

Paul M Parizel

List of Publications by Citations

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194
papers

4,978
citations

39
h-index

65
g-index

207
ext. papers

6,387
ext. citations

5.1
avg, IF

5.23
L-index

#	Paper	IF	Citations
194	Traumatic brain injury: integrated approaches to improve prevention, clinical care, and research. <i>Lancet Neurology, The</i> , 2017 , 16, 987-1048	24.1	851
193	The radiology report as seen by radiologists and referring clinicians: results of the COVER and ROVER surveys. <i>Radiology</i> , 2011 , 259, 184-95	20.5	154
192	Case-mix, care pathways, and outcomes in patients with traumatic brain injury in CENTER-TBI: a European prospective, multicentre, longitudinal, cohort study. <i>Lancet Neurology, The</i> , 2019 , 18, 923-934	24.1	139
191	Validation of computational fluid dynamics in CT-based airway models with SPECT/CT. <i>Radiology</i> , 2010 , 257, 854-62	20.5	122
190	Feasibility of tissue magnetic resonance imaging: a pilot study in comparison with tissue Doppler imaging and invasive measurement. <i>Journal of the American College of Cardiology</i> , 2005 , 45, 1109-16	15.1	118
189	Mindfulness based intervention in Parkinson's disease leads to structural brain changes on MRI: a randomized controlled longitudinal trial. <i>Clinical Neurology and Neurosurgery</i> , 2013 , 115, 2419-25	2	111
188	Accuracy of MRI in characterization of soft tissue tumors and tumor-like lesions. A prospective study in 548 patients. <i>European Radiology</i> , 2004 , 14, 2320-30	8	98
187	Partial tear of the anterior cruciate ligament of the knee: injury patterns on MR imaging. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012 , 20, 256-61	5.5	92
186	Nonrigid coregistration of diffusion tensor images using a viscous fluid model and mutual information. <i>IEEE Transactions on Medical Imaging</i> , 2007 , 26, 1598-612	11.7	91
185	The course of diaphragm atrophy in ventilated patients assessed with ultrasound: a longitudinal cohort study. <i>Critical Care</i> , 2015 , 19, 422	10.8	87
184	Accuracy of placement of the glenoid component in reversed shoulder arthroplasty with and without navigation. <i>Journal of Shoulder and Elbow Surgery</i> , 2011 , 20, 21-6	4.3	77
183	Comparing isotropic and anisotropic smoothing for voxel-based DTI analyses: A simulation study. <i>Human Brain Mapping</i> , 2010 , 31, 98-114	5.9	77
182	Anterolateral ligament abnormalities in patients with acute anterior cruciate ligament rupture are associated with lateral meniscal and osseous injuries. <i>European Radiology</i> , 2016 , 26, 3383-91	8	71
181	On the construction of an inter-subject diffusion tensor magnetic resonance atlas of the healthy human brain. <i>NeuroImage</i> , 2008 , 43, 69-80	7.9	71
180	Brainstem hemorrhage in descending transtentorial herniation (Duret hemorrhage). <i>Intensive Care Medicine</i> , 2002 , 28, 85-8	14.5	71
179	Cortical reorganization in an astronaut's brain after long-duration spaceflight. <i>Brain Structure and Function</i> , 2016 , 221, 2873-6	4	66
178	The effect of spaceflight and microgravity on the human brain. <i>Journal of Neurology</i> , 2017 , 264, 18-22	5.5	66

