife</i> , 2021 , 10,	8.9	1
332	Real-time fMRI and EEG neurofeedback: A perspective on applications for the rehabilitation of spatial neglect. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021 , 64, 101561	3.8	0
331	Dynamic functional brain networks underlying the temporal inertia of negative emotions. <i>NeuroImage</i> , 2021 , 240, 118377	7.9	1
330	Exploring MEG brain fingerprints: Evaluation, pitfalls, and interpretations. <i>NeuroImage</i> , 2021 , 240, 118337	7.9	7
329	Large-scale functional network dynamics in human callosal agenesis: Increased subcortical involvement and preserved laterality. <i>NeuroImage</i> , 2021 , 243, 118471	7.9	0
328	Interpreting null models of resting-state functional MRI dynamics: not throwing the model out with the hypothesis. <i>NeuroImage</i> , 2021 , 243, 118518	7.9	3
327	Bayesian Skip Net: Building on Prior Information for the Prediction and Segmentation of Stroke Lesions. <i>Lecture Notes in Computer Science</i> , 2021 , 168-180	0.9	
326	Revisiting correlation-based functional connectivity and its relationship with structural connectivity. <i>Network Neuroscience</i> , 2020 , 4, 1235-1251	5.6	16
325	Generative Adversarial Networks Improve the Reproducibility and Discriminative Power of Radiomic Features. <i>Radiology: Artificial Intelligence</i> , 2020 , 2, e190035	8.7	8
324	Deep Learning to Automate Reference-Free Image Quality Assessment of Whole-Heart MR Images. <i>Radiology: Artificial Intelligence</i> , 2020 , 2, e190123	8.7	7
323	A multimodal approach to capture post-stroke temporal dynamics of recovery. <i>Journal of Neural Engineering</i> , 2020 , 17, 045002	5	8
322	Dynamics of Brain Activity Captured by Graph Signal Processing of Neuroimaging Data to Predict Human Behaviour 2020 ,		1
321	Structural mediation of human brain activity revealed by white-matter interpolation of fMRI. <i>NeuroImage</i> , 2020 , 213, 116718	7.9	11
320	Consensus on the reporting and experimental design of clinical and cognitive-behavioural neurofeedback studies (CRED-nf checklist). <i>Brain</i> , 2020 , 143, 1674-1685	11.2	93
319	TASH: Toolbox for the Automated Segmentation of Heschl's gyrus. <i>Scientific Reports</i> , 2020 , 10, 3887	4.9	6
318	Resting-state EEG topographies: Reliable and sensitive signatures of unilateral spatial neglect. <i>NeuroImage: Clinical</i> , 2020 , 26, 102237	5.3	6
317	Triple Network Model Dynamically Revisited: Lower Salience Network State Switching in Pre-psychosis. <i>Frontiers in Physiology</i> , 2020 , 11, 66	4.6	22
316	Get real: Orbitofrontal cortex mediates the ability to sense reality in early adolescents. <i>Brain and Behavior</i> , 2020 , 10, e01552	3.4	3

315	Brainstem Correlates of a Cold Pressor Test Measured by Ultra-High Field fMRI. <i>Frontiers in Neuroscience</i> , 2020 , 14, 39	5.1	3
314	Neural circuits of idiopathic Normal Pressure Hydrocephalus: A perspective review of brain connectivity and symptoms meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 112, 452-471	9	7
313	Time-resolved effective connectivity in task fMRI: Psychophysiological interactions of Co-Activation patterns. <i>NeuroImage</i> , 2020 , 212, 116635	7.9	4
312	TbCAPs: A toolbox for co-activation pattern analysis. <i>NeuroImage</i> , 2020 , 211, 116621	7.9	15
311	Neural responses in autism during movie watching: Inter-individual response variability co-varies with symptomatology. <i>NeuroImage</i> , 2020 , 216, 116571	7.9	5
310	The role of the subgenual anterior cingulate cortex in dorsomedial prefrontal-amygdala neural circuitry during positive-social emotion regulation. <i>Human Brain Mapping</i> , 2020 , 41, 3100-3118	5.9	15
