

Nicola Toschi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8104943/publications.pdf>

Version: 2024-02-01

246
papers

8,004
citations

57758

44
h-index

66911

78
g-index

260
all docs

260
docs citations

260
times ranked

10876
citing authors

#	ARTICLE	IF	CITATIONS
1	Invasive aspergillosis in relapsed/refractory acute myeloid leukaemia patients: Results from SEIFEM 2016 survey. <i>Mycoses</i> , 2022, 65, 171-177.	4.0	3
2	Imaging biomarkers for Alzheimer's disease and glaucoma: Current and future practices. <i>Current Opinion in Pharmacology</i> , 2022, 62, 137-144.	3.5	5
3	Patient-clinician brain concordance underlies causal dynamics in nonverbal communication and negative affective expressivity. <i>Translational Psychiatry</i> , 2022, 12, 44.	4.8	10
4	A deep graph neural network architecture for modelling spatio-temporal dynamics in resting-state functional MRI data. <i>Medical Image Analysis</i> , 2022, 79, 102471.	11.6	20
5	Radiomics in breast cancer classification and prediction. <i>Seminars in Cancer Biology</i> , 2021, 72, 238-250.	9.6	165
6	Sleep quality relates to emotional reactivity via intracortical myelination. <i>Sleep</i> , 2021, 44, .	1.1	22
7	Deep computational pathology in breast cancer. <i>Seminars in Cancer Biology</i> , 2021, 72, 226-237.	9.6	30
8	Thymosin Alpha 1 Mitigates Cytokine Storm in Blood Cells From Coronavirus Disease 2019 Patients. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofaa588.	0.9	27
9	Cortical and phase rim lesions on 7 T MRI as markers of multiple sclerosis disease progression. <i>Brain Communications</i> , 2021, 3, fcab134.	3.3	24
10	Physical Exercise and Alzheimer's Disease: Effects on Pathophysiological Molecular Pathways of the Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2897.	4.1	30
11	Functional brain network reorganization in HIV infection. <i>Journal of Neuroimaging</i> , 2021, 31, 796-808.	2.0	6
12	Neuroticism and Risk of Parkinson's Disease: A Meta-Analysis. <i>Movement Disorders</i> , 2021, 36, 1863-1870.	3.9	22
13	Effects of Risk Factors on In Situ Expression of Proinflammatory Markers Correlated to Carotid Plaque Instability. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2021, Publish Ahead of Print, 741-749.	1.2	3
14	Causal dynamics of patient/clinician facial expression transfer are associated with insula cortex brain-to-brain concordance. <i>Journal of Pain</i> , 2021, 22, 606.	1.4	1
15	Editorial: Magnetic Resonance-Guided Focused Ultrasound: Physical Principles and Biomedical Applications. <i>Frontiers in Physics</i> , 2021, 9, .	2.1	1
16	Global and local brain connectivity changes associated with sudden unilateral sensorineural hearing loss. <i>NMR in Biomedicine</i> , 2021, 34, e4544.	2.8	7
17	Is neuroticism differentially associated with risk of Alzheimer's disease, vascular dementia, and frontotemporal dementia?. <i>Journal of Psychiatric Research</i> , 2021, 138, 34-40.	3.1	25
18	Vapoenucleaci3n prost3tica con l3ser Tulio. 3s igual de segura y efectiva en pacientes ancianos? An3lisis por puntuaci3n de propensi3n de los resultados funcionales y perioperatorios tempranos. <i>Actas Urol3gicas Espa3olas</i> , 2021, 45, 648-655.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Precision medicine in breast cancer: From biological imaging to artificial intelligence. <i>Seminars in Cancer Biology</i> , 2021, 72, 1-3.	9.6	7
20	Omics sciences for systems biology in Alzheimer's disease: State-of-the-art of the evidence. <i>Ageing Research Reviews</i> , 2021, 69, 101346.	10.9	74
21	Reply to: "Is Consciousness Related to the Risk of Parkinson's Disease?". <i>Movement Disorders</i> , 2021, 36, 2216-2216.	3.9	2
22	Thalamic neuroinflammation as a reproducible and discriminating signature for chronic low back pain. <i>Pain</i> , 2021, 162, 1241-1249.	4.2	24
23	A novel multi-branch architecture for state-of-the-art robust detection of pathological phonocardiograms. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200264.	3.4	5
24	Advanced computation in cardiovascular physiology: new challenges and opportunities. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200265.	3.4	2
25	Neuroanatomical markers of familial risk in adolescents with conduct disorder and their unaffected relatives. <i>Psychological Medicine</i> , 2021, , 1-11.	4.5	2
26	Echo state network models for nonlinear Granger causality. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200256.	3.4	11
27	Is thulium laser vapoenucleation of the prostate equally safe and effective in elderly patients? A propensity score matched analysis of early perioperative and functional outcomes. <i>Actas Urológicas Españolas (English Edition)</i> , 2021, 45, 648-655.	0.2	2
28	Compartmental models for diffusion weighted MRI reveal widespread brain changes in HIV-infected patients. , 2021, 2021, 3834-3837.		2
29	Whole-brain white matter network reorganization in HIV. , 2021, 2021, 3830-3833.		0
30	An interpretable machine learning model to explain the interplay between brain lesions and cortical atrophy in multiple sclerosis. , 2021, 2021, 3757-3760.		2
31	White matter microstructure of the extended limbic system in male and female youth with conduct disorder. <i>Psychological Medicine</i> , 2020, 50, 58-67.	4.5	8
32	Multishell diffusion imaging reveals sex-specific trajectories of early white matter degeneration in normal aging. <i>Neurobiology of Aging</i> , 2020, 86, 191-200.	3.1	23
33	Disruption of brain network organization in patients with human immunodeficiency virus (HIV) infection. , 2020, 2020, 1726-1729.		3
34	Diffusional Kurtosis Imaging of White Matter Degeneration in Glaucoma. <i>Journal of Clinical Medicine</i> , 2020, 9, 3122.	2.4	18
35	Structural connectome and connectivity lateralization of the multimodal vestibular cortical network. <i>NeuroImage</i> , 2020, 222, 117247.	4.2	31
36	Global and local reorganization of brain network connectivity in sudden sensorineural hearing loss. , 2020, 2020, 1730-1733.		2