177	An experimental model for kinematic analysis of the knee. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009 , 91 Suppl 6, 150-63	5.6	66
176	Three tesla magnetic resonance imaging of the anterior cruciate ligament of the knee: can we differentiate complete from partial tears?. <i>Skeletal Radiology</i> , 2011 , 40, 701-7	2.7	64
175	Correlation of cognitive dysfunction and diffusion tensor MRI measures in patients with mild and moderate multiple sclerosis. <i>Journal of Magnetic Resonance Imaging</i> , 2010 , 31, 1492-8	5.6	63
174	A tracking-based diffusion tensor imaging segmentation method for the detection of diffusion-related changes of the cervical spinal cord with aging. <i>Journal of Magnetic Resonance Imaging</i> , 2008 , 27, 978-91	5.6	63
173	Brain Tissue-Volume Changes in Cosmonauts. <i>New England Journal of Medicine</i> , 2018 , 379, 1678-1680	59.2	62
172	Evaluation of the solitary pulmonary nodule: size matters, but do not ignore the power of morphology. <i>Insights Into Imaging</i> , 2018 , 9, 73-86	5.6	61
171	Brain ventricular volume changes induced by long-duration spaceflight. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 10531-10536	11.5	58
170	Cortical hypoxic-ischemic brain damage in shaken-baby (shaken impact) syndrome: value of diffusion-weighted MRI. <i>Pediatric Radiology</i> , 2003 , 33, 868-71	2.8	57
169	Prospective comparison of 1.5 and 3.0-T MRI for evaluating the knee menisci and ACL. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013 , 95, 916-24	5.6	55
168	The effect of template selection on diffusion tensor voxel-based analysis results. <i>NeuroImage</i> , 2011 , 55, 566-73	7.9	50
167	A diffusion tensor imaging group study of the spinal cord in multiple sclerosis patients with and without T2 spinal cord lesions. <i>Journal of Magnetic Resonance Imaging</i> , 2009 , 30, 25-34	5.6	50
166	Mindfulness Training among Individuals with Parkinson Disease: Neurobehavioral Effects. <i>Parkinsons Disease</i> , 2015 , 2015, 816404	2.6	49
165	Prefrontal GABA concentration changes in women-Influence of menstrual cycle phase, hormonal contraceptive use, and correlation with premenstrual symptoms. <i>Brain Research</i> , 2015 , 1597, 129-38	3.7	48
164	Machine learning algorithms performed no better than regression models for prognostication in traumatic brain injury. <i>Journal of Clinical Epidemiology</i> , 2020 , 122, 95-107	5.7	47
163	Radiologists' Usage of Social Media: Results of the RANSOM Survey. <i>Journal of Digital Imaging</i> , 2016 , 29, 443-9	5.3	46
162	Comparison of magnetic resonance imaging of aortic valve stenosis and aortic root to multimodality imaging for selection of transcatheter aortic valve implantation candidates. <i>American Journal of Cardiology</i> , 2011 , 108, 92-8	3	45
161	On the construction of a ground truth framework for evaluating voxel-based diffusion tensor MRI analysis methods. <i>NeuroImage</i> , 2009 , 46, 692-707	7.9	45
160	Does the use of hormonal contraceptives cause microstructural changes in cerebral white matter? Preliminary results of a DTI and tractography study. <i>European Radiology</i> , 2013 , 23, 57-64	8	40

159	Developmental dyslexia and widespread activation across the cerebellar hemispheres. <i>Brain and Language</i> , 2009 , 108, 122-32	2.9	40
158	Gadolinium-DOTA enhanced MR imaging of intracranial lesions. <i>Journal of Computer Assisted Tomography</i> , 1989 , 13, 378-85	2.2	40
157	Stability of resting state networks in the female brain during hormonal changes and their relation to premenstrual symptoms. <i>Brain Research</i> , 2015 , 1624, 275-285	3.7	39
156	Whole brain white matter changes revealed by multiple diffusion metrics in multiple sclerosis: a TBSS study. <i>European Journal of Radiology</i> , 2012 , 81, 2826-32	4.7	39
155	Stable or unstable tear of the anterior cruciate ligament of the knee: an MR diagnosis?. <i>Skeletal Radiology</i> , 2012 , 41, 273-80	2.7	38
154	Preprocedural CT evaluation of transcatheter aortic valve replacement: what the radiologist needs to know. <i>Radiographics</i> , 2014 , 34, 1491-514	5.4	37
153	Structure and content of radiology reports, a quantitative and qualitative study in eight medical centers. <i>European Journal of Radiology</i> , 2009 , 72, 354-8	4.7	37
152	Diffusion Kurtosis Imaging: A Possible MRI Biomarker for AD Diagnosis?. <i>Journal of Alzheimer's Disease</i> , 2015 , 48, 937-48	4.3	35
151	Treatment of intraventricular hemorrhage with intraventricular administration of recombinant tissue plasminogen activator A clinical study of 18 cases. <i>Clinical Neurology and Neurosurgery</i> , 2006 , 108, 451-5	2	35
150	Altered functional brain connectivity in patients with visually induced dizziness. <i>NeuroImage: Clinical</i> , 2017 , 14, 538-545	5.3	34
149	Super-resolution for multislice diffusion tensor imaging. <i>Magnetic Resonance in Medicine</i> , 2013 , 69, 103-114	4.3	34
148	Affine Coregistration of Diffusion Tensor Magnetic Resonance Images Using Mutual Information. <i>Lecture Notes in Computer Science</i> , 2005 , 523-530	0.9	34
147	The effect of roflumilast in addition to LABA/LAMA/ICS treatment in COPD patients. <i>European Respiratory Journal</i> , 2014 , 44, 527-9	13.6	33
146	Comparing the neural basis of decision making in social dilemmas of people with different social value orientations, a fMRI study.. <i>Journal of Neuroscience, Psychology, and Economics</i> , 2011 , 4, 11-24	1.6	33
145	Meningoencephalitis caused by Streptococcus pneumoniae: a diagnostic and therapeutic challenge. Diagnosis with diffusion-weighted MRI leading to treatment with corticosteroids. <i>Neuroradiology</i> , 2005 , 47, 758-64	3.2	33
144	Evaluation of an anthropometric shape model of the human scalp. <i>Applied Ergonomics</i> , 2015 , 48, 70-85	4.2	32
143	How do referring clinicians want radiologists to report? Suggestions from the COVER survey. <i>Insights Into Imaging</i> , 2011 , 2, 577-584	5.6	30
142	Super-resolution reconstruction of diffusion parameters from diffusion-weighted images with different slice orientations. <i>Magnetic Resonance in Medicine</i> , 2016 , 75, 181-95	4.4	29

