

# David A Saloner

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

243  
papers

7,802  
citations

48  
h-index

77  
g-index

260  
ext. papers

9,096  
ext. citations

5.1  
avg, IF

5.73  
L-index

#	Paper	IF	Citations
243	Ascending thoracic aortic aneurysm growth is minimal at sizes that do not meet criteria for surgical repair.. <i>Quantitative Imaging in Medicine and Surgery</i> , <b>2022</b> , 12, 333-340	3.6	0
242	Intracranial vascular imaging detects arterial wall abnormalities in persons with treated HIV infection. <i>Aids</i> , <b>2022</b> , 36, 69-73	3.5	
241	Wall stress analyses in patients with Bicuspid Aortic Valve versus Normal Aortic Valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> , 162, 1452-1459	1.5	15
240	Comparison of 7T and 3T vessel wall MRI for the evaluation of intracranial aneurysm wall. <i>European Radiology</i> , <b>2021</b> , 1	8	2
239	Proof-of-concept single-arm trial of bevacizumab therapy for brain arteriovenous malformation. <i>BMJ Neurology Open</i> , <b>2021</b> , 3, e000114	1.5	3
238	Identification of intra-individual variation in intracranial arterial flow by MRI and the effect on computed hemodynamic descriptors. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , <b>2021</b> , 34, 659-666	2.8	2
237	Deep learning based fully automatic segmentation of the left ventricular endocardium and epicardium from cardiac cine MRI. <i>Quantitative Imaging in Medicine and Surgery</i> , <b>2021</b> , 11, 1600-1612	3.6	5
236	Advances in Multimodality Carotid Plaque Imaging: Expert Panel Narrative Review. <i>American Journal of Roentgenology</i> , <b>2021</b> , 217, 16-26	5.4	1
235	A kinematic model-based analysis framework for 3D Cine-DENSE-validation with an axially compressed gel phantom and application in sheep before and after antero-apical myocardial infarction. <i>Magnetic Resonance in Medicine</i> , <b>2021</b> , 86, 2105-2121	4.4	
234	Identification of high risk clinical and imaging features for intracranial artery dissection using high-resolution cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2021</b> , 23, 74	6.9	0
233	A Volumetric Metric for Monitoring Intracranial Aneurysms: Repeatability and Growth Criteria in a Longitudinal MR Imaging Study. <i>American Journal of Neuroradiology</i> , <b>2021</b> , 42, 1591-1597	4.4	6
232	Association of diameter and wall stresses of tricuspid aortic valve ascending thoracic aortic aneurysms. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2021</b> ,	1.5	3
231	Roadmap Consensus on Carotid Artery Plaque Imaging and Impact on Therapy Strategies and Guidelines: An International, Multispecialty, Expert Review and Position Statement. <i>American Journal of Neuroradiology</i> , <b>2021</b> , 42, 1566-1575	4.4	6
230	Computer-aided quantification of non-contrast 3D black blood MRI as an efficient alternative to reference standard manual CT angiography measurements of abdominal aortic aneurysms. <i>European Journal of Radiology</i> , <b>2021</b> , 134, 109396	4.7	0
229	Abdominal aortic aneurysm measurement at CT/MRI: potential clinical ramifications of non-standardized measurement technique and importance of multiplanar reformation. <i>Quantitative Imaging in Medicine and Surgery</i> , <b>2021</b> , 11, 823-830	3.6	
228	Progression of Plaque Burden of Intracranial Atherosclerotic Plaque Predicts Recurrent Stroke/Transient Ischemic Attack: A Pilot Follow-Up Study Using Higher-Resolution MRI. <i>Journal of Magnetic Resonance Imaging</i> , <b>2021</b> , 54, 560-570	5.6	5
227	Presence of Vessel Wall Hyperintensity in Unruptured Arteriovenous Malformations on Vessel Wall Magnetic Resonance Imaging: Pilot Study of AVM Vessel Wall "Enhancement". <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 697432	5.1	0