#	ARTICLE	IF	CITATIONS
37	Unsupervised stratification in neuroimaging through deep latent embeddings. , 2020, 2020, 1568-1571.		7
38	Î²-Secretase1 biological markers for Alzheimerâ€™s disease: state-of-art of validation and qualification. Alzheimer's Research and Therapy, 2020, 12, 130.	6.2	16
39	Reorganization of the structural connectome in primary open angle Glaucoma. NeuroImage: Clinical, 2020, 28, 102419.	2.7	19
40	Association of plasma YKL-40 with brain amyloid-Î² levels, memory performance, and sex in subjective memory complainers. Neurobiology of Aging, 2020, 96, 22-32.	3.1	18
41	Sensitivity of Neuroimaging Indicators in Monitoring the Effects of Interferon Gamma Treatment in Friedreichâ€™s Ataxia. Frontiers in Neuroscience, 2020, 14, 872.	2.8	7
42	Magnetic Resonance Methods for Focused Ultrasound-Induced Blood-Brain Barrier Opening. Frontiers in Physics, 2020, 8, .	2.1	6
43	Brain networks reorganization and functional disability in glaucoma. Progress in Brain Research, 2020, 257, 65-76.	1.4	9
44	Heart Rate Variability Parameters During Psychogenic Non-epileptic Seizures: Comparison Between Patients With Pure PNES and Comorbid Epilepsy. Frontiers in Neurology, 2020, 11, 713.	2.4	13
45	Detection of abnormal phonocardiograms through the Mel-frequency ceptrum and convolutional neural networks. , 2020, , .		1
46	Altered Autonomic Response in Patients with Persistent Postural-Perceptual Dizziness during Simulated Vertical Self-Motion. , 2020, , .		0
47	COVID-19: contact and gesture monitoring using PROUD Technology. Occupational Medicine, 2020, 70, 334-334.	1.4	1
48	A deep spatiotemporal graph learning architecture for brain connectivity analysis. , 2020, 2020, 1120-1123.		4
49	A novel Graph Attention Network Architecture for modeling multimodal brain connectivity. , 2020, 2020, 1071-1074.		3
50	Frequency dependent functional brain reorganization in anesthesia is specific to drug concentration. , 2020, 2020, 2921-2924.		0
51	Multidimensional autonomic nervous system profiles relate to psychiatric disturbances, emotion and personality. , 2020, , .		0
52	Disruption of structural brain networks in Primary Open Angle Glaucoma. , 2020, 2020, 1705-1708.		2
53	A Body Tracking-Based Low-Cost Solution for Monitoring Workersâ€™ Hygiene Best Practices during Pandemics. Sensors, 2020, 20, 6149.	3.8	8
54	Ultrasound Neuromodulation: Mechanisms and the Potential of Multimodal Stimulation for Neuronal Function Assessment. Frontiers in Physics, 2020, 8, .	2.1	60

#	ARTICLE	IF	CITATIONS
55	Uncovering complex central autonomic networks at rest: a functional magnetic resonance imaging study on complex cardiovascular oscillations. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20190878.	3.4	42
56	Frataxin deficiency in Friedreich's ataxia is associated with reduced levels of HAX-1, a regulator of cardiomyocyte death and survival. <i>Human Molecular Genetics</i> , 2020, 29, 471-482.	2.9	8
57	Safety and Efficacy Of Interferon β in Friedreich's Ataxia. <i>Movement Disorders</i> , 2020, 35, 370-371.	3.9	10
58	A Path Toward Precision Medicine for Neuroinflammatory Mechanisms in Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2020, 11, 456.	4.8	201
59	Neuroinflammation in Neurodegenerative Diseases: Current Multi-modal Imaging Studies and Future Opportunities for Hybrid PET/MRI. <i>Neuroscience</i> , 2019, 403, 125-135.	2.3	26
60	DTI-derived indexes of brain WM correlate with cognitive performance in vascular MCI and small-vessel disease. A TBSS study. <i>Brain Imaging and Behavior</i> , 2019, 13, 594-602.	2.1	16
61	Cerebral Multishell Diffusion Imaging Parameters are Associated with Blood Biomarkers of Disease Severity in HIV Infection. <i>Journal of Neuroimaging</i> , 2019, 29, 771-778.	2.0	7
62	Imaging Diagnostic and Pathology in the Management of Oncological-Patients. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-2.	0.8	1
63	Combining Diagnostic Imaging and Pathology for Improving Diagnosis and Prognosis of Cancer. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-10.	0.8	21
64	Variability and Reproducibility of Directed and Undirected Functional MRI Connectomes in the Human Brain. <i>Entropy</i> , 2019, 21, 661.	2.2	15
65	A Parsimonious Granger Causality Formulation for Capturing Arbitrarily Long Multivariate Associations. <i>Entropy</i> , 2019, 21, 629.	2.2	1
66	Novel insights into breast cancer progression and metastasis: A multidisciplinary opportunity to transition from biology to clinical oncology. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1872, 138-148.	7.4	31
67	A novel approach for geographical risk mapping of morbidity and mortality rates: the case of Val D'Agri, Italy. <i>Scientific Reports</i> , 2019, 9, 10348.	3.3	1
68	Selection of anterior circulation acute stroke patients for mechanical thrombectomy. <i>Journal of Neurology</i> , 2019, 266, 2620-2628.	3.6	8
69	Primary Open Angle Glaucoma Is Associated With Functional Brain Network Reorganization. <i>Frontiers in Neurology</i> , 2019, 10, 1134.	2.4	24
70	Time-resolved connectome of the five-factor model of personality. <i>Scientific Reports</i> , 2019, 9, 15066.	3.3	8
71	Lower Functional Connectivity in Vestibular-Limbic Networks in Individuals With Subclinical Agoraphobia. <i>Frontiers in Neurology</i> , 2019, 10, 874.	2.4	15
72	In vivo Probabilistic Structural Atlas of the Inferior and Superior Colliculi, Medial and Lateral Geniculate Nuclei and Superior Olivary Complex in Humans Based on 7 Tesla MRI. <i>Frontiers in Neuroscience</i> , 2019, 13, 764.	2.8	31