309	Disentangling the origins of confidence in speeded perceptual judgments through multimodal imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 8382-8390	11.5	22
308	Graph Signal Processing: Foundations and Emerging Directions [From the Guest Editors]. <i>IEEE Signal Processing Magazine</i> , 2020 , 37, 11-13	9.4	6
307	Community-Aware Graph Signal Processing: Modularity Defines New Ways of Processing Graph Signals. <i>IEEE Signal Processing Magazine</i> , 2020 , 37, 150-159	9.4	3
306	Computational imaging during video game playing shows dynamic synchronization of cortical and subcortical networks of emotions. <i>PLoS Biology</i> , 2020 , 18, e3000900	9.7	3
305	Resting-State Brain Activity for Early Prediction Outcome in Postanoxic Patients in a Coma with Indeterminate Clinical Prognosis. <i>American Journal of Neuroradiology</i> , 2020 , 41, 1022-1030	4.4	9
304	Sparse coupled logistic regression to estimate co-activation and modulatory influences of brain regions. <i>Journal of Neural Engineering</i> , 2020 ,	5	2
303	Graph theory analysis of resting-state functional magnetic resonance imaging in essential tremor. <i>Human Brain Mapping</i> , 2020 , 41, 1689-1694	5.9	4
302	Agito ergo sum: Correlates of spatio-temporal motion characteristics during fMRI. <i>NeuroImage</i> , 2020 , 209, 116433	7.9	16
301	Pituitary dysmaturational affects psychopathology and neurodevelopment in 22q11.2 Deletion Syndrome. <i>Psychoneuroendocrinology</i> , 2020 , 113, 104540	5	8
300	S143. NEURAL MECHANISMS OF ROBOT-INDUCED HALLUCINATIONS IN HEALTHY PARTICIPANTS AND SYMPTOMATIC HALLUCINATIONS OF NEUROLOGICAL AND PSYCHIATRIC ORIGIN. <i>Schizophrenia Bulletin</i> , 2020 , 46, S90-S91	1.3	78
299	First-person body view modulates the neural substrates of episodic memory and autoethic consciousness: A functional connectivity study. <i>NeuroImage</i> , 2020 , 223, 117370	7.9	2
298	Dynamic Functional Connectivity of Resting-State Spinal Cord fMRI Reveals Fine-Grained Intrinsic Architecture. <i>Neuron</i> , 2020 , 108, 424-435.e4	13.9	12

297	Tapping into Multi-Faceted Human Behavior and Psychopathology Using fMRI Brain Dynamics. <i>Trends in Neurosciences</i> , 2020 , 43, 667-680	13.3	18
296	Train the brain with music (TBM): brain plasticity and cognitive benefits induced by musical training in elderly people in Germany and Switzerland, a study protocol for an RCT comparing musical instrumental practice to sensitization to music. <i>BMC Geriatrics</i> , 2020 , 20, 418	4.1	7
295	Can we predict real-time fMRI neurofeedback learning success from pretraining brain activity?. <i>Human Brain Mapping</i> , 2020 , 41, 3839-3854	5.9	13
294	A comprehensive error rate for multiple testing. <i>Statistical Papers</i> , 2020 , 61, 1859-1874	1	
293	Identifying microbial species by single-molecule DNA optical mapping and resampling statistics. <i>NAR Genomics and Bioinformatics</i> , 2020 , 2, lqz007	3.7	8
292	Deconvolution of Sustained Neural Activity From Large-Scale Calcium Imaging Data. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 1094-1103	11.7	
291	Computational imaging during video game playing shows dynamic synchronization of cortical and subcortical networks of emotions 2020 , 18, e3000900		
290	Computational imaging during video game playing shows dynamic synchronization of cortical and subcortical networks of emotions 2020 , 18, e3000900		
289	Computational imaging during video game playing shows dynamic synchronization of cortical and subcortical networks of emotions 2020 , 18, e3000900		
288	Computational imaging during video game playing shows dynamic synchronization of cortical and subcortical networks of emotions 2020 , 18, e3000900		