226	Quantitative analysis of unruptured intracranial aneurysm wall thickness and enhancement using 7T high resolution, black blood magnetic resonance imaging. <i>Journal of NeuroInterventional Surgery</i> , <b>2021</b> ,	7.8	3
225	Increased Wall Enhancement During Follow-Up as a Predictor of Subsequent Aneurysmal Growth. <i>Stroke</i> , <b>2020</b> , 51, 1868-1872	6.7	21
224	Wall enhancement characteristics of vertebrobasilar nonsaccular aneurysms and their relationship to symptoms. <i>European Journal of Radiology</i> , <b>2020</b> , 129, 109064	4.7	2
223	Wall Stress Distribution in Bicuspid Aortic Valve-Associated Ascending Thoracic Aortic Aneurysms. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 110, 807-814	2.7	7
222	Left ventricular geometry during unloading and the end-systolic pressure volume relationship: Measurement with a modified real-time MRI-based method in normal sheep. <i>PLoS ONE</i> , <b>2020</b> , 15, e0234896	3.7	1
221	The regional pattern of abnormal cerebrovascular reactivity in HIV-infected, virally suppressed women. <i>Journal of NeuroVirology</i> , <b>2020</b> , 26, 734-742	3.9	4
220	Intraluminal Thrombus Predicts Rapid Growth of Abdominal Aortic Aneurysms. <i>Radiology</i> , <b>2020</b> , 294, 707-713	20.5	22
219	Computational Fluid Dynamics for Evaluating Hemodynamics <b>2020</b> , 331-347		
218	Sound Measurement in Patient-Specific 3D Printed Bench Models of Venous Pulsatile Tinnitus. <i>Otology and Neurotology</i> , <b>2020</b> , 41, e7-e14	2.6	5
217	4D Flow MRI Pressure Estimation Using Velocity Measurement-Error-Based Weighted Least-Squares. <i>IEEE Transactions on Medical Imaging</i> , <b>2020</b> , 39, 1668-1680	11.7	11
216	Carotid plaque imaging and the risk of atherosclerotic cardiovascular disease. <i>Cardiovascular Diagnosis and Therapy</i> , <b>2020</b> , 10, 1048-1067	2.6	11
215	Wall enhancement on black-blood MRI is independently associated with symptomatic status of unruptured intracranial saccular aneurysm. <i>European Radiology</i> , <b>2020</b> , 30, 6413-6420	8	9
214	Extracranial Carotid Artery Stenosis: The Effects on Brain and Cognition with a Focus on Resting-State Functional Connectivity. <i>Journal of Neuroimaging</i> , <b>2020</b> , 30, 736-745	2.8	7
213	Wall enhancement of intracranial saccular and fusiform aneurysms may differ in intensity and extension: a pilot study using 7-T high-resolution black-blood MRI. <i>European Radiology</i> , <b>2020</b> , 30, 301-307	8	11
212	Growth of common iliac artery aneurysms coexisting with abdominal aortic aneurysms: associated factors and potential role of intraluminal thrombus. <i>Quantitative Imaging in Medicine and Surgery</i> , <b>2020</b> , 10, 703-712	3.6	
211	Quantitative measurement of atheroma burden: reproducibility in serial studies of atherosclerotic femoral arteries. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , <b>2020</b> , 33, 855-863	2.8	
210	Multi-modality cerebral aneurysm haemodynamic analysis: 4D flow MRI, volumetric particle velocimetry and computational fluid dynamics. <i>Journal of the Royal Society Interface</i> , <b>2019</b> , 16, 20190465	4.1	18
209	Evaluation of the distribution and progression of intraluminal thrombus in abdominal aortic aneurysms using high-resolution MRI. <i>Journal of Magnetic Resonance Imaging</i> , <b>2019</b> , 50, 994-1001	5.6	8

