

Stuart M. Grieve

List of Publications by Citations

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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.

155
papers

6,420
citations

41
h-index

76
g-index

159
ext. papers

7,631
ext. citations

4.6
avg, IF

5.67
L-index

#	Paper	IF	Citations
155	Identification of a common neurobiological substrate for mental illness. <i>JAMA Psychiatry</i> , 2015 , 72, 305-11	14.5	711
154	Early life stress and morphometry of the adult anterior cingulate cortex and caudate nuclei. <i>Biological Psychiatry</i> , 2006 , 59, 975-82	7.9	318
153	Brain maturation in adolescence: concurrent changes in neuroanatomy and neurophysiology. <i>Human Brain Mapping</i> , 2007 , 28, 228-37	5.9	243
152	Preservation of limbic and paralimbic structures in aging. <i>Human Brain Mapping</i> , 2005 , 25, 391-401	5.9	231
151	Widespread reductions in gray matter volume in depression. <i>NeuroImage: Clinical</i> , 2013 , 3, 332-9	5.3	229
150	Abnormal structural networks characterize major depressive disorder: a connectome analysis. <i>Biological Psychiatry</i> , 2014 , 76, 567-74	7.9	217
149	Obesity is associated with reduced white matter integrity in otherwise healthy adults. <i>Obesity</i> , 2011 , 19, 500-4	8	167
148	Relationship between body mass index and brain volume in healthy adults. <i>International Journal of Neuroscience</i> , 2008 , 118, 1582-93	2	159
147	Loss of white matter integrity in major depressive disorder: evidence using tract-based spatial statistical analysis of diffusion tensor imaging. <i>Human Brain Mapping</i> , 2011 , 32, 2161-71	5.9	152
146	Progressive grey matter atrophy over the first 2-3 years of illness in first-episode schizophrenia: a tensor-based morphometry study. <i>NeuroImage</i> , 2006 , 32, 511-9	7.9	139
145	The relationship between frontal gray matter volume and cognition varies across the healthy adult lifespan. <i>American Journal of Geriatric Psychiatry</i> , 2006 , 14, 823-33	6.5	136
144	Fast, high-resolution in vivo cine magnetic resonance imaging in normal and failing mouse hearts on a vertical 11.7 T system. <i>Journal of Magnetic Resonance Imaging</i> , 2003 , 18, 691-701	5.6	130
143	Regional white matter and neuropsychological functioning across the adult lifespan. <i>Biological Psychiatry</i> , 2006 , 60, 444-53	7.9	127
142	Amygdala Reactivity to Emotional Faces in the Prediction of General and Medication-Specific Responses to Antidepressant Treatment in the Randomized iSPOT-D Trial. <i>Neuropsychopharmacology</i> , 2015 , 40, 2398-408	8.7	125
141	Assessment of motion gating strategies for mouse magnetic resonance at high magnetic fields. <i>Journal of Magnetic Resonance Imaging</i> , 2004 , 19, 229-37	5.6	110
140	Disturbances in selective information processing associated with the BDNF Val66Met polymorphism: evidence from cognition, the P300 and fronto-hippocampal systems. <i>Biological Psychology</i> , 2009 , 80, 176-88	3.2	108
139	Chronic cigarette smoking and the microstructural integrity of white matter in healthy adults: a diffusion tensor imaging study. <i>Nicotine and Tobacco Research</i> , 2008 , 10, 137-47	4.9	108