287	Computational imaging during video game playing shows dynamic synchronization of cortical and subcortical networks of emotions 2020 , 18, e3000900		
286	Computational imaging during video game playing shows dynamic synchronization of cortical and subcortical networks of emotions 2020 , 18, e3000900		
285	Computational imaging during video game playing shows dynamic synchronization of cortical and subcortical networks of emotions 2020 , 18, e3000900		
284	Computational imaging during video game playing shows dynamic synchronization of cortical and subcortical networks of emotions 2020 , 18, e3000900		
283	Graph Spectral Analysis of Voxel-Wise Brain Graphs from Diffusion-Weighted Mri 2019 ,		1
282	Resting brain dynamics at different timescales capture distinct aspects of human behavior. <i>Nature Communications</i> , 2019 , 10, 2317	17.4	113
281	Domain-Informed Spline Interpolation. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 3909-3921	4.8	4
280	Music in premature infants enhances high-level cognitive brain networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 12103-12108	11.5	50

279	Functional imaging of rostrocaudal spinal activity during upper limb motor tasks. <i>NeuroImage</i> , 2019 , 200, 590-600	7.9	6
278	Large-Scale Brain Network Dynamics Provide a Measure of Psychosis and Anxiety in 22q11.2 Deletion Syndrome. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019 , 4, 881-892	3.4	16
277	Classification of degenerative parkinsonism subtypes by support-vector-machine analysis and striatal I-FP-CIT indices. <i>Journal of Neurology</i> , 2019 , 266, 1771-1781	5.5	22
276	Dynamic mode decomposition of resting-state and task fMRI. <i>NeuroImage</i> , 2019 , 194, 42-54	7.9	17
275	Regional Cerebral Perfusion and Cerebrovascular Reactivity in Elderly Controls With Subtle Cognitive Deficits. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 19	5.3	7
274	Guided graph spectral embedding: Application to the connectome. <i>Network Neuroscience</i> , 2019 , 3, 807-826	3.6	7
273	Dynamic Inter-subject Functional Connectivity Reveals Moment-to-Moment Brain Network Configurations Driven by Continuous or Communication Paradigms. <i>Journal of Visualized Experiments</i> , 2019 ,	1.6	6
272	GABA and glutamate moderate beta-amyloid related functional connectivity in cognitively unimpaired old-aged adults. <i>NeuroImage: Clinical</i> , 2019 , 22, 101776	5.3	15
271	Structurally-Informed Deconvolution of Functional Magnetic Resonance Imaging Data 2019 ,		3
270	Time-frequency characterization of resting-state brain function reveals overlapping components with specific topology and frequency content 2019 ,		1
269	Brain Dynamics: Global Pulse and Brain State Switching. <i>Current Biology</i> , 2019 , 29, R690-R692	6.3	1
268	Decoupling of brain function from structure reveals regional behavioral specialization in humans. <i>Nature Communications</i> , 2019 , 10, 4747	17.4	63
267	Thalamotomy for tremor normalizes aberrant pre-therapeutic visual cortex functional connectivity. <i>Brain</i> , 2019 , 142, e57	11.2	3
266	Supervised learning to quantify amyloidosis in whole brains of an Alzheimer's disease mouse model acquired with optical projection tomography. <i>Biomedical Optics Express</i> , 2019 , 10, 3041-3060	3.5	8
265	Normalization of aberrant pretherapeutic dynamic functional connectivity of extrastriate visual system in patients who underwent thalamotomy with stereotactic radiosurgery for essential tremor: a resting-state functional MRI study. <i>Journal of Neurosurgery</i> , 2019 , 132, 1792-1801	3.2	7
264	Time-resolved analysis of dynamic graphs: an extended Slepian design 2019 ,		2