141	Effect of high-dose N-acetylcysteine on airway geometry, inflammation, and oxidative stress in COPD patients. <i>International Journal of COPD</i> , 2013 , 8, 569-79	3	29
140	Diffusion tensor imaging provides an insight into the microstructure of meningiomas, high-grade gliomas, and peritumoral edema. <i>Journal of Computer Assisted Tomography</i> , 2012 , 36, 577-82	2.2	27
139	Diagnostic performance of 3D SPACE for comprehensive knee joint assessment at 3 T. <i>Insights Into Imaging</i> , 2012 , 3, 603-10	5.6	26
138	Spaceflight-induced neuroplasticity in humans as measured by MRI: what do we know so far?. <i>Npj Microgravity</i> , 2017 , 3, 2	5.3	25
137	Macro- and microstructural changes in cosmonauts' brains after long-duration spaceflight. <i>Science Advances</i> , 2020 , 6,	14.3	24
136	The cognitive demands on cooperation in social dilemmas: an fMRI study. <i>Social Neuroscience</i> , 2012 , 7, 494-509	2	23
135	Partial deletion of AFG3L2 causing spinocerebellar ataxia type 28. <i>Neurology</i> , 2014 , 82, 2092-100	6.5	22
134	Spontaneous spinal epidural hematoma in infancy: review of the literature and the "seventh" case report. <i>European Journal of Paediatric Neurology</i> , 2013 , 17, 537-42	3.8	21
133	Can post-mortem CT reliably distinguish between drowning and non-drowning asphyxiation?. <i>International Journal of Legal Medicine</i> , 2015 , 129, 159-64	3.1	20
132	Brain stones revisited-between a rock and a hard place. <i>Insights Into Imaging</i> , 2013 ,	5.6	20
131	Central versus Local Radiological Reading of Acute Computed Tomography Characteristics in Multi-Center Traumatic Brain Injury Research. <i>Journal of Neurotrauma</i> , 2019 , 36, 1080-1092	5.4	20
130	Assessment of Anterolateral Complex Injuries by Magnetic Resonance Imaging in Patients With Acute Rupture of the Anterior Cruciate Ligament. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019 , 35, 521-527	5.4	19
129	Transcatheter aortic valve replacement: postoperative CT findings of Sapien and CoreValve transcatheter heart valves. <i>Radiographics</i> , 2014 , 34, 1517-36	5.4	18
128	Endothelial dysfunction in acute brain injury and the development of cerebral ischemia. <i>Journal of Neuroscience Research</i> , 2015 , 93, 866-72	4.4	17
127	Diffusion Tensor Imaging: A Possible Biomarker in Severe Traumatic Brain Injury and Aneurysmal Subarachnoid Hemorrhage?. <i>Neurosurgery</i> , 2016 , 79, 786-793	3.2	17
126	Diagnostic and clinical features of lung cancer associated with cystic airspaces. <i>Journal of Thoracic Disease</i> , 2019 , 11, 987-1004	2.6	16
125	A Curious Case of Acute Myocardial Calcifications. <i>Circulation</i> , 2016 , 133, e426-7	16.7	16
124	A functional MRI study on how oxytocin affects decision making in social dilemmas: Cooperate as long as it pays off, aggress only when you think you can win. <i>Hormones and Behavior</i> , 2017 , 94, 145-152	3.7	16