138	Testing the white matter retrogenesis hypothesis of cognitive aging. <i>Neurobiology of Aging</i> , 2012 , 33, 1699-715	5.6	104
137	Frontoparietal Activation During Response Inhibition Predicts Remission to Antidepressants in Patients With Major Depression. <i>Biological Psychiatry</i> , 2016 , 79, 274-81	7.9	92
136	Using standardized fMRI protocols to identify patterns of prefrontal circuit dysregulation that are common and specific to cognitive and emotional tasks in major depressive disorder: first wave results from the iSPOT-D study. <i>Neuropsychopharmacology</i> , 2013 , 38, 863-71	8.7	91
135	Diffusion tensor imaging predictors of treatment outcomes in major depressive disorder. <i>British Journal of Psychiatry</i> , 2014 , 205, 321-8	5.4	90
134	Hippocampal volume varies with educational attainment across the life-span. <i>Frontiers in Human Neuroscience</i> , 2012 , 6, 307	3.3	90
133	COMT Val(108/158)Met polymorphism effects on emotional brain function and negativity bias. <i>NeuroImage</i> , 2010 , 53, 918-25	7.9	85
132	Volumetric white matter abnormalities in first-episode schizophrenia: a longitudinal, tensor-based morphometry study. <i>American Journal of Psychiatry</i> , 2007 , 164, 1082-9	11.9	80
131	Brain derived neurotrophic factor Val66Met polymorphism, the five factor model of personality and hippocampal volume: Implications for depressive illness. <i>Human Brain Mapping</i> , 2009 , 30, 1246-56	5.9	72
130	Body mass index and brain structure in healthy children and adolescents. <i>International Journal of Neuroscience</i> , 2014 , 124, 49-55	2	70
129	Diffusion tensor imaging of the corpus callosum: a cross-sectional study across the lifespan. <i>International Journal of Developmental Neuroscience</i> , 2007 , 25, 215-21	2.7	70
128	Higher education is an age-independent predictor of white matter integrity and cognitive control in late adolescence. <i>Developmental Science</i> , 2013 , 16, 653-64	4.5	67
127	The relationship between early life stress and microstructural integrity of the corpus callosum in a non-clinical population. <i>Neuropsychiatric Disease and Treatment</i> , 2008 , 4, 193-201	3.1	67
126	Impact of the HTR3A gene with early life trauma on emotional brain networks and depressed mood. <i>Depression and Anxiety</i> , 2010 , 27, 752-9	8.4	60
125	COGNITION-CHILDHOOD MALTREATMENT INTERACTIONS IN THE PREDICTION OF ANTIDEPRESSANT OUTCOMES IN MAJOR DEPRESSIVE DISORDER PATIENTS: RESULTS FROM THE iSPOT-D TRIAL. <i>Depression and Anxiety</i> , 2015 , 32, 594-604	8.4	51
124	Regional heterogeneity in limbic maturational changes: evidence from integrating cortical thickness, volumetric and diffusion tensor imaging measures. <i>NeuroImage</i> , 2011 , 55, 868-79	7.9	49
123	Cognitive control network anatomy correlates with neurocognitive behavior: A longitudinal study. <i>Human Brain Mapping</i> , 2017 , 38, 631-643	5.9	48
122	Mapping inter-regional connectivity of the entire cortex to characterize major depressive disorder: a whole-brain diffusion tensor imaging tractography study. <i>NeuroReport</i> , 2012 , 23, 566-71	1.7	46
121	High-resolution, high-throughput magnetic paragraph sign resonance imaging of mouse embryonic paragraph sign anatomy using a fast gradient-echo sequence. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2003 , 16, 43-51	2.8	44