263	Letter to the Editor. Resting-state functional MRI for functional neurosurgery: seeing the light?. <i>Journal of Neurosurgery</i> , 2019 , 1-2	3.2	
262	No time for drifting: Comparing performance and applicability of signal detrending algorithms for real-time fMRI. <i>NeuroImage</i> , 2019 , 191, 421-429	7.9	8

261	Data-driven tensor independent component analysis for model-based connectivity neurofeedback. <i>NeuroImage</i> , 2019 , 184, 214-226	7.9	7
260	Fast high-resolution brain metabolite mapping on a clinical 3T MRI by accelerated H-FID-MRSI and low-rank constrained reconstruction. <i>Magnetic Resonance in Medicine</i> , 2019 , 81, 2841-2857	4.4	17
259	Brain networks for engaging oneself in positive-social emotion regulation. <i>NeuroImage</i> , 2019 , 189, 106-115	11.5	17
258	Letter: Deep Brain Stimulation of the Pedunclopontine Nucleus Area in Parkinson Disease: Magnetic Resonance Imaging-Based Anatomoclinical Correlations and Optimal Target. <i>Neurosurgery</i> , 2019 , 84, E103-E105	3.2	1
257	Spectral Design of Signal-Adapted Tight Frames on Graphs. <i>Signals and Communication Technology</i> , 2019 , 177-206	0.5	5
256	Robust Recovery of Temporal Overlap Between Network Activity Using Transient-Informed Spatio-Temporal Regression. <i>IEEE Transactions on Medical Imaging</i> , 2019 , 38, 291-302	11.7	15
255	Music processing in preterm and full-term newborns: A psychophysiological interaction (PPI) approach in neonatal fMRI. <i>NeuroImage</i> , 2019 , 185, 857-864	7.9	34
254	Using real-time fMRI neurofeedback to restore right occipital cortex activity in patients with left visuo-spatial neglect: proof-of-principle and preliminary results. <i>Neuropsychological Rehabilitation</i> , 2019 , 29, 339-360	3.1	13
253	Brain dynamics in ASD during movie-watching show idiosyncratic functional integration and segregation. <i>Human Brain Mapping</i> , 2018 , 39, 2391-2404	5.9	26
252	. <i>Proceedings of the IEEE</i> , 2018 , 106, 868-885	14.3	91
251	Interactions Between Large-Scale Functional Brain Networks are Captured by Sparse Coupled HMMs. <i>IEEE Transactions on Medical Imaging</i> , 2018 , 37, 230-240	11.7	20
250	Ventrolateral Motor Thalamus Abnormal Connectivity in Essential Tremor Before and After Thalamotomy: A Resting-State Functional Magnetic Resonance Imaging Study. <i>World Neurosurgery</i> , 2018 , 113, e453-e464	2.1	15
249	Pretherapeutic Functional Imaging Allows Prediction of Head Tremor Arrest After Thalamotomy for Essential Tremor: The Role of Altered Interconnectivity Between Thalamolimbic and Supplementary Motor Circuits. <i>World Neurosurgery</i> , 2018 , 112, e479-e488	2.1	6
248	Focal versus distributed temporal cortex activity for speech sound category assignment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E1299-E1308	11.5	26
247	Pretherapeutic functional neuroimaging predicts tremor arrest after thalamotomy. <i>Acta Neurologica Scandinavica</i> , 2018 , 137, 500-508	3.8	8
246	Clinical response to VimQ thalamic stereotactic radiosurgery for essential tremor is associated with distinctive functional connectivity patterns. <i>Acta Neurochirurgica</i> , 2018 , 160, 611-624	3	26
245	Visually-sensitive networks in essential tremor: evidence from structural and functional imaging. <i>Brain</i> , 2018 , 141, e47	11.2	11
244	Laser doppler imaging as additional monitoring after digital replanting: A prospective study. <i>Microsurgery</i> , 2018 , 38, 627-633	2.1	1

243	Resting-State Networks of Adolescents Experiencing Depersonalization-Like Illusions: Cross-sectional and Longitudinal Findings. <i>Schizophrenia Bulletin</i> , 2018 , 44, S501-S511	1.3	8