123	Exposure to gadolinium and neurotoxicity: current status of preclinical and clinical studies. <i>Neuroradiology</i> , 2020 , 62, 925-934	3.2	16
122	White matter microstructure and volitional motor activity in schizophrenia: A diffusion kurtosis imaging study. <i>Psychiatry Research - Neuroimaging</i> , 2017 , 260, 29-36	2.9	15
121	Absence of dentate nucleus resting-state functional connectivity changes in nonneurological patients with gadolinium-related hyperintensity on T-weighted images. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 50, 445-455	5.6	15
120	Comparison of 1.5- and 3-T MR imaging for evaluating the articular cartilage of the knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2014 , 22, 1376-84	5.5	15
119	Diffusion tensor imaging of the anterior cruciate ligament graft. <i>Journal of Magnetic Resonance Imaging</i> , 2017 , 46, 1423-1432	5.6	14
118	Benchmarking adult CT-dose levels to regional and national references using a dose-tracking software: a multicentre experience. <i>Insights Into Imaging</i> , 2017 , 8, 513-521	5.6	14
117	Multiple pterygium syndrome with body asymmetry. <i>American Journal of Medical Genetics Part A</i> , 1993 , 47, 106-11		14
116	Reproducibility of hormone-driven regional grey matter volume changes in women using SPM8 and SPM12. <i>Brain Structure and Function</i> , 2016 , 221, 4631-4641	4	14
115	Diffusion kurtosis imaging with free water elimination: A bayesian estimation approach. <i>Magnetic Resonance in Medicine</i> , 2018 , 80, 802-813	4.4	13
114	Three-Tesla magnetic resonance imaging of the meniscus of the knee: What about equivocal errors?. <i>Acta Radiologica</i> , 2010 , 51, 296-301	2	13
113	High-resolution susceptibility-weighted imaging at 3 T with a 32-channel head coil: technique and clinical applications. <i>American Journal of Roentgenology</i> , 2010 , 195, 1007-14	5.4	13
112	Intraventricular thrombolysis for massive intraventricular hemorrhage due to periventricular arteriovenous malformations: no absolute contraindications as rescue therapy prior to surgical repair or embolization?. <i>Clinical Neurology and Neurosurgery</i> , 2009 , 111, 544-50	2	13
111	Tricho-rhino-phalangeal syndrome type I (TRP I) due to an apparently balanced translocation involving 8q24. <i>American Journal of Medical Genetics Part A</i> , 1993 , 45, 450-5		13
110	Functional respiratory imaging to assess the interaction between systemic roflumilast and inhaled ICS/LABA/LAMA. <i>International Journal of COPD</i> , 2016 , 11, 263-71	3	13
109	Advanced CT acquisition protocol with a third-generation dual-source CT scanner and iterative reconstruction technique for comprehensive prosthetic heart valve assessment. <i>European Radiology</i> , 2018 , 28, 2159-2168	8	13
108	Fast MR arthrography using VIBE sequences to evaluate the rotator cuff. <i>Skeletal Radiology</i> , 2009 , 38, 669-74	2.7	12
107	Streptococcus pneumoniae meningoenzephalitis with unusual and widespread white matter lesions. <i>European Journal of Paediatric Neurology</i> , 2008 , 12, 127-32	3.8	12
106	Differences between Men and Women in Treatment and Outcome after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2021 , 38, 235-251	5.4	12