208	Surveillance of Unruptured Intracranial Saccular Aneurysms Using Noncontrast 3D-Black-Blood MRI: Comparison of 3D-TOF and Contrast-Enhanced MRA with 3D-DSA. <i>American Journal of Neuroradiology</i> , <b>2019</b> , 40, 960-966	4.4	12
207	Shape-appearance constrained segmentation and separation of vein and artery in pulsatile tinnitus patients based on MR angiography and flow MRI. <i>Magnetic Resonance Imaging</i> , <b>2019</b> , 61, 187-195	3.3	1
206	Reduced Jet Velocity in Venous Flow after CSF Drainage: Assessing Hemodynamic Causes of Pulsatile Tinnitus. <i>American Journal of Neuroradiology</i> , <b>2019</b> , 40, 849-854	4.4	11
205	Imaging biomarkers of vulnerable carotid plaques for stroke risk prediction and their potential clinical implications. <i>Lancet Neurology</i> , <b>2019</b> , 18, 559-572	24.1	129
204	Ferumoxitol-enhanced MRI in the peripheral vasculature. <i>Clinical Radiology</i> , <b>2019</b> , 74, 37-50	2.9	13
203	Extending Cardiac Functional Assessment with Respiratory-Resolved 3D Cine MRI. <i>Scientific Reports</i> , <b>2019</b> , 9, 11563	4.9	5
202	Multicenter Safety and Practice for Off-Label Diagnostic Use of Ferumoxitol in MRI. <i>Radiology</i> , <b>2019</b> , 293, 554-564	20.5	50
201	Surveillance of abdominal aortic aneurysm using accelerated 3D non-contrast black-blood cardiovascular magnetic resonance with compressed sensing (CS-DANTE-SPACE). <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2019</b> , 21, 66	6.9	3
200	On the relative impact of intraluminal thrombus heterogeneity on abdominal aortic aneurysm mechanics. <i>Journal of Biomechanical Engineering</i> , <b>2019</b> ,	2.1	3
199	Carotid Artery Imaging Is More Strongly Associated With the 10-Year Atherosclerotic Cardiovascular Disease Score Than Coronary Artery Imaging. <i>Journal of Computer Assisted Tomography</i> , <b>2019</b> , 43, 679-685	2.2	1
198	Semiautomated Characterization of Carotid Artery Plaque Features From Computed Tomography Angiography to Predict Atherosclerotic Cardiovascular Disease Risk Score. <i>Journal of Computer Assisted Tomography</i> , <b>2019</b> , 43, 452-459	2.2	13
197	Visualizing wall enhancement over time in unruptured intracranial aneurysms using 3D vessel wall imaging. <i>Journal of Magnetic Resonance Imaging</i> , <b>2019</b> , 50, 193-200	5.6	11
196	COMPARISON OF TWO METHODS FOR ESTIMATING THE UNLOADED STATE FOR ABDOMINAL AORTIC ANEURYSM STRESS CALCULATIONS. <i>Journal of Mechanics in Medicine and Biology</i> , <b>2019</b> , 19, 1950015	0.7	1
195	Fully automatic segmentation of 4D MRI for cardiac functional measurements. <i>Medical Physics</i> , <b>2019</b> , 46, 180-189	4.4	13
194	Assessing the Relationship between Atherosclerotic Cardiovascular Disease Risk Score and Carotid Artery Imaging Findings. <i>Journal of Neuroimaging</i> , <b>2019</b> , 29, 119-125	2.8	7
193	Identification of high-risk plaque features in intracranial atherosclerosis: initial experience using a radiomic approach. <i>European Radiology</i> , <b>2018</b> , 28, 3912-3921	8	26
192	Carotid Artery Wall Imaging: Perspective and Guidelines from the ASNR Vessel Wall Imaging Study Group and Expert Consensus Recommendations of the American Society of Neuroradiology. <i>American Journal of Neuroradiology</i> , <b>2018</b> , 39, E9-E31	4.4	125
191	Wall stress on ascending thoracic aortic aneurysms with bicuspid compared with tricuspid aortic valve. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 156, 492-500	1.5	18