120	Relative contributions of the cerebellar vermis and prefrontal lobe volumes on cognitive function across the adult lifespan. <i>Neurobiology of Aging</i> , 2009 , 30, 457-65	5.6	43
119	The integrate model of emotion, thinking and self regulation: an application to the "paradox of aging". <i>Journal of Integrative Neuroscience</i> , 2008 , 7, 367-404	1.5	43
118	A Trial of Extending Hemodialysis Hours and Quality of Life. <i>Journal of the American Society of Nephrology: JASN</i> , 2017 , 28, 1898-1911	12.7	42
117	A disproportionate contribution of papillary muscles and trabeculations to total left ventricular mass makes choice of cardiovascular magnetic resonance analysis technique critical in Fabry disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015 , 17, 22	6.9	41
116	Magnetic Resonance Imaging Measures of Brain Structure to Predict Antidepressant Treatment Outcome in Major Depressive Disorder. <i>EBioMedicine</i> , 2015 , 2, 37-45	8.8	41
115	Ultrasmall superparamagnetic iron oxide nanoparticle prelabelling of human neural precursor cells. <i>Biomaterials</i> , 2014 , 35, 5549-64	15.6	41
114	Early Life Stress on Brain Structure and Function Across the Lifespan: A Preliminary Study. <i>Brain Imaging and Behavior</i> , 2008 , 2, 49-58	4.1	39
113	Differences in the BOLD fMRI response to direct and indirect cortical stimulation in the rat. <i>Magnetic Resonance in Medicine</i> , 2003 , 49, 838-47	4.4	38
112	Revealing the Hippocampal Connectome through Super-Resolution 1150-Direction Diffusion MRI. <i>Scientific Reports</i> , 2019 , 9, 2418	4.9	37
111	Subcortical hyperintensities impact cognitive function among a select subset of healthy elderly. <i>Archives of Clinical Neuropsychology</i> , 2005 , 20, 697-704	2.7	37
110	Use of multi-velocity encoding 4D flow MRI to improve quantification of flow patterns in the aorta. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 43, 352-63	5.6	37
109	Neurocognitive and Psychiatric Issues Post Cardiac Surgery. <i>Heart Lung and Circulation</i> , 2017 , 26, 779-785	5.8	31
108	Gestational stress induces the unfolded protein response, resulting in heart defects. <i>Development (Cambridge)</i> , 2016 , 143, 2561-72	6.6	31
107	Cardiac involvement in genotype-positive Fabry disease patients assessed by cardiovascular MR. <i>Heart</i> , 2016 , 102, 298-302	5.1	31
106	Brain imaging predictors and the international study to predict optimized treatment for depression: study protocol for a randomized controlled trial. <i>Trials</i> , 2013 , 14, 224	2.8	31
105	Imaging predictors of remission to anti-depressant medications in major depressive disorder. <i>Journal of Affective Disorders</i> , 2015 , 186, 134-44	6.6	30
104	Renal developmental defects resulting from in utero hypoxia are associated with suppression of ureteric Eatenin signaling. <i>Kidney International</i> , 2015 , 87, 975-83	9.9	30
103	Elimination of Nyquist ghosting caused by read-out to phase-encode gradient cross-terms in EPI. <i>Magnetic Resonance in Medicine</i> , 2002 , 47, 337-43	4.4	30

102	Silent Brain Infarcts Following Cardiac Procedures: A Systematic Review and Meta-Analysis. <i>Journal of the American Heart Association</i> , 2019 , 8, e010920	6	29
101	Orientational order of Australian spider silks as determined by solid-state NMR. <i>Biopolymers</i> , 2006 , 82, 134-43	2.2	29
100	Microvascular obstruction by intracoronary delivery of mesenchymal stem cells and quantification of resulting myocardial infarction by cardiac magnetic resonance. <i>Circulation: Heart Failure</i> , 2010 , 3, e5-6	7.6	28
99	Regular cocaine use is associated with increased systolic blood pressure, aortic stiffness and left ventricular mass in young otherwise healthy individuals. <i>PLoS ONE</i> , 2014 , 9, e89710	3.7	28
98	Thalamic volume and thalamo-cortical white matter tracts correlate with motor and verbal memory performance. <i>NeuroImage</i> , 2014 , 91, 77-83	7.9	26
97	Early exposure to traumatic stressors impairs emotional brain circuitry. <i>PLoS ONE</i> , 2013 , 8, e75524	3.7	26
96	Potential structural and functional biomarkers of upper motor neuron dysfunction in ALS. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2015 , 17, 85-92	3.6	25
95	4D flow magnetic resonance imaging: role in pediatric congenital heart disease. <i>Asian Cardiovascular and Thoracic Annals</i> , 2018 , 26, 28-37	0.6	24
94	Urinary albumin levels in the normal range determine arterial wall thickness in adults with Type 2 diabetes: a FIELD substudy. <i>Diabetic Medicine</i> , 2005 , 22, 1558-65	3.5	24
93	Insight into hypertrophied hearts: a cardiovascular magnetic resonance study of papillary muscle mass and T1 mapping. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 1034-1040	4.1	23
92	Tractography of the brainstem in major depressive disorder using diffusion tensor imaging. <i>PLoS ONE</i> , 2014 , 9, e84825	3.7	23
91	Platelet-derived growth factor-AB improves scar mechanics and vascularity after myocardial infarction. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	23
90	Structural core of the executive control network: A high angular resolution diffusion MRI study. <i>Human Brain Mapping</i> , 2020 , 41, 1226-1236	5.9	23
89	Brain volumetric, regional cortical thickness and radiographic findings in adults with cyanotic congenital heart disease. <i>NeuroImage: Clinical</i> , 2014 , 4, 319-25	5.3	22
88	Investigation of MCPH1 G37995C and ASPM A44871G polymorphisms and brain size in a healthy cohort. <i>NeuroImage</i> , 2007 , 37, 394-400	7.9	22
87	Selective inhibition of the master regulator transcription factor Egr-1 with catalytic oligonucleotides reduces myocardial injury and improves left ventricular systolic function in a preclinical model of myocardial infarction. <i>Journal of the American Heart Association</i> , 2013 , 2, e000023	6	21
86	Prediction of nonremission to antidepressant therapy using diffusion tensor imaging. <i>Journal of Clinical Psychiatry</i> , 2016 , 77, e436-43	4.6	21
85	Biobanking for discovery of novel cardiovascular biomarkers using imaging-quantified disease burden: protocol for the longitudinal, prospective, BioHEART-CT cohort study. <i>BMJ Open</i> , 2019 , 9, e028649	2	20