105	Aberrant fronto-striatal connectivity and fine motor function in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2019 , 288, 44-50	2.9	11
104	Increased T1 Signal Intensity of the Anterior Pituitary Gland on Unenhanced Magnetic Resonance Images After Chronic Exposure to Gadodiamide. <i>Investigative Radiology</i> , 2020 , 55, 25-29	10.1	11
103	Outcome Prediction after Moderate and Severe Traumatic Brain Injury: External Validation of Two Established Prognostic Models in 1742 European Patients. <i>Journal of Neurotrauma</i> , 2021 , 38, 1377-1388	5.4	11
102	Morphological MR imaging of the articular cartilage of the knee at 3T-comparison of standard and novel 3D sequences. <i>Insights Into Imaging</i> , 2015 , 6, 285-93	5.6	10
101	CT imaging features of atrioventricular shunts: what the radiologist must know. <i>Insights Into Imaging</i> , 2016 , 7, 119-29	5.6	10
100	Intrinsic functional connectivity reduces after first-time exposure to short-term gravitational alterations induced by parabolic flight. <i>Scientific Reports</i> , 2017 , 7, 3061	4.9	10
99	Individual differences in self-control in a time discounting task: An fMRI study.. <i>Journal of Neuroscience, Psychology, and Economics</i> , 2014 , 7, 65-79	1.6	10
98	Individual differences in behavioral flexibility in a probabilistic reversal learning task: An fMRI study.. <i>Journal of Neuroscience, Psychology, and Economics</i> , 2014 , 7, 203-218	1.6	10
97	Development of acute schmorl nodes after discography. <i>Journal of Computer Assisted Tomography</i> , 2009 , 33, 597-600	2.2	10
96	Magnetic Resonance Imaging of the Brain 2010 , 107-195		10
95	Technical Note: A safe, cheap, and easy-to-use isotropic diffusion MRI phantom for clinical and multicenter studies. <i>Medical Physics</i> , 2017 , 44, 1063-1070	4.4	9
94	Impact of Antithrombotic Agents on Radiological Lesion Progression in Acute Traumatic Brain Injury: A CENTER-TBI Propensity-Matched Cohort Analysis. <i>Journal of Neurotrauma</i> , 2020 , 37, 2069-2080	5.4	9
93	Super-resolution T estimation: Quantitative high resolution T mapping from a set of low resolution T-weighted images with different slice orientations. <i>Magnetic Resonance in Medicine</i> , 2017 , 77, 1818-1830	4.4	9
92	Neurofibroma of the vagus nerve in the head and neck: a case report. <i>Head and Neck</i> , 1991 , 13, 56-61	4.2	9
91	Toward a New Multi-Dimensional Classification of Traumatic Brain Injury: A Collaborative European NeuroTrauma Effectiveness Research for Traumatic Brain Injury Study. <i>Journal of Neurotrauma</i> , 2020 , 37, 1002-1010	5.4	9
90	Tracheal intubation in traumatic brain injury: a multicentre prospective observational study. <i>British Journal of Anaesthesia</i> , 2020 , 125, 505-517	5.4	9
89	The Anterolateral Ligament of the Knee: What the Radiologist Needs to Know. <i>Seminars in Musculoskeletal Radiology</i> , 2016 , 20, 26-32	1.8	9
88	Congenital Zika Syndrome: The Main Cause of Death and Correspondence Between Brain CT and Postmortem Histological Section Findings From the Same Individuals. <i>Topics in Magnetic Resonance Imaging</i> , 2019 , 28, 29-33	2.3	9