190	Large Vessel Arteriopathy After Cranial Radiation Therapy in Pediatric Brain Tumor Survivors. <i>Journal of Child Neurology</i> , <b>2018</b> , 33, 359-366	2.5	16
189	Letter by Zhu et al Regarding Article, "Aortic Wall Inflammation Predicts Abdominal Aortic Aneurysm Expansion, Rupture, and Need for Surgical Repair". <i>Circulation</i> , <b>2018</b> , 137, 1293-1294	16.7	
188	Assessment of Reynolds stress components and turbulent pressure loss using 4D flow MRI with extended motion encoding. <i>Magnetic Resonance in Medicine</i> , <b>2018</b> , 79, 1962-1971	4.4	17
187	Gated thoracic magnetic resonance angiography at 3T: noncontrast versus blood pool contrast. <i>International Journal of Cardiovascular Imaging</i> , <b>2018</b> , 34, 475-483	2.5	3
186	Denosing and spatial resolution enhancement of 4D flow MRI using proper orthogonal decomposition and lasso regularization. <i>Computerized Medical Imaging and Graphics</i> , <b>2018</b> , 70, 165-172	7.6	15
185	Clinical Significance of Intraplaque Hemorrhage in Low- and High-Grade Basilar Artery Stenosis on High-Resolution MRI. <i>American Journal of Neuroradiology</i> , <b>2018</b> , 39, 1286-1292	4.4	30
184	Wall enhancement of intracranial unruptured aneurysm is associated with increased rupture risk and traditional risk factors. <i>European Radiology</i> , <b>2018</b> , 28, 5019-5026	8	17
183	Short term doxycycline treatment induces sustained improvement in myocardial infarction border zone contractility. <i>PLoS ONE</i> , <b>2018</b> , 13, e0192720	3.7	11
182	Intracranial Aneurysms: Imaging, Hemodynamics, and Remodeling <b>2018</b> , 137-167		
181	Accelerated whole brain intracranial vessel wall imaging using black blood fast spin echo with compressed sensing (CS-SPACE). <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , <b>2018</b> , 31, 457-467	2.8	27
180	Highly accelerated intracranial 4D flow MRI: evaluation of healthy volunteers and patients with intracranial aneurysms. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , <b>2018</b> , 31, 295-307	2.8	21
179	Cognitive Imaging. <i>International Journal of Cognitive Informatics and Natural Intelligence</i> , <b>2018</b> , 12, 1-16	0.9	1
178	Assessing the Relationship Between American Heart Association Atherosclerotic Cardiovascular Disease Risk Score and Coronary Artery Imaging Findings. <i>Journal of Computer Assisted Tomography</i> , <b>2018</b> , 42, 898-905	2.2	3
177	MR Venous Flow in Sigmoid Sinus Diverticulum. <i>American Journal of Neuroradiology</i> , <b>2018</b> , 39, 2108-2113	4.4	21
176	Highly-accelerated self-gated free-breathing 3D cardiac cine MRI: validation in assessment of left ventricular function. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , <b>2017</b> , 30, 337-346	2.8	14
175	Computational Fluid Dynamics modeling of contrast transport in basilar aneurysms following flow-altering surgeries. <i>Journal of Biomechanics</i> , <b>2017</b> , 50, 195-201	2.9	15
174	Segmentation of lumen and outer wall of abdominal aortic aneurysms from 3D black-blood MRI with a registration based geodesic active contour model. <i>Medical Image Analysis</i> , <b>2017</b> , 40, 1-10	15.4	21
173	Merging computational fluid dynamics and 4D Flow MRI using proper orthogonal decomposition and ridge regression. <i>Journal of Biomechanics</i> , <b>2017</b> , 58, 162-173	2.9	30