#	ARTICLE	IF	CITATIONS
73	Biomarker-guided clustering of Alzheimer's disease clinical syndromes. <i>Neurobiology of Aging</i> , 2019, 83, 42-53.	3.1	48
74	Plaque calcification is driven by different mechanisms of mineralization associated with specific cardiovascular risk factors. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019, 29, 1330-1336.	2.6	22
75	Children With Autism Spectrum Disorder and Their Mothers Share Abnormal Expression of Selected Endogenous Retroviruses Families and Cytokines. <i>Frontiers in Immunology</i> , 2019, 10, 2244.	4.8	32
76	Evidence for Progressive Microstructural Damage in Early Multiple Sclerosis by Multi-Shell Diffusion Magnetic Resonance Imaging. <i>Neuroscience</i> , 2019, 403, 27-34.	2.3	10
77	Central modulation of parasympathetic outflow is impaired in de novo Parkinson's disease patients. <i>PLoS ONE</i> , 2019, 14, e0210324.	2.5	22
78	Stroke volume variation and intraoperative bleeding during functional endoscopic sinus surgery. <i>Minerva Anestesiologica</i> , 2019, 85, 93-94.	1.0	0
79	Evidence of early microstructural white matter abnormalities in multiple sclerosis from multi-shell diffusion MRI. <i>NeuroImage: Clinical</i> , 2019, 22, 101699.	2.7	27
80	An Ad Hoc Random Initialization Deep Neural Network Architecture for Discriminating Malignant Breast Cancer Lesions in Mammographic Images. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-9.	0.8	18
81	Plasma amyloid β 40/42 ratio predicts cerebral amyloidosis in cognitively normal individuals at risk for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019, 15, 764-775.	0.8	122
82	Differential default mode network trajectories in asymptomatic individuals at risk for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019, 15, 940-950.	0.8	43
83	A Machine Learning Tool for Interpreting Differences in Cognition Using Brain Features. <i>IFIP Advances in Information and Communication Technology</i> , 2019, , 475-486.	0.7	1
84	The central autonomic network at rest: Uncovering functional MRI correlates of time-varying autonomic outflow. <i>NeuroImage</i> , 2019, 197, 383-390.	4.2	92
85	The influence of respiration on brainstem and cardiovagal response to auricular vagus nerve stimulation: A multimodal ultrahigh-field (7T) fMRI study. <i>Brain Stimulation</i> , 2019, 12, 911-921.	1.6	104
86	Whole brain in vivo axonal diameter mapping in multiple sclerosis. , 2019, 2019, 204-207.		6
87	Recurrent neural networks for reconstructing complex directed brain connectivity. , 2019, 2019, 6418-6421.		5
88	Resting State Neural Correlates of Cardiac Sympathetic Dynamics in Healthy Subjects. , 2019, 2019, 4330-4333.		0
89	Reduced betweenness centrality of a sensory-motor vestibular network in subclinical agoraphobia. , 2019, 2019, 4342-4345.		1
90	Disruption of brain network organization in primary open angle glaucoma. , 2019, 2019, 4338-4341.		10

#	ARTICLE	IF	CITATIONS
91	A random initialization deep neural network for discriminating malignant breast cancer lesions. , 2019, 2019, 912-915.		5
92	Increased circulating levels of Epidermal Growth Factor-like Domain 7 in pregnant women affected by preeclampsia. Translational Research, 2019, 207, 19-29.	5.0	13
93	Non-Invasive Detection of Mechanical Alternans Utilizing Photoplethysmography. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 2409-2416.	6.3	8
94	Drug repositioning screening identifies etravirine as a potential therapeutic for friedreich's ataxia. Movement Disorders, 2019, 34, 323-334.	3.9	20
95	A parameter-efficient deep learning approach to predict conversion from mild cognitive impairment to Alzheimer's disease. NeuroImage, 2019, 189, 276-287.	4.2	260
96	Intra-cortical myelin mediates personality differences. Journal of Personality, 2019, 87, 889-902.	3.2	21
97	Breast Osteoblast-like Cells: A Reliable Early Marker for Bone Metastases From Breast Cancer. Clinical Breast Cancer, 2018, 18, e659-e669.	2.4	56
98	Alzheimer's disease biomarker-guided diagnostic workflow using the added value of six combined cerebrospinal fluid candidates: A β ₁₋₄₂ , total tau, phosphorylated tau, NFL, neurogranin, and YKL40. Alzheimer's and Dementia, 2018, 14, 492-501.	0.8	91
99	Revolution of Alzheimer Precision Neurology. Passageway of Systems Biology and Neurophysiology. Journal of Alzheimer's Disease, 2018, 64, S47-S105.	2.6	122
100	A probabilistic template of human mesopontine tegmental nuclei from in vivo 7 T MRI. NeuroImage, 2018, 170, 222-230.	4.2	45
101	251 Extending directed brain connectivity beyond the mean: in-variance causality. Physica Medica, 2018, 56, 216-217.	0.7	0
102	P3218: NOVEL ALZHEIMER'S DISEASE BIOMARKER-GUIDED DIAGNOSTIC WORKFLOW USING THE ADDED VALUE OF SIX COMBINED CEREBROSPINAL FLUID CANDIDATES: A β ₁₋₄₂ , TOTAL TAU, PHOSPHORYLATED TAU, NFL, NEUROGRANIN, AND YKL40. Alzheimer's and Dementia, 2018, 14, P1154.	0.8	1
103	250. A complete computational framework for simulating and inferring directed neuronal coupling under haemodynamic convolution. Physica Medica, 2018, 56, 216.	0.7	0
104	P2237: ASSOCIATION OF CSF ALPHA-SYNUCLEIN AND TAU CONCENTRATIONS WITH AMYLOID MEAN CORTICAL STANDARD UPTAKE VALUE RATIOS IN PRECLINICAL SUBJECTIVE MEMORY COMPLAINERS STRATIFIED BY ALZHEIMER'S DISEASE BIOMARKERS. Alzheimer's and Dementia, 2018, 14, P762.	0.8	0
105	The role of intraoperative stroke volume variation on bleeding during functional endoscopic sinus surgery. Minerva Anestesiologica, 2018, 84, 1246-1253.	1.0	8
106	P4186: INNOVATIVE BIOMARKER-GUIDED DIAGNOSTIC SYSTEM FROM PRECLINICAL TO ALZHEIMER'S DISEASE DEMENTIA. Alzheimer's and Dementia, 2018, 14, P1510.	0.8	0
107	The lncRNA H19 positively affects the tumorigenic properties of glioblastoma cells and contributes to NKD1 repression through the recruitment of EZH2 on its promoter. Oncotarget, 2018, 9, 15512-15525.	1.8	40
108	A Multi-modal Convolutional Neural Network Framework for the Prediction of Alzheimer's Disease. , 2018, 2018, 1271-1274.		34