84	Intracardiac 4D Flow MRI in Congenital Heart Disease: Recommendations on Behalf of the ISMRM Flow & Motion Study Group. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 50, spcone-spcone	5.6	20
83	Strong and weak binding of water to proteins studied by NMR triple-quantum filtered relaxation spectroscopy of (17)O-water. <i>Biophysical Chemistry</i> , 1997 , 67, 187-98	3.5	20
82	Impact of obesity and epicardial fat on early left atrial dysfunction assessed by cardiac MRI strain analysis. <i>Cardiovascular Diabetology</i> , 2016 , 15, 164	8.7	20
81	Amygdala Activation and Connectivity to Emotional Processing Distinguishes Asymptomatic Patients With Bipolar Disorders and Unipolar Depression. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019 , 4, 361-370	3.4	20
80	Clinical imaging of hypoxia: Current status and future directions. <i>Free Radical Biology and Medicine</i> , 2018 , 126, 296-312	7.8	19
79	Diffusion kurtosis and quantitative susceptibility mapping MRI are sensitive to structural abnormalities in amyotrophic lateral sclerosis. <i>NeuroImage: Clinical</i> , 2019 , 24, 101953	5.3	18
78	Imaging of endolymphatic hydrops in Meniere's disease at 1.5 T using phase-sensitive inversion recovery: (1) demonstration of feasibility and (2) overcoming the limitations of variable gadolinium absorption. <i>European Journal of Radiology</i> , 2012 , 81, 331-8	4.7	17
77	The effect of bulk susceptibility on murine snapshot imaging at 7.0 T: a comparison of snapshot imaging techniques. <i>Magnetic Resonance in Medicine</i> , 2000 , 43, 747-55	4.4	17
76	Intracardiac 4D Flow MRI in Congenital Heart Disease: Recommendations on Behalf of the ISMRM Flow & Motion Study Group. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 50, 677-681	5.6	16
75	Functional genomics and gene-environment interaction highlight the complexity of congenital heart disease caused by Notch pathway variants. <i>Human Molecular Genetics</i> , 2020 , 29, 566-579	5.6	16
74	Relations between right ventricular morphology and clinical, electrical and genetic parameters in Brugada Syndrome. <i>PLoS ONE</i> , 2018 , 13, e0195594	3.7	16
73	Is the Alzheimer's disease cortical thickness signature a biological marker for memory?. <i>Brain Imaging and Behavior</i> , 2016 , 10, 517-23	4.1	15
72	Gender-specific structural abnormalities in major depressive disorder revealed by voxel-based analysis. <i>NeuroImage: Clinical</i> , 2019 , 21, 101668	5.3	15
71	Cognitive ability is associated with changes in the functional organization of the cognitive control brain network. <i>Human Brain Mapping</i> , 2018 , 39, 5028-5038	5.9	15
70	Cardiac magnetic resonance imaging of rapid VCAM-1 up-regulation in myocardial ischemia-reperfusion injury. <i>European Biophysics Journal</i> , 2013 , 42, 61-70	1.9	15
69	EEG connectivity between the subgenual anterior cingulate and prefrontal cortices in response to antidepressant medication. <i>European Neuropsychopharmacology</i> , 2017 , 27, 301-312	1.2	14
68	A computational framework for adjusting flow during peripheral extracorporeal membrane oxygenation to reduce differential hypoxia. <i>Journal of Biomechanics</i> , 2018 , 79, 39-44	2.9	14
67	Age-related changes of shape and flow dynamics in healthy adult aortas: A 4D flow MRI study. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 49, 90-100	5.6	14