172	Flow patterns in the jugular veins of pulsatile tinnitus patients. <i>Journal of Biomechanics</i> , <b>2017</b> , 52, 61-67	2.9	25
171	Higher Flow Is Present in Unruptured Arteriovenous Malformations With Silent Intralesional Microhemorrhages. <i>Stroke</i> , <b>2017</b> , 48, 2881-2884	6.7	19
170	Identification and Quantitative Assessment of Different Components of Intracranial Atherosclerotic Plaque by Ex Vivo 3T High-Resolution Multicontrast MRI. <i>American Journal of Neuroradiology</i> , <b>2017</b> , 38, 1716-1722	4.4	3
169	The manifestation of vortical and secondary flow in the cerebral venous outflow tract: An in vivo MR velocimetry study. <i>Journal of Biomechanics</i> , <b>2017</b> , 50, 180-187	2.9	13
168	Non-contrast 3D black blood MRI for abdominal aortic aneurysm surveillance: comparison with CT angiography. <i>European Radiology</i> , <b>2017</b> , 27, 1787-1794	8	14
167	Intracranial Vessel Wall MRI: Principles and Expert Consensus Recommendations of the American Society of Neuroradiology. <i>American Journal of Neuroradiology</i> , <b>2017</b> , 38, 218-229	4.4	297
166	Dilatation of the ascending aorta is associated with presence of aortic regurgitation in patients after repair of tetralogy of Fallot. <i>International Journal of Cardiovascular Imaging</i> , <b>2016</b> , 32, 1265-72	2.5	11
165	Moderate Ischemic Mitral Regurgitation After Posterolateral Myocardial Infarction in Sheep Alters Left Ventricular Shear but Not Normal Strain in the Infarct and Infarct Borderzone. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 101, 1691-9	2.7	7
164	High resolution imaging of the intracranial vessel wall at 3 and 7T using 3D fast spin echo MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , <b>2016</b> , 29, 559-70	2.8	49
163	Isotropic 3D black blood MRI of abdominal aortic aneurysm wall and intraluminal thrombus. <i>Magnetic Resonance Imaging</i> , <b>2016</b> , 34, 18-25	3.3	29
162	Intra-Arterial MR Perfusion Imaging of Meningiomas: Comparison to Digital Subtraction Angiography and Intravenous MR Perfusion Imaging. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163554	3.7	4
161	Bypass Surgery for the Treatment of Dolichoectatic Basilar Trunk Aneurysms: A Work in Progress. <i>Neurosurgery</i> , <b>2016</b> , 79, 83-99	3.2	54
160	Assessment of turbulent viscous stress using ICOSA 4D Flow MRI for prediction of hemodynamic blood damage. <i>Scientific Reports</i> , <b>2016</b> , 6, 39773	4.9	23
159	Predictive modeling and in vivo assessment of cerebral blood flow in the management of complex cerebral aneurysms. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2016</b> , 36, 998-1003	7.3	13
158	Ex-vivo imaging and plaque type classification of intracranial atherosclerotic plaque using high resolution MRI. <i>Atherosclerosis</i> , <b>2016</b> , 249, 10-6	3.1	39
157	Suture Forces for Closure of Transapical Transcatheter Aortic Valve Replacement: A Mathematical Model. <i>Journal of Heart Valve Disease</i> , <b>2016</b> , 25, 424-429		
156	Extended 3D approach for quantification of abnormal ascending aortic flow. <i>Magnetic Resonance Imaging</i> , <b>2015</b> , 33, 695-700	3.3	12
155	Ascending thoracic aortic aneurysm wall stress analysis using patient-specific finite element modeling of in vivo magnetic resonance imaging. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2015</b> , 21, 471-80	1.8	31