#	ARTICLE	IF	CITATIONS
109	Spectral Domain Optical Coherence Tomography Assessment of Macular and Optic Nerve Alterations in Patients with Glaucoma and Correlation with Visual Field Index. <i>Journal of Ophthalmology</i> , 2018, 2018, 1-9.	1.3	17
110	Structural connectome of the human vestibular, pre-motor, and navigation network *. , 2018, 2018, 588-591.		1
111	A realistic neuronal network and neurovascular coupling model for the study of multivariate directed connectivity in fMRI data. , 2018, 2018, 5537-5540.		2
112	Can Serum Cystatin C predict long-term survival in cardiac surgery patients?. <i>Aging</i> , 2018, 10, 425-433.	3.1	6
113	Basal Forebrain Volume, but Not Hippocampal Volume, Is a Predictor of Global Cognitive Decline in Patients With Alzheimer's Disease Treated With Cholinesterase Inhibitors. <i>Frontiers in Neurology</i> , 2018, 9, 642.	2.4	32
114	Effect of Alzheimer's disease risk and protective factors on cognitive trajectories in subjective memory complainers: An INSIGHTâ€preAD study. <i>Alzheimer's and Dementia</i> , 2018, 14, 1126-1136.	0.8	20
115	Functional Connectome of the Five-Factor Model of Personality. <i>Personality Neuroscience</i> , 2018, 1, .	1.6	40
116	Association of cerebrospinal fluid τ and α synuclein with total and phospho τ protein concentrations and brain amyloid load in cognitively normal subjective memory complainers stratified by Alzheimer's disease biomarkers. <i>Alzheimer's and Dementia</i> , 2018, 14, 1623-1631.	0.8	45
117	Sex differences in functional and molecular neuroimaging biomarkers of Alzheimer's disease in cognitively normal older adults with subjective memory complaints. <i>Alzheimer's and Dementia</i> , 2018, 14, 1204-1215.	0.8	79
118	Multivariate Granger causality unveils directed parietal to prefrontal cortex connectivity during task-free MRI. <i>Scientific Reports</i> , 2018, 8, 5571.	3.3	32
119	Radiological, Histological and Chemical Analysis of Breast Microcalcifications: Diagnostic Value and Biological Significance. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2018, 23, 89-99.	2.7	46
120	Carotid Artery Stent Placement and Carotid Endarterectomy: A Challenge for Urgent Treatment after Strokeâ€Early and 12-Month Outcomes in a Comprehensive Stroke Center. <i>Journal of Vascular and Interventional Radiology</i> , 2018, 29, 1254-1261.e2.	0.5	8
121	Blood-Based Biomarker Screening with Agnostic Biological Definitions for an Accurate Diagnosis Within the Dimensional Spectrum of Neurodegenerative Diseases. <i>Methods in Molecular Biology</i> , 2018, 1750, 139-155.	0.9	12
122	Assessment of Instantaneous Heartbeat Dynamics in amnesic Mild Cognitive Impairment. <i>IFMBE Proceedings</i> , 2018, , 366-369.	0.3	0
123	Motion sickness increases functional connectivity between visual motion and nausea-associated brain regions. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017, 202, 108-113.	2.8	40
124	E3 Ligase RNF126 Directly Ubiquitinates Frataxin, Promoting Its Degradation: Identification of a Potential Therapeutic Target for Friedreich Ataxia. <i>Cell Reports</i> , 2017, 18, 2007-2017.	6.4	35
125	Functional connectivity in amygdalarâ€sensory/(pre)motor networks at rest: new evidence from the Human Connectome Project. <i>European Journal of Neuroscience</i> , 2017, 45, 1224-1229.	2.6	41
126	Complexity Variability Assessment of Nonlinear Time-Varying Cardiovascular Control. <i>Scientific Reports</i> , 2017, 7, 42779.	3.3	44