87	Imaging of urgencies and emergencies in the lung cancer patient. <i>Insights Into Imaging</i> , 2018 , 9, 463-476	5.6	8
86	Galactosidase Alpha p.A143T Variant Fabry Disease May Result in a Phenotype With Multifocal Microvascular Cerebral Involvement at a Young Age. <i>Frontiers in Neurology</i> , 2018 , 9, 336	4.1	8
85	Benchmarking pediatric cranial CT protocols using a dose tracking software system: a multicenter study. <i>European Radiology</i> , 2017 , 27, 841-850	8	8
84	Extramammary findings in T2-weighted MR breast images. <i>European Journal of Radiology</i> , 2012 , 81 Suppl 1, S181-2	4.7	8
83	Global Characterisation of Coagulopathy in Isolated Traumatic Brain Injury (iTBI): A CENTER-TBI Analysis. <i>Neurocritical Care</i> , 2021 , 35, 184-196	3.3	8
82	Comparison of Care System and Treatment Approaches for Patients with Traumatic Brain Injury in China versus Europe: A CENTER-TBI Survey Study. <i>Journal of Neurotrauma</i> , 2020 , 37, 1806-1817	5.4	7
81	NOVIFAST: A Fast Algorithm for Accurate and Precise VFA MRI Mapping. <i>IEEE Transactions on Medical Imaging</i> , 2018 , 37, 2414-2427	11.7	7
80	Mastication dyspraxia: a neurodevelopmental disorder reflecting disruption of the cerebellocerebral network involved in planned actions. <i>Cerebellum</i> , 2013 , 12, 277-89	4.3	7
79	Wolf in Sheep's Clothing: Primary Lung Cancer Mimicking Benign Entities. <i>Lung Cancer</i> , 2017 , 112, 109-117	5.9	7
78	Unusual lesion of the clivus: diagnosis and discussion. <i>Skeletal Radiology</i> , 2011 , 40, 243-4, 223-4	2.7	7
77	Functional respiratory imaging as a tool to personalize respiratory treatment in patients with unilateral diaphragmatic paralysis. <i>Respiratory Care</i> , 2014 , 59, e127-31	2.1	6
76	History of an abusive head trauma including a lucid interval and a retinal hemorrhage is most likely false. <i>American Journal of Forensic Medicine and Pathology</i> , 2013 , 34, 271-6	1	6
75	Streptococcus pneumoniae meningoenkephalitis with bilateral basal ganglia necrosis: an unusual complication due to vasculitis. <i>Journal of Child Neurology</i> , 2011 , 26, 1438-43	2.5	6
74	Role of MRI of the breast in the evaluation of the symptomatic patient. <i>Current Opinion in Obstetrics and Gynecology</i> , 2009 , 21, 74-9	2.4	6
73	Fluid balance and outcome in critically ill patients with traumatic brain injury (CENTER-TBI and OzENTER-TBI): a prospective, multicentre, comparative effectiveness study. <i>Lancet Neurology</i> , 2021 , 20, 627-638	24.1	6
72	Current concepts in imaging and endovascular treatment of acute ischemic stroke: implications for the clinician. <i>Insights Into Imaging</i> , 2019 , 10, 64	5.6	5
71	Within-network brain connectivity in Crohn's disease patients with gadolinium deposition in the cerebellum. <i>Neuroradiology</i> , 2020 , 62, 833-841	3.2	5
70	Coronary artery calcifications and diastolic dysfunction versus visceral fat area in type 1 diabetes: VISCERA study. <i>Journal of Diabetes and Its Complications</i> , 2018 , 32, 271-278	3.2	5

69	Are patients ready for communication with radiologists? Results of the R2P2 survey. <i>Acta Radiologica</i> , 2016 , 57, 1089-98	2	5
68	Traumatic myelopathy: current concepts in imaging. <i>Seminars in Musculoskeletal Radiology</i> , 2014 , 18, 318-31	1.8	5
67	Fasciola hepatica infection in a 65-year-old woman. <i>Journal of Radiology Case Reports</i> , 2010 , 4, 13-9	1.1	5
66	Predictors of Access to Rehabilitation in the Year Following Traumatic Brain Injury: A European Prospective and Multicenter Study. <i>Neurorehabilitation and Neural Repair</i> , 2020 , 34, 814-830	4.7	5
65	Potential of a statistical approach for the standardization of multicenter diffusion tensor data: A phantom study. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 49, 955-965	5.6	5
64	Informed consent procedures in patients with an acute inability to provide informed consent: Policy and practice in the CENTER-TBI study. <i>Journal of Critical Care</i> , 2020 , 59, 6-15	4	4
63	Prognostic Validation of the NINDS Common Data Elements for the Radiologic Reporting of Acute Traumatic Brain Injuries: A CENTER-TBI Study. <i>Journal of Neurotrauma</i> , 2020 , 37, 1269-1282	5.4	4
62	Prediction of Global Functional Outcome and Post-Concussive Symptoms after Mild Traumatic Brain Injury: External Validation of Prognostic Models in the Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI) Study. <i>Journal of Neurotrauma</i> , 2021 , 38, 196-209	5.4	4
61	Experience with a frontal core biopsy device in soft tissue and bone lesions. <i>Skeletal Radiology</i> , 2012 , 41, 447-58	2.7	3
60	MR image analysis: Longitudinal cardiac motion influences left ventricular measurements. <i>European Journal of Radiology</i> , 2010 , 73, 260-5	4.7	3
59	Updated Imaging Findings in Congenital Zika Syndrome: A Disease Story That is Still Being Written. <i>Topics in Magnetic Resonance Imaging</i> , 2019 , 28, 1-14	2.3	3
58	Miliary brain metastases from primary breast carcinoma: a case report. <i>Acta Neurologica Belgica</i> , 2020 , 120, 175-176	1.5	3
57	Overview of the complications and sequelae in spinal infections. <i>Neuroimaging Clinics of North America</i> , 2015 , 25, 309-21	3	2
56	Joint Maximum Likelihood Estimation of Motion and T1 Parameters from Magnetic Resonance Images in a Super-resolution Framework: a Simulation Study. <i>Fundamenta Informaticae</i> , 2020 , 172, 105-128	1.8	2
55	The petromastoid canal in the young child: appearance on computed tomography. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2013 , 77, 803-7	1.7	2
54	Use Case I: Imaging Biomarkers in Neurological Disease. Focus on Multiple Sclerosis 2017 , 169-180		2
53	Epicardial and pericardial fat analysis on CT images and artificial intelligence: a literature review.. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022 , 12, 2075-2089	3.6	2
52	Nerve Sheath Tumors 2017 , 393-424		2