154	Cardiovascular magnetic resonance phase contrast imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2015</b> , 17, 71	6.9	135
153	Vascular Imaging With Ferumoxytol as a Contrast Agent. <i>American Journal of Roentgenology</i> , <b>2015</b> , 205, W366-73	5.4	89
152	Ferumoxytol-enhanced magnetic resonance angiography is a feasible method for the clinical evaluation of lower extremity arterial disease. <i>Annals of Vascular Surgery</i> , <b>2015</b> , 29, 63-8	1.7	19
151	MR physics in practice: how to optimize acquisition quality and time for cardiac MR imaging. <i>Magnetic Resonance Imaging Clinics of North America</i> , <b>2015</b> , 23, 1-6	1.6	13
150	Computational modeling of flow-altering surgeries in basilar aneurysms. <i>Annals of Biomedical Engineering</i> , <b>2015</b> , 43, 1210-22	4.7	17
149	Left atrial transverse diameter on computed tomography angiography can accurately diagnose left atrial enlargement in patients with atrial fibrillation. <i>Journal of Thoracic Imaging</i> , <b>2015</b> , 30, 214-7	5.6	10
148	Vascular inflammation in a growing iliac artery aneurysm. <i>Clinical Nuclear Medicine</i> , <b>2015</b> , 40, e323-4	1.7	
147	Scan-Rescan Reproducibility of High Resolution Magnetic Resonance Imaging of Atherosclerotic Plaque in the Middle Cerebral Artery. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134913	3.7	19
146	Implantation of 3D-Printed Patient-Specific Aneurysm Models into Cadaveric Specimens: A New Training Paradigm to Allow for Improvements in Cerebrovascular Surgery and Research. <i>BioMed Research International</i> , <b>2015</b> , 2015, 939387	3	26
145	Four dimensional magnetic resonance velocimetry for complex flow in the jugular vein. <i>Quantitative Imaging in Medicine and Surgery</i> , <b>2015</b> , 5, 635-7	3.6	7
144	Reduction of motion artifacts in carotid MRI using free-induction decay navigators. <i>Journal of Magnetic Resonance Imaging</i> , <b>2014</b> , 40, 214-20	5.6	11
143	Highly accelerated aortic 4D flow MR imaging with variable-density random undersampling. <i>Magnetic Resonance Imaging</i> , <b>2014</b> , 32, 1012-20	3.3	15
142	Magnetic resonance neurography evaluation of chronic extraspinal sciatica after remote proximal hamstring injury: a preliminary retrospective analysis. <i>Journal of Neurosurgery</i> , <b>2014</b> , 121, 408-14	3.2	14
141	MRI hemodynamic markers of progressive bicuspid aortic valve-related aortic disease. <i>Journal of Magnetic Resonance Imaging</i> , <b>2014</b> , 40, 140-5	5.6	62
140	Systolic flow displacement correlates with future ascending aortic growth in patients with bicuspid aortic valves undergoing magnetic resonance surveillance. <i>Investigative Radiology</i> , <b>2014</b> , 49, 635-9	10.1	32
139	Safety of retained microcatheters: an evaluation of radiofrequency heating in endovascular microcatheters with nitinol, tungsten, and polyetheretherketone braiding at 1.5 T and 3 T. <i>Journal of NeuroInterventional Surgery</i> , <b>2014</b> , 6, 314-9	7.8	7
138	Feasibility of asymmetric stretch assessment in the ascending aortic wall with DENSE cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2014</b> , 16, 6	6.9	17
137	Self-gated free-breathing 3D coronary CINE imaging with simultaneous water and fat visualization. <i>PLoS ONE</i> , <b>2014</b> , 9, e89315	3.7	11

136	Accelerated MRI with CIRcular Cartesian UnderSampling (CIRCUS): a variable density Cartesian sampling strategy for compressed sensing and parallel imaging. <i>Quantitative Imaging in Medicine and Surgery</i> , <b>2014</b> , 4, 57-67	3.6	27
135	Improved quantification of abnormal aortic flow in 3D compared to standard 2D approach. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2013</b> , 15,	6.9	78
134	Reproducibility of quantitative analysis of aortic 4D flow data. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2013</b> , 15,	6.9	3
133	Vascular remodeling in autogenous arterio-venous fistulas by MRI and CFD. <i>Annals of Biomedical Engineering</i> , <b>2013</b> , 41, 657-68	4.7	41
132	Left ventricular myocardial contractility is depressed in the borderzone after posterolateral myocardial infarction. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 95, 1619-25	2.7	25
131	Magnetic resonance measurement of turbulent kinetic energy for the estimation of irreversible pressure loss in aortic stenosis. <i>JACC: Cardiovascular Imaging</i> , <b>2013</b> , 6, 64-71	8.4	93
130	Left ventricular pressure gating in ovine cardiac studies: a software-based method. <i>Journal of Biomechanical Engineering</i> , <b>2013</b> , 135, 34502	2.1	1
129	The effect of mitral annuloplasty shape in ischemic mitral regurgitation: a finite element simulation. <i>Annals of Thoracic Surgery</i> , <b>2012</b> , 93, 776-82	2.7	44
128	Diagnosing ulnar neuropathy at the elbow using magnetic resonance neurography. <i>Skeletal Radiology</i> , <b>2012</b> , 41, 401-7	2.7	38
127	Post-stenotic dilation: evaluation of ascending aortic dilation with 4D flow MR imaging. <i>International Journal of Cardiology</i> , <b>2012</b> , 156, e40-2	3.2	22
126	Imaging and modeling of flow in porous media using clinical nuclear emission tomography systems and computational fluid dynamics. <i>Journal of Applied Geophysics</i> , <b>2012</b> , 76, 74-81	1.7	31
125	Imaging biomarkers of aortic disease: increased growth rates with eccentric systolic flow. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 60, 356-7	15.1	49
124	The benefit of enhanced contractility in the infarct borderzone: a virtual experiment. <i>Frontiers in Physiology</i> , <b>2012</b> , 3, 86	4.6	10
123	Ferumoxytol-enhanced MRI to Image Inflammation within Human Brain Arteriovenous Malformations: A Pilot Investigation. <i>Translational Stroke Research</i> , <b>2012</b> , 3, 166-73	7.8	41
122	Silent intralesional microhemorrhage as a risk factor for brain arteriovenous malformation rupture. <i>Stroke</i> , <b>2012</b> , 43, 1240-6	6.7	66
121	Macrophage imaging within human cerebral aneurysms wall using ferumoxytol-enhanced MRI: a pilot study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2012</b> , 32, 1032-8	9.4	88
120	USPIO-enhanced MR angiography of arteriovenous fistulas in patients with renal failure. <i>Radiology</i> , <b>2012</b> , 265, 584-90	20.5	43
119	Temporal stability of dysmorphic fusiform aneurysms of the intracranial internal carotid artery. <i>Journal of Vascular and Interventional Radiology</i> , <b>2011</b> , 22, 1007-11	2.4	3