66	MRI in Chronic Aortic Dissection: A Systematic Review and Future Directions. <i>Frontiers in Cardiovascular Medicine</i> , 2015 , 2, 5	5.4	14
65	Cardiac thrombi in stress (tako-tsubo) cardiomyopathy: more than an apical issue?. <i>Mayo Clinic Proceedings</i> , 2010 , 85, 863-4	6.4	14
64	Multiple-quantum filtered ¹⁷ O and ²³ Na NMR analysis of mitochondrial suspensions. <i>Biophysical Chemistry</i> , 1998 , 73, 137-43	3.5	14
63	Investigating the neural basis of cognitive control dysfunction in mood disorders. <i>Bipolar Disorders</i> , 2020 , 22, 286-295	3.8	14
62	Characterizing the Risk of Depression Following Mild Traumatic Brain Injury: A Meta-Analysis of the Literature Comparing Chronic mTBI to Non-mTBI Populations. <i>Frontiers in Neurology</i> , 2020 , 11, 350	4.1	13
61	Evaluation of aortic stenosis using cardiovascular magnetic resonance: a systematic review & meta-analysis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020 , 22, 45	6.9	12
60	Gene-environment interaction demonstrates the vulnerability of the embryonic heart. <i>Developmental Biology</i> , 2014 , 391, 99-110	3.1	12
59	Spatial resolution and velocity field improvement of 4D-flow MRI. <i>Magnetic Resonance in Medicine</i> , 2017 , 78, 1959-1968	4.4	11
58	Less Waste on Waist Measurements: Determination of Optimal Waist Circumference Measurement Site to Predict Visceral Adipose Tissue in Postmenopausal Women with Obesity. <i>Nutrients</i> , 2018 , 10,	6.7	11
57	Stoichiometric relationship between Na(+) ions transported and glucose consumed in human erythrocytes: Bayesian analysis of (²³)Na and (¹³)C NMR time course data. <i>Biophysical Journal</i> , 2013 , 104, 1676-84	2.9	11
56	NMR triple-quantum filtered relaxation analysis of ¹⁷ O-water in insulin solutions: an insight into the aggregation of insulin and the properties of its bound water. <i>Biophysical Chemistry</i> , 1998 , 70, 231-9	3.5	11
55	Longitudinal changes in neuroanatomy and neural activity in early schizophrenia. <i>NeuroReport</i> , 2007 , 18, 435-9	1.7	11
54	Subclinical valve thrombosis in transcatheter aortic valve implantation: A systematic review and meta-analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , 162, 1491-1499.e2	1.5	9
53	Toward personalised diffusion MRI in psychiatry: improved delineation of fibre bundles with the highest-ever angular resolution in vivo tractography. <i>Translational Psychiatry</i> , 2018 , 8, 91	8.6	9
52	Is occipital bending a structural biomarker of risk for depression and sensitivity to treatment?. <i>Journal of Clinical Neuroscience</i> , 2019 , 63, 55-61	2.2	8
51	Collaborative research networks in health: a pragmatic scoping study for the development of an imaging network. <i>Health Research Policy and Systems</i> , 2015 , 13, 76	3.7	8
50	Cardiac magnetic resonance imaging for the interventional cardiologist. <i>JACC: Cardiovascular Interventions</i> , 2011 , 4, 137-48	5	8
49	Gray Matter Atrophy in the Cerebellum-Evidence of Increased Vulnerability of the Crus and Vermis with Advancing Age. <i>Cerebellum</i> , 2017 , 16, 388-397	4.3	7