#	ARTICLE	IF	CITATIONS
127	Two-level diagnostic classification using cerebrospinal fluid YKL40 in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2017, 13, 993-1003.	0.8	39
128	Silver nanoparticles inhaled during pregnancy reach and affect the placenta and the foetus. <i>Nanotoxicology</i> , 2017, 11, 687-698.	3.0	102
129	Diagnostic accuracy of CSF neurofilament light chain protein in the biomarker-guided classification system for Alzheimer's disease. <i>Neurochemistry International</i> , 2017, 108, 355-360.	3.8	46
130	Sex Differences in the Relationship Between Conduct Disorder and Cortical Structure in Adolescents. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2017, 56, 703-712.	0.5	40
131	Exposure to ultrafine particles in different transport modes in the city of Rome. <i>Environmental Pollution</i> , 2017, 228, 201-210.	7.5	40
132	Resting state fMRI regional homogeneity correlates with cognition measures in subcortical vascular cognitive impairment. <i>Journal of the Neurological Sciences</i> , 2017, 373, 1-6.	0.6	36
133	Cerebrospinal Fluid Neurogranin as a Biomarker of Neurodegenerative Diseases: A Cross-Sectional Study. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 1327-1334.	2.6	35
134	Resting-state brain correlates of cardiovascular complexity. , 2017, 2017, 3317-3320.		4
135	Resting-state brain correlates of instantaneous autonomic outflow. , 2017, 2017, 3325-3328.		13
136	Estimating directed brain-brain and brain-heart connectivity through globally conditioned Granger causality approaches. , 2017, 2017, 4367-4370.		1
137	Cardiac Autonomic Changes in Epilepsy. , 2017, , 375-386.		3
138	Early axonal damage in normal appearing white matter in multiple sclerosis: Novel insights from multi-shell diffusion MRI. , 2017, 2017, 3024-3027.		12
139	[P1028]: DIAGNOSTIC ACCURACY OF CSF NEUROFILAMENT LIGHT CHAIN PROTEIN IN THE UNBIASED BIOMARKER-GUIDED CLASSIFICATION SYSTEM FOR ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, 0.8 P243.	0.8	0
140	[P3198]: PREDICTION PERFORMANCE OF ALPHA-SYNUCLEIN PROTEIN IN PRECLINICAL SUBJECTIVE MEMORY COMPLAINERS STRATIFIED BY AD BIOMARKERS: THE INSIGHT-PRE AD STUDY. <i>Alzheimer's and Dementia</i> , 2017, 13, P1011.	0.8	0
141	[P1282]: DIAGNOSTIC ACCURACY OF CSF A β 42, P-TAU, T-TAU, NEUROFILAMENT LIGHT CHAIN, NEUROGRANIN, YKL40 COMBINED BIOMARKERS IN A MULTICENTER COHORT OF COGNITIVELY IMPAIRED PATIENTS. <i>Alzheimer's and Dementia</i> , 2017, 13, P358.	0.8	0
142	[P1287]: DIAGNOSTIC ACCURACY OF CSF NEUROFILAMENT LIGHT CHAIN PROTEIN IN THE UNBIASED BIOMARKER-GUIDED CLASSIFICATION SYSTEM FOR ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, 0.8 P361.	0.8	0
143	[P2260]: TWO-LEVEL DIAGNOSTIC CLASSIFICATION USING CEREBROSPINAL FLUID NEUROGRANIN IN ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P712.	0.8	0
144	[O40205]: UNBIASED BIOMARKER-BASED CATEGORIZATION OF A MULTICENTER COHORT OF ADD, MCI AND FTD PATIENTS. <i>Alzheimer's and Dementia</i> , 2017, 13, P1231.	0.8	0

#	ARTICLE	IF	CITATIONS
145	Prediction of postoperative outcomes using intraoperative hemodynamic monitoring data. Scientific Reports, 2017, 7, 16376.	3.3	9
146	Surface-based morphometry reveals the neuroanatomical basis of the five-factor model of personality. Social Cognitive and Affective Neuroscience, 2017, 12, nsw175.	3.0	136
147	Dynamical brain connectivity estimation using GARCH models: An application to personality neuroscience. , 2017, 2017, 3305-3308.		2
148	Dynamic inter-network connectivity in the human brain. , 2017, 2017, 3313-3316.		3
149	Simultaneous estimation of the in-mean and in-variance causal connectomes of the human brain. , 2017, 2017, 4371-4374.		3
150	Altered Insular and Occipital Responses to Simulated Vertical Self-Motion in Patients with Persistent Postural-Perceptual Dizziness. Frontiers in Neurology, 2017, 8, 529.	2.4	74
151	Infectious disease ward admission positively influences P. jiroveci pneumonia (PjP) outcome: A retrospective analysis of 116 HIV-positive and HIV-negative immunocompromised patients. PLoS ONE, 2017, 12, e0176881.	2.5	13
152	432. Sex Differences in the Relationship between Conduct Disorder and Cortical Structure in Adolescents. Biological Psychiatry, 2017, 81, S176-S177.	1.3	0
153	White matter microstructural damage and depressive symptoms in patients with mild cognitive impairment and cerebral small vessel disease: the VMCIâ€“Tuscany Study. International Journal of Geriatric Psychiatry, 2016, 31, 611-618.	2.7	15
154	Heart rate variability in untreated newly diagnosed temporal lobe epilepsy: Evidence for ictal sympathetic dysregulation. Epilepsia, 2016, 57, 418-426.	5.1	45
155	Distribution-aware estimation of the minimum achievable uncertainty in diffusion-tensor imaging (DTI). , 2016, 2016, 5541-5544.		0
156	Predicting seizures in untreated temporal lobe epilepsy using point-process nonlinear models of heartbeat dynamics. , 2016, 2016, 985-988.		5
157	Differences in Gaussian diffusion tensor imaging and non-Gaussian diffusion kurtosis imaging model-based estimates of diffusion tensor invariants in the human brain. Medical Physics, 2016, 43, 2464-2475.	3.0	36
158	Forecasting nanoparticle toxicity using nonlinear predictive regressor learning systems. , 2016, 2016, 137-140.		3
159	Su1567 Motion Sickness Increases Functional Connectivity Between Visual Motion and Nausea-Associated Brain Regions. Gastroenterology, 2016, 150, S528.	1.3	0
160	The pulsatility volume index: an indicator of cerebrovascular compliance based on fast magnetic resonance imaging of cardiac and respiratory pulsatility. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150184.	3.4	17
161	Globally conditioned Granger causality in brainâ€“brain and brainâ€“heart interactions: a combined heart rate variability/ultra-high-field (7 T) functional magnetic resonance imaging study. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150185.	3.4	42
162	Uncovering brainâ€“heart information through advanced signal and image processing. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20160020.	3.4	34