51	Persistent postconcussive symptoms in children and adolescents with mild traumatic brain injury receiving initial head computed tomography. <i>Journal of Neurosurgery: Pediatrics</i> , 2021 , 1-10	2.1	2
50	Radiologists as Co-Authors in Case Reports Containing Radiological Images: Does Their Presence Influence Quality?. <i>Journal of the American College of Radiology</i> , 2019 , 16, 526-527	3.5	2
49	Frequency of fatigue and its changes in the first 6 months after traumatic brain injury: results from the CENTER-TBI study. <i>Journal of Neurology</i> , 2021 , 268, 61-73	5.5	2
48	Molecular profiling in lung cancer associated with cystic airspaces. <i>Acta Clinica Belgica</i> , 2021 , 76, 158-161	1.8	2
47	Primary versus early secondary referral to a specialized neurotrauma center in patients with moderate/severe traumatic brain injury: a CENTER TBI study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2021 , 29, 113	3.6	2
46	Brain Connectometry Changes in Space Travelers After Long-Duration Spaceflight.. <i>Frontiers in Neural Circuits</i> , 2022 , 16, 815838	3.5	2
45	The effect of prolonged spaceflight on cerebrospinal fluid and perivascular spaces of astronauts and cosmonauts.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2120439119	11.5	2
44	Effect of Exposure to Gadodiamide and Brain Irradiation on T -Weighted Images and ADC Maps of the Dentate Nucleus. <i>Journal of Magnetic Resonance Imaging</i> , 2020 , 52, 1525-1530	5.6	1
43	DTI in Diagnosis and Follow-Up of Brain Tumors 2016 , 309-330		1
42	Diffusion Tensor Imaging in Traumatic Brain Injury 2016 , 373-380		1
41	The fibrotic focus in MR-mammography. <i>European Journal of Radiology</i> , 2012 , 81 Suppl 1, S179-80	4.7	1
40	Cerebral activation during von Frey filament stimulation in subjects with endothelin-1-induced mechanical hyperalgesia: a functional MRI study. <i>BioMed Research International</i> , 2013 , 2013, 610727	3	1
39	How to keep your integrity when performing sponsored (imaging) trials. <i>Journal of the American College of Radiology</i> , 2011 , 8, 842-7	3.5	1
38	Images in cardio-thoracic surgery. Identification of a hypertrophied bronchial artery using three-dimensional computed tomography. <i>European Journal of Cardio-thoracic Surgery</i> , 2009 , 36, 764	3	1
37	The effect of task modality and stimulus frequency in paced serial addition tests on functional brain activity. <i>PLoS ONE</i> , 2018 , 13, e0194388	3.7	1
36	Health-related quality of life after traumatic brain injury: deriving value sets for the QOLIBRI-OS for Italy, The Netherlands and The United Kingdom. <i>Quality of Life Research</i> , 2020 , 29, 3095-3107	3.7	1
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