118	The distribution and size of ischemic lesions after carotid artery angioplasty and stenting: evidence for microembolization to terminal arteries. <i>Journal of Vascular Surgery</i> , <b>2011</b> , 53, 971-5; discussion 975-6 <sup>3.5</sup>	14
117	Giant intracranial aneurysms: evolution of management in a contemporary surgical series. <i>Neurosurgery</i> , <b>2011</b> , 69, 1261-70; discussion 1270-1	3.2 148
116	Comparison of the Young-Laplace law and finite element based calculation of ventricular wall stress: implications for postinfarct and surgical ventricular remodeling. <i>Annals of Thoracic Surgery</i> , <b>2011</b> , 91, 150-6	2.7 38
115	Moderate mitral regurgitation accelerates left ventricular remodeling after posterolateral myocardial infarction. <i>Annals of Thoracic Surgery</i> , <b>2011</b> , 92, 1614-20	2.7 19
114	Cardiovascular magnetic resonance imaging in delivering and evaluating the efficacy of hepatocyte growth factor gene in chronic infarct scar. <i>Cardiovascular Revascularization Medicine</i> , <b>2011</b> , 12, 111-22	1.6 8
113	Comparison of four-dimensional flow parameters for quantification of flow eccentricity in the ascending aorta. <i>Journal of Magnetic Resonance Imaging</i> , <b>2011</b> , 34, 1226-30	5.6 98
112	MR imaging of partially thrombosed cerebral aneurysms: characteristics and evolution. <i>American Journal of Neuroradiology</i> , <b>2011</b> , 32, 346-51	4.4 31
111	Regional left ventricular myocardial contractility and stress in a finite element model of posterobasal myocardial infarction. <i>Journal of Biomechanical Engineering</i> , <b>2011</b> , 133, 044501	2.1 46
110	A novel method for quantifying in-vivo regional left ventricular myocardial contractility in the border zone of a myocardial infarction. <i>Journal of Biomechanical Engineering</i> , <b>2011</b> , 133, 094506	2.1 20
109	Noninvasive MR characterization of structural and functional components of reperfused infarct. <i>Acta Radiologica</i> , <b>2010</b> , 51, 1093-102	2 8
108	Heterogeneous microinfarcts caused by coronary microemboli: evaluation with multidetector CT and MR imaging in a swine model. <i>Radiology</i> , <b>2010</b> , 254, 718-28	20.5 29
107	Perfusion-CT of developmental venous anomalies: typical and atypical hemodynamic patterns. <i>Journal of Neuroradiology</i> , <b>2010</b> , 37, 239-42	3.1 16
106	Magnetic resonance angiography to evaluate septocutaneous perforators in free fibula flap transfer. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , <b>2010</b> , 63, 1099-104	1.7 24
105	Percutaneous transendocardial VEGF gene therapy: MRI guided delivery and characterization of 3D myocardial strain. <i>International Journal of Cardiology</i> , <b>2010</b> , 143, 255-63	3.2 10
104	An efficient two-stage approach for image-based FSI analysis of atherosclerotic arteries. <i>Biomechanics and Modeling in Mechanobiology</i> , <b>2010</b> , 9, 213-23	3.8 16
103	Carotid atheroma rupture observed in vivo and FSI-predicted stress distribution based on pre-rupture imaging. <i>Annals of Biomedical Engineering</i> , <b>2010</b> , 38, 2748-65	4.7 39
102	Flow residence time and regions of intraluminal thrombus deposition in intracranial aneurysms. <i>Annals of Biomedical Engineering</i> , <b>2010</b> , 38, 3058-69	4.7 122
101	Modern meningioma imaging techniques. <i>Journal of Neuro-Oncology</i> , <b>2010</b> , 99, 333-40	4.8 57