#	ARTICLE	IF	CITATIONS
163	In vivo functional connectome of human brainstem nuclei of the ascending arousal, autonomic, and motor systems by high spatial resolution 7-Tesla fMRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2016, 29, 451-462.	2.0	59
164	Biomarker-guided classification scheme of neurodegenerative diseases. <i>Journal of Sport and Health Science</i> , 2016, 5, 383-387.	6.5	22
165	Mapping the structural organization of the brain in conduct disorder: replication of findings in two independent samples. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 1018-1026.	5.2	14
166	Reconstructing multivariate causal structure between functional brain networks through a Laguerre-Volterra based Granger causality approach. , 2016, 2016, 5477-5480.		3
167	Brain-heart linear and nonlinear dynamics during visual emotional elicitation in healthy subjects. , 2016, 2016, 5497-5500.		1
168	Low MT ratio in hippocampus of amnesic MCI patients who will progress to AD. <i>Journal of Neurology</i> , 2016, 263, 1024-1026.	3.6	1
169	Regional Cerebral Disease Progression in Friedreich's Ataxia: A Longitudinal Diffusion Tensor Imaging Study. <i>Journal of Neuroimaging</i> , 2016, 26, 197-200.	2.0	25
170	On the use of trace-weighted images in body diffusional kurtosis imaging. <i>Magnetic Resonance Imaging</i> , 2016, 34, 502-507.	1.8	26
171	Assessment of spontaneous cardiovascular oscillations in Parkinson's disease. <i>Biomedical Signal Processing and Control</i> , 2016, 26, 80-89.	5.7	26
172	Prediction of Impaired Performance in Trail Making Test in MCI Patients With Small Vessel Disease Using DTI Data. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2016, 20, 1026-1033.	6.3	27
173	Physics, Techniques and Review of Neuroradiological Applications of Diffusion Kurtosis Imaging (DKI). <i>Clinical Neuroradiology</i> , 2016, 26, 391-403.	1.9	59
174	Evolving Evidence for the Value of Neuroimaging Methods and Biological Markers in Subjects Categorized with Subjective Cognitive Decline. <i>Journal of Alzheimer's Disease</i> , 2015, 48, S171-S191.	2.6	34
175	Cortical thickness in <i>de novo</i> patients with Parkinson disease and mild cognitive impairment with consideration of clinical phenotype and motor laterality. <i>European Journal of Neurology</i> , 2015, 22, 1564-1572.	3.3	40
176	Brain imaging in glaucoma from clinical studies to clinical practice. <i>Progress in Brain Research</i> , 2015, 221, 159-175.	1.4	9
177	The transcriptome and miRNome profiling of glioblastoma tissues and peritumoral regions highlights molecular pathways shared by tumors and surrounding areas and reveals differences between short-term and long-term survivors. <i>Oncotarget</i> , 2015, 6, 22526-22552.	1.8	30
178	Structural <i>connectomic</i> ™ alterations in the limbic system of multiple sclerosis patients with major depression. <i>Multiple Sclerosis Journal</i> , 2015, 21, 1003-1012.	3.0	49
179	Globally conditioned causality in estimating directed brain-heart interactions through joint MRI and RR series analysis. , 2015, 2015, 3795-8.		0
180	Intraoperative hemodynamics predict postoperative mortality in orthotopic liver transplantation. , 2015, 2015, 989-92.		1