242	Cortical Dysconnectivity Measured by Structural Covariance Is Associated With the Presence of Psychotic Symptoms in 22q11.2 Deletion Syndrome. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018 , 3, 433-442	3.4	9
241	Identifying motor functional neurological disorder using resting-state functional connectivity. <i>NeuroImage: Clinical</i> , 2018 , 17, 163-168	5.3	24
240	Brain Perfusion Measurements Using Multidelay Arterial Spin-Labeling Are Systematically Biased by the Number of Delays. <i>American Journal of Neuroradiology</i> , 2018 , 39, 1432-1438	4.4	18
239	Development of Structural Covariance From Childhood to Adolescence: A Longitudinal Study in 22q11.2DS. <i>Frontiers in Neuroscience</i> , 2018 , 12, 327	5.1	10
238	Pretherapeutic Motor Thalamus Resting-State Functional Connectivity with Visual Areas Predicts Tremor Arrest After Thalamotomy for Essential Tremor: Tracing the Cerebello-thalamo-visuo-motor Network. <i>World Neurosurgery</i> , 2018 , 117, e438-e449	2.1	4
237	Augmented Slepian: Bandlimited Functions That Counterbalance Energy in Selected Intervals. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 4013-4024	4.8	4
236	Pretherapeutic resting-state fMRI profiles are associated with MR signature volumes after stereotactic radiosurgical thalamotomy for essential tremor. <i>Journal of Neurosurgery</i> , 2018 , 129, 63-71	3.2	2
235	Structural Correlates of Personality Dimensions in Healthy Aging and MCI. <i>Frontiers in Psychology</i> , 2018 , 9, 2652	3.4	2
234	Alpha Oscillations Reduce Temporal Long-Range Dependence in Spontaneous Human Brain Activity. <i>Journal of Neuroscience</i> , 2018 , 38, 755-764	6.6	22
233	Right Brodmann area 18 predicts tremor arrest after Vim radiosurgery: a voxel-based morphometry study. <i>Acta Neurochirurgica</i> , 2018 , 160, 603-609	3	19
232	Psychotic symptoms influence the development of anterior cingulate BOLD variability in 22q11.2 deletion syndrome. <i>Schizophrenia Research</i> , 2018 , 193, 319-328	3.6	13
231	210 Vento-Lateral Motor Thalamus Abnormal Connectivity in Essential Tremor Before and After Stereotactic Radiosurgical Thalamotomy: A Resting-State fMRI Study. <i>Neurosurgery</i> , 2018 , 65, 118-119	3.2	2
230	Graph Signal Processing of Human Brain Imaging Data 2018 ,		1
229	Brain imaging of locomotion in neurological conditions. <i>Neurophysiologie Clinique</i> , 2018 , 48, 337-359	2.7	26
228	Graph slepian to strike a balance between local and global network interactions: Application to functional brain imaging 2018 ,		4
227	Active pain coping is associated with the response in real-time fMRI neurofeedback during pain. <i>Brain Imaging and Behavior</i> , 2017 , 11, 712-721	4.1	27
226	Disentangling resting-state BOLD variability and PCC functional connectivity in 22q11.2 deletion syndrome. <i>NeuroImage</i> , 2017 , 149, 85-97	7.9	33

225	Continuous vs. intermittent neurofeedback to regulate auditory cortex activity of tinnitus patients using real-time fMRI - A pilot study. <i>NeuroImage: Clinical</i> , 2017 , 14, 97-104	5.3	40
224	High-Resolution fMRI of Auditory Cortical Map Changes in Unilateral Hearing Loss and Tinnitus. <i>Brain Topography</i> , 2017 , 30, 685-697	4.3	15
223	. <i>IEEE Signal Processing Letters</i> , 2017 , 24, 1001-1004	3.2	14
222	Sparse coupled hidden Markov models shed light on resting-state fMRI cross-network interactions 2017 ,		1
221	OpenNFT: An open-source Python/Matlab framework for real-time fMRI neurofeedback training based on activity, connectivity and multivariate pattern analysis. <i>NeuroImage</i> , 2017 , 156, 489-503	7.9	37
220	Dynamic reorganization of intrinsic functional networks in the mouse brain. <i>NeuroImage</i> , 2017 , 152, 497-508	7.9	37