48	Characteristic patterns of white matter tract injury in sport-related concussion: An image based meta-analysis. <i>NeuroImage: Clinical</i> , 2020 , 26, 102253	5.3	7
47	Cocaine-induced epicardial coronary artery thrombosis resulting in extensive myocardial injury assessed by cardiac magnetic resonance imaging. <i>European Heart Journal</i> , 2010 , 31, 2446	9.5	7
46	Predictors of Change in Left-Ventricular Structure and Function in a Trial of Extended Hours Hemodialysis. <i>Journal of Cardiac Failure</i> , 2020 , 26, 482-491	3.3	7
45	Silent brain infarcts and early cognitive outcomes after transcatheter aortic valve implantation: a systematic review and meta-analysis. <i>European Heart Journal</i> , 2021 , 42, 1004-1015	9.5	7
44	A negative association between brainstem pontine grey-matter volume, well-being and resilience in healthy twins. <i>Journal of Psychiatry and Neuroscience</i> , 2018 , 43, 386-395	4.5	7
43	Profound and reproducible patterns of reduced regional gray matter characterize major depressive disorder. <i>Translational Psychiatry</i> , 2019 , 9, 176	8.6	6
42	Clinical utility of magnetic resonance imaging in the follow-up of chronic aortic type B dissection. <i>Heart Lung and Circulation</i> , 2014 , 23, e157-9	1.8	6
41	Quantifying right atrial filling and emptying: A 4D-flow MRI study. <i>Journal of Magnetic Resonance Imaging</i> , 2017 , 45, 1046-1054	5.6	6
40	Automated quantification of myocardial salvage in a rat model of ischemia-reperfusion injury using 3D high-resolution magnetic resonance imaging (MRI). <i>Journal of the American Heart Association</i> , 2014 , 3,	6	6
39	Cardiovascular flashlight. Cocaine-induced myocardial injury seen as multiple mid-wall foci of late enhancement by contrast-enhanced cardiac magnetic resonance imaging. <i>European Heart Journal</i> , 2010 , 31, 1422	9.5	6
38	Neural synchrony and gray matter variation in human males and females: integration of 40 Hz gamma synchrony and MRI measures. <i>Journal of Integrative Neuroscience</i> , 2005 , 4, 77-93	1.5	6
37	3-Year effect of weight loss via severe versus moderate energy restriction on body composition among postmenopausal women with obesity - the TEMPO Diet Trial. <i>Heliyon</i> , 2020 , 6, e04007	3.6	6
36	Neurocognitive Dysfunction and Smaller Brain Volumes in Adolescents and Adults With a Fontan Circulation. <i>Circulation</i> , 2021 , 143, 878-891	16.7	6
35	Constrictive pericarditis diagnosed by cardiac magnetic resonance. <i>Journal of the American College of Cardiology</i> , 2010 , 56, e39	15.1	5
34	(17)O NMR of water in ordered environments. <i>Biophysical Chemistry</i> , 1998 , 73, 129-36	3.5	5
33	A commonly occurring polymorphism upstream of the estrogen receptor alpha alters transcription and is associated with increased HDL. <i>Atherosclerosis</i> , 2008 , 199, 354-61	3.1	5
32	Characterization of Effective Orifice Areas of Mitral Prosthetic Heart Valves: An In-Vitro Study. <i>Journal of Heart Valve Disease</i> , 2017 , 26, 677-687		5
31	Multi-Velocity Encoding Four-Dimensional Flow Magnetic Resonance Imaging in the Assessment of Chronic Aortic Dissection. <i>Aorta</i> , 2017 , 5, 80-90	0.9	4