#	ARTICLE	IF	CITATIONS
181	Lower instantaneous entropy of heartbeat dynamics during seizures in untreated temporal lobe epilepsy. , 2015, , .		1
182	Multimodal MRI classification in vascular mild cognitive impairment. , 2015, 2015, 4278-81.		6
183	Toward an <i>In Vivo</i> Neuroimaging Template of Human Brainstem Nuclei of the Ascending Arousal, Autonomic, and Motor Systems. <i>Brain Connectivity</i> , 2015, 5, 597-607.	1.7	68
184	Progression of Microstructural Damage in Spinocerebellar Ataxia Type 2: A Longitudinal DTI Study. <i>American Journal of Neuroradiology</i> , 2015, 36, 1096-1101.	2.4	34
185	STABILITY AND RESPONSIVENESS OF THE CARDIOVASCULAR SYSTEM UNDER A PHYSIOLOGICALLY INSPIRED BAROREFLEX MODEL. <i>Journal of Mechanics in Medicine and Biology</i> , 2015, 15, 1540014.	0.7	1
186	Diffusion-MRI in neurodegenerative disorders. <i>Magnetic Resonance Imaging</i> , 2015, 33, 853-876.	1.8	79
187	Brain MR diffusion tensor imaging in Kennedy's disease. <i>Neuroradiology Journal</i> , 2015, 28, 126-132.	1.2	11
188	Cortical thickness, surface area, and folding alterations in male youths with conduct disorder and varying levels of callous/unemotional traits. <i>NeuroImage: Clinical</i> , 2015, 8, 253-260.	2.7	52
189	White Matter Microstructural Damage in Small Vessel Disease Is Associated With Montreal Cognitive Assessment But Not With Mini Mental State Examination Performances. <i>Stroke</i> , 2015, 46, 262-264.	2.0	47
190	Gender, age-related, and regional differences of the magnetization transfer ratio of the cortical and subcortical brain gray matter. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, spcone-spcone.	3.4	0
191	Gender, age-related, and regional differences of the magnetization transfer ratio of the cortical and subcortical brain gray matter. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 360-366.	3.4	9
192	The burden of microstructural damage modulates cortical activation in elderly subjects with MCI and leukoaraiosis. A DTI and fMRI study. <i>Human Brain Mapping</i> , 2014, 35, 819-830.	3.6	48
193	Fluid responsiveness in liver surgery: comparisons of different indices and approaches. <i>Journal of Computational Surgery</i> , 2014, 1, .	0.6	3
194	Progression of brain atrophy in the early stages of Parkinson's disease: A longitudinal tensor-based morphometry study in de novo patients without cognitive impairment. <i>Human Brain Mapping</i> , 2014, 35, 3932-3944.	3.6	75
195	Diffusion tensor imaging in <i>SPG11</i> - and <i>SPG4</i> -linked hereditary spastic paraplegia. <i>International Journal of Neuroscience</i> , 2014, 124, 261-270.	1.6	17
196	fMRI pain activation in the periaqueductal gray in healthy volunteers during the cold pressor test. <i>Magnetic Resonance Imaging</i> , 2014, 32, 236-240.	1.8	40
197	MR Scanner Systems Should Be Adequately Characterized in Diffusion-MRI of the Breast. <i>PLoS ONE</i> , 2014, 9, e86280.	2.5	25
198	Progression of Brain Atrophy in Spinocerebellar Ataxia Type 2: A Longitudinal Tensor-Based Morphometry Study. <i>PLoS ONE</i> , 2014, 9, e89410.	2.5	41

#	ARTICLE	IF	CITATIONS
199	Baroreflex sensitivity variations in response to propofol anesthesia: comparison between normotensive and hypertensive patients. <i>Journal of Clinical Monitoring and Computing</i> , 2013, 27, 417-426.	1.6	24
200	On the estimation of conventional DTI-derived indices by fitting the non-Gaussian DKI model to diffusion-weighted imaging datasets. <i>Neuroradiology</i> , 2013, 55, 1423-1424.	2.2	3
201	Dopamine transporter levels drive striatal responses to apomorphine in Parkinson's disease. <i>Brain and Behavior</i> , 2013, 3, 249-262.	2.2	16
202	Regional Analysis of the Magnetization Transfer Ratio of the Brain in Mild Alzheimer Disease and Amnesic Mild Cognitive Impairment. <i>American Journal of Neuroradiology</i> , 2013, 34, 2098-2104.	2.4	15
203	Relevance of Magnetic Resonance Imaging for Early Detection and Diagnosis of Alzheimer Disease. <i>Medical Clinics of North America</i> , 2013, 97, 399-424.	2.5	151
204	The "Peeking" Effect in Supervised Feature Selection on Diffusion Tensor Imaging Data. <i>American Journal of Neuroradiology</i> , 2013, 34, E107-E107.	2.4	23
205	Imaging Epigenetics in Alzheimer's Disease. <i>Current Pharmaceutical Design</i> , 2013, 19, 6393-6415.	1.9	33
206	Diffusion Kurtosis and Diffusion-Tensor MR Imaging in Parkinson Disease. <i>Radiology</i> , 2012, 265, 645-646.	7.3	23
207	Effects of propofol anesthesia induction on the relationship between arterial blood pressure and heart rate. , 2012, 2012, 2835-8.		4
208	MODELING OF HUMAN BAROREFLEX: CONSIDERATIONS ON THE SEIDEL-HERZEL MODEL. <i>Fluctuation and Noise Letters</i> , 2012, 11, 1240017.	1.5	9
209	Quantifying uncertainty in Transcranial Magnetic Stimulation - A high resolution simulation study in ICBM space. , 2012, 2012, 1218-21.		4
210	Identification of Mild Alzheimer's Disease through automated classification of structural MRI features. , 2012, 2012, 428-31.		12
211	Physiologic autonomic arousal heralds motor manifestations of seizures in nocturnal frontal lobe epilepsy: Implications for pathophysiology. <i>Sleep Medicine</i> , 2012, 13, 252-262.	1.6	49
212	Comparisons of predictors of fluid responsiveness in major surgery. , 2012, 2012, 3128-30.		1
213	Kinematic and Diffusion Tensor Imaging Definition of Familial Marcus Gunn Jaw-Winking Synkinesis. <i>PLoS ONE</i> , 2012, 7, e51749.	2.5	18
214	Intra- and inter-beat modeling of cardiovascular dynamics and control: Assessing haemodynamic stability and responsiveness. , 2011, 2011, 8440-3.		2
215	Estimation of baroreflex sensitivity during anesthesia induction with propofol. , 2011, 2011, 3788-91.		1
216	Technical Note: DTI measurements of fractional anisotropy and mean diffusivity at 1.5 T: Comparison of two radiofrequency head coils with different functional designs and sensitivities. <i>Medical Physics</i> , 2011, 38, 3205-3211.	3.0	26