219	The dynamic functional connectome: State-of-the-art and perspectives. <i>NeuroImage</i> , 2017 , 160, 41-54	7.9	605
218	Inter-hemispherical asymmetry in default-mode functional connectivity and BAIAP2 gene are associated with anger expression in ADHD adults. <i>Psychiatry Research - Neuroimaging</i> , 2017 , 269, 54-61	2.9	9
217	Dynamics of functional connectivity at high spatial resolution reveal long-range interactions and fine-scale organization. <i>Scientific Reports</i> , 2017 , 7, 12773	4.9	27
216	Electroencephalographic Resting-State Networks: Source Localization of Microstates. <i>Brain Connectivity</i> , 2017 , 7, 671-682	2.7	113
215	Assessing the clinical outcome of Vim radiosurgery with voxel-based morphometry: visual areas are linked with tremor arrest!. <i>Acta Neurochirurgica</i> , 2017 , 159, 2139-2144	3	31
214	Dynamics of large-scale fMRI networks: Deconstruct brain activity to build better models of brain function. <i>Current Opinion in Biomedical Engineering</i> , 2017 , 3, 28-36	4.4	39
213	EEG topographies provide subject-specific correlates of motor control. <i>Scientific Reports</i> , 2017 , 7, 13229	4.9	24
212	Real-time fMRI data for testing OpenNFT functionality. <i>Data in Brief</i> , 2017 , 14, 344-347	1.2	9
211	Altered structural network architecture is predictive of the presence of psychotic symptoms in patients with 22q11.2 deletion syndrome. <i>NeuroImage: Clinical</i> , 2017 , 16, 142-150	5.3	15
210	2017 ,		7
209	Memory performance-related dynamic brain connectivity indicates pathological burden and genetic risk for Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2017 , 9, 24	9	26
208	Distributed Patterns of Brain Activity Underlying Real-Time fMRI Neurofeedback Training. <i>IEEE Transactions on Biomedical Engineering</i> , 2017 , 64, 1228-1237	5	8

207	Fine-scale patterns driving dynamic functional connectivity provide meaningful brain parcellations 2017 ,		1
206	Optical projection tomography for rapid whole mouse brain imaging. <i>Biomedical Optics Express</i> , 2017 , 8, 5637-5650	3.5	18
205	Maintenance of Voluntary Self-regulation Learned through Real-Time fMRI Neurofeedback. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 131	3.3	15
204	Learning Control Over Emotion Networks Through Connectivity-Based Neurofeedback. <i>Cerebral Cortex</i> , 2017 , 27, 1193-1202	5.1	81
203	Guiding network analysis using graph slepians: an illustration for the C. Elegans connectome 2017 ,		1
202	Sympathetic activity and early mobilization in patients in intensive and intermediate care with severe brain injuries: a preliminary prospective randomized study. <i>BMC Neurology</i> , 2016 , 16, 169	3.1	15
201	Prediction of long-term memory scores in MCI based on resting-state fMRI. <i>NeuroImage: Clinical</i> , 2016 , 12, 785-795	5.3	31
200	Multidimensional Texture Analysis for Improved Prediction of Ultrasound Liver Tumor Response to Chemotherapy Treatment. <i>Lecture Notes in Computer Science</i> , 2016 , 619-626	0.9	1
199	Large-scale functional network reorganization in 22q11.2 deletion syndrome revealed by modularity analysis. <i>Cortex</i> , 2016 , 82, 86-99	3.8	13
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8	Brain functional connectivity dynamics in the aftermaths of affective and cognitive events	1
7	Structural control energy of resting-state functional brain states reveals inefficient brain dynamics in psychosis vulnerability	3
6	Temporal complexity of fMRI is reproducible and correlates with higher order cognition	1
5	Interpreting Null Models of Resting-State Functional MRI	1
4	Structure-function interplay as signature for brain decoding and fingerprinting	2
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