30	4D Multi-VENC Cardiac MRI: Characterisation of a Functional Stenosis of the Ascending Aorta. <i>Heart Lung and Circulation</i> , 2015 , 24, 1134-5	1.8	4
29	Replicable brain signatures of emotional bias and memory based on diffusion kurtosis imaging of white matter tracts. <i>Human Brain Mapping</i> , 2020 , 41, 1274-1285	5.9	4
28	Syringomyelia: a rare extracardiac contributor to syncope detected incidentally by CMR. <i>International Journal of Cardiology</i> , 2011 , 150, e62-4	3.2	3
27	Rugby Player's Aorta: Alarming Prevalence of Ascending Aortic Dilatation and Effacement in Elite Rugby Players. <i>Heart Lung and Circulation</i> , 2020 , 29, 196-201	1.8	3
26	Diffusion kurtosis imaging detects subclinical white matter abnormalities in Phenylketonuria. <i>NeuroImage: Clinical</i> , 2021 , 29, 102555	5.3	3
25	Right ventricular energetics and power in pulmonary regurgitation vs. stenosis using four-dimensional phase-contrast magnetic resonance. <i>International Journal of Cardiology</i> , 2018 , 263, 165-170	3.2	2
24	Utility of cardiac magnetic resonance in assessing right-sided heart failure in sarcoidosis. <i>BMC Medical Imaging</i> , 2013 , 13, 2	2.9	2
23	Visualizing pericardial inflammation in Dressler's syndrome with cardiac magnetic resonance imaging. <i>International Journal of Cardiology</i> , 2013 , 168, e32-3	3.2	2
22	Precision Medicine in Ossiculoplasty. <i>Otology and Neurotology</i> , 2021 , 42, e177-e185	2.6	2
21	Diffusion MRI as a complementary assessment to cognition, emotion, and motor dysfunction after sports-related concussion: a systematic review and critical appraisal of the literature. <i>Brain Imaging and Behavior</i> , 2021 , 15, 1685-1704	4.1	2
20	Metabolic Signatures in Coronary Artery Disease: Results from the BioHEART-CT Study. <i>Cells</i> , 2021 , 10,	7.9	2
19	Oral pre-treatment with thiocyanate (SCN) protects against myocardial ischaemia-reperfusion injury in rats. <i>Scientific Reports</i> , 2021 , 11, 12712	4.9	2
18	New Onset Atrial Fibrillation Following Transcatheter and Surgical Aortic Valve Replacement: A Systematic Review and Meta-Analysis. <i>Heart Lung and Circulation</i> , 2020 , 29, 1542-1553	1.8	1
17	Visualizing pericardial inflammation as the cause of acute chest pain in a patient with a congenital pericardial cyst: the incremental diagnostic value of cardiac magnetic resonance. <i>European Heart Journal</i> , 2013 , 34, 1413	9.5	1
16	Incremental diagnostic value of magnetic resonance imaging in the characterization of a cardiac mass. <i>Journal of the American College of Cardiology</i> , 2011 , 58, e19	15.1	1
15	Micromyocardial infarction in apical hypertrophic cardiomyopathy with obliterative coronary artery bridging. <i>International Journal of Cardiology</i> , 2011 , 151, e24-5	3.2	1
14	Electromagnetic characterisation of MR RF coils using the transmission-line modelling method. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2002 , 14, 20-29	2.8	1
13	Cardiovascular magnetic resonance, mitral regurgitation and outcomes: the importance of accurate assessment in an era of increasing intervention. <i>Journal of Thoracic Disease</i> , 2016 , 8, E1053-E1056	2.6	1

12	Patient Endothelial Colony-Forming Cells to Model Coronary Artery Disease Susceptibility and Unravel the Role of Dysregulated Mitochondrial Redox Signalling. <i>Antioxidants</i> , 2021 , 10,	7.1	1
11	Performance gains with Compute Unified Device Architecture-enabled eddy current correction for diffusion MRI. <i>NeuroReport</i> , 2020 , 31, 746-753	1.7	0
10	Cardiac Magnetic Resonance Imaging Predictors of Short-Term Outcomes after High Risk Coronary Surgery. <i>Heart Lung and Circulation</i> , 2016 , 25, 613-9	1.8	0
9	Medical imaging education opportunities for junior doctors and non-radiologist clinicians: A review. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2021 , 65, 710-718	1.7	0
8	Coronary artery disease burden in women poorly explained by traditional risk factors: Sex disaggregated analyses from the BioHEART-CT study. <i>Atherosclerosis</i> , 2021 , 333, 100-107	3.1	0
7	Feasibility of using real-time CMR imaging to evaluate acute thoracic aortic response to exercise. <i>International Journal of Cardiology</i> , 2015 , 197, 306-8	3.2	
6	Recurrent right ventricular echinococcosis characterized by cardiac magnetic resonance. <i>International Journal of Cardiology</i> , 2012 , 158, 293-4	3.2	
5	Post-infarct ventricular thrombus: a critical diagnosis made by cardiac magnetic resonance imaging. <i>Heart Lung and Circulation</i> , 2011 , 20, 372-3	1.8	
4	Micronized fenofibrate: a useful choice for the correction of dyslipidemia in metabolic syndrome and Type 2 diabetes. <i>Future Cardiology</i> , 2006 , 2, 635-46	1.3	
3	Relationship of Myocardial Gadolinium Enhancement to Late Clinical Outcomes: Implications for the COVID-19 era. <i>Heart Lung and Circulation</i> , 2021 ,	1.8	
2	Response to: Loutradis et al. Longer Dialysis Sessions Improve Cardiac Systolic Function by Reducing Myocardial Stunning. <i>Journal of Cardiac Failure</i> , 2020 , 26, 1028-1029	3.3	
1	Comparative assessment of motion averaged free-breathing or breath-held cardiac magnetic resonance imaging protocols in a porcine myocardial infarction model.. <i>Scientific Reports</i> , 2022 , 12, 3727 ^{4.9}		