#	ARTICLE	IF	CITATIONS
217	Arterial blood pressure regulation following aorta clamping and declamping during surgery. , 2011, 2011, 8428-31.		0
218	Intraoperative haemodynamic monitoring: A pilot study on integrated data collection, processing and modelling for extracting vital signs and beyond. , 2010, , .		4
219	Differential response of peripheral arterial compliance-related indices to a vasoconstrictive stimulus. <i>Physiological Measurement</i> , 2009, 30, 81-100.	2.1	7
220	VENTRICULAR INTERACTION AND CARDIAC PATHOLOGIES IN A THICK SHELL MODEL OF CARDIAC CHAMBER DEFORMATION. <i>Journal of Mechanics in Medicine and Biology</i> , 2009, 09, 31-48.	0.7	0
221	Transcranial magnetic stimulation in heterogeneous brain tissue: Clinical impact on focality, reproducibility and true sham stimulation. <i>Journal of Psychiatric Research</i> , 2009, 43, 255-264.	3.1	38
222	Interventricular coupling coefficients in a thick shell model of passive cardiac chamber deformation. <i>Medical and Biological Engineering and Computing</i> , 2008, 46, 637-648.	2.8	3
223	A reconstruction of the conductive phenomena elicited by transcranial magnetic stimulation in heterogeneous brain tissue. <i>Physica Medica</i> , 2008, 24, 80-86.	0.7	40
224	Investigation of mechanical cardiorespiratory interactions through combined structural and functional modeling. , 2008, , .		0
225	Oxytocin actions within the supraoptic and paraventricular nuclei: differential effects on peripheral and intranuclear vasopressin release. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R29-R36.	1.8	34
226	Reduced Activity of the Noradrenergic System in the Paraventricular Nucleus at the End of Pregnancy: Implications for Stress Hyporesponsiveness. <i>Journal of Neuroendocrinology</i> , 2005, 17, 40-48.	2.6	63
227	Reduction of Hypothalamic Vasopressinergic Hyperdrive Contributes to Clinically Relevant Behavioral and Neuroendocrine Effects of Chronic Paroxetine Treatment in a Psychopathological Rat Model. <i>Neuropsychopharmacology</i> , 2003, 28, 235-243.	5.4	156
228	No Stress Response of the Hypothalamo-Pituitary-Adrenal Axis in Parturient Rats: Lack of Involvement of Brain Oxytocin. <i>Endocrinology</i> , 2003, 144, 2473-2479.	2.8	41
229	Chronic psychosocial stress and concomitant repetitive transcranial magnetic stimulation: effects on stress hormone levels and adult hippocampal neurogenesis. <i>Biological Psychiatry</i> , 2002, 52, 1057-1065.	1.3	305
230	Repetitive transcranial magnetic stimulation increases the release of dopamine in the mesolimbic and mesostriatal system. <i>Neuropharmacology</i> , 2002, 43, 101-109.	4.1	283
231	Repetitive Transcranial Magnetic Stimulation (rTMS) in Major Depression Relation between Efficacy and Stimulation Intensity. <i>Neuropsychopharmacology</i> , 2002, 27, 638-45.	5.4	98
232	Increased hypothalamic expression of prolactin in lactation: involvement in behavioural and neuroendocrine stress responses. <i>European Journal of Neuroscience</i> , 2002, 15, 1381-1389.	2.6	184
233	Dimensions of emotionality in a rat model of innate anxiety.. <i>Behavioral Neuroscience</i> , 2001, 115, 429-436.	1.2	114
234	Anxiolytic and Anti-Stress Effects of Brain Prolactin: Improved Efficacy of Antisense Targeting of the Prolactin Receptor by Molecular Modeling. <i>Journal of Neuroscience</i> , 2001, 21, 3207-3214.	3.6	238

#	ARTICLE	IF	CITATIONS
235	Maternal defence as an emotional stressor in female rats: correlation of neuroendocrine and behavioural parameters and involvement of brain oxytocin. <i>European Journal of Neuroscience</i> , 2001, 13, 1016-1024.	2.6	142
236	Neuroendocrine and Behavioral Effects of Repetitive Transcranial Magnetic Stimulation in a Psychopathological Animal Model Are Suggestive of Antidepressant-like Effects. <i>Neuropsychopharmacology</i> , 2001, 24, 337-349.	5.4	123
237	Dimensions of emotionality in a rat model of innate anxiety. <i>Behavioral Neuroscience</i> , 2001, 115, 429-36.	1.2	31
238	[16] Sequence design and practical implementation of antisense oligonucleotides in neuroendocrinology. <i>Methods in Enzymology</i> , 2000, 314, 223-238.	1.0	1
239	Acute transcranial magnetic stimulation of frontal brain regions selectively modulates the release of vasopressin, biogenic amines and amino acids in the rat brain. <i>European Journal of Neuroscience</i> , 2000, 12, 3713-3720.	2.6	146
240	Long-Term Repetitive Transcranial Magnetic Stimulation Increases the Expression of Brain-Derived Neurotrophic Factor and Cholecystinin mRNA, but not Neuropeptide Tyrosine mRNA in Specific Areas of Rat Brain. <i>Neuropsychopharmacology</i> , 2000, 23, 205-215.	5.4	245
241	Repetitive transcranial magnetic stimulation induces active coping strategies and attenuates the neuroendocrine stress response in rats. <i>Journal of Psychiatric Research</i> , 2000, 34, 265-276.	3.1	67
242	Influence of mRNA Self-Structure on Hybridization: Computational Tools for Antisense Sequence Selection. <i>Methods</i> , 2000, 22, 261-269.	3.8	15
243	Unconditioned anxiety and social behaviour in two rat lines selectively bred for high and low anxiety-related behaviour. <i>Behavioural Brain Research</i> , 2000, 111, 153-163.	2.2	125
244	Brain oxytocin inhibits the (re)activity of the hypothalamo-pituitary-adrenal axis in male rats: involvement of hypothalamic and limbic brain regions. <i>Regulatory Peptides</i> , 2000, 96, 31-38.	1.9	233
245	245. Repetitive transcranial magnetic stimulation-evidence for antidepressant-like and neuroprotective effects. <i>Biological Psychiatry</i> , 2000, 47, S74-S75.	1.3	0
246	Detecting Mechanical Alternans Utilizing Photoplethysmography. , 0, , .		1