100	Dor procedure for dyskinetic anteroapical myocardial infarction fails to improve contractility in the border zone. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2010</b> , 140, 233-9, 239.e1-4	1.5	26
99	First finite element model of the left ventricle with mitral valve: insights into ischemic mitral regurgitation. <i>Annals of Thoracic Surgery</i> , <b>2010</b> , 89, 1546-53	2.7	96
98	Clinical evaluation of aortic coarctation with 4D flow MR imaging. <i>Journal of Magnetic Resonance Imaging</i> , <b>2010</b> , 31, 711-8	5.6	106
97	Computational Models of Vascular Mechanics <b>2010</b> , 99-170		3
96	A computationally efficient formal optimization of regional myocardial contractility in a sheep with left ventricular aneurysm. <i>Journal of Biomechanical Engineering</i> , <b>2009</b> , 131, 111001	2.1	68
95	Atherosclerotic plaque progression in carotid arteries: monitoring with high-spatial-resolution MR imaging--multicenter trial. <i>Radiology</i> , <b>2009</b> , 252, 789-96	20.5	52
94	Persistent decline in longitudinal and radial strain after coronary microembolization detected on velocity encoded phase contrast magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , <b>2009</b> , 30, 69-76	5.6	11
93	MR imaging during endovascular procedures: an evaluation of the potential for catheter heating. <i>Magnetic Resonance in Medicine</i> , <b>2009</b> , 61, 45-53	4.4	20
92	Phase-contrast magnetic resonance imaging measurements in intracranial aneurysms in vivo of flow patterns, velocity fields, and wall shear stress: comparison with computational fluid dynamics. <i>Magnetic Resonance in Medicine</i> , <b>2009</b> , 61, 409-17	4.4	165
91	Magnetic resonance imaging quantification of left ventricular dysfunction following coronary microembolization. <i>Magnetic Resonance in Medicine</i> , <b>2009</b> , 61, 595-602	4.4	28
90	Magnetic resonance imaging-based finite element stress analysis after linear repair of left ventricular aneurysm. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2008</b> , 135, 1094-102, 1102.e1-2	1.5	57
89	Semi-automated computer assessment of the degree of carotid artery stenosis compares favorably to visual evaluation. <i>Journal of the Neurological Sciences</i> , <b>2008</b> , 269, 74-9	3.2	9
88	Asymmetric mechanical properties of porcine aortic sinuses. <i>Annals of Thoracic Surgery</i> , <b>2008</b> , 85, 1631-82.7		33
87	High-resolution CT imaging of carotid artery atherosclerotic plaques. <i>American Journal of Neuroradiology</i> , <b>2008</b> , 29, 875-82	4.4	272
86	Permanent coronary artery occlusion: cardiovascular MR imaging is platform for percutaneous transendocardial delivery and assessment of gene therapy in canine model. <i>Radiology</i> , <b>2008</b> , 249, 560-71 <sup>20.5</sup>		14
85	Numerical simulation of pre- and postsurgical flow in a giant basilar aneurysm. <i>Journal of Biomechanical Engineering</i> , <b>2008</b> , 130, 021004	2.1	18
84	Numerical simulations of flow in cerebral aneurysms: comparison of CFD results and in vivo MRI measurements. <i>Journal of Biomechanical Engineering</i> , <b>2008</b> , 130, 051011	2.1	66
83	Monitoring serial change in the lumen and outer wall of vertebrobasilar aneurysms. <i>American Journal of Neuroradiology</i> , <b>2008</b> , 29, 259-64	4.4	10

82	Aneurysm growth occurs at region of low wall shear stress: patient-specific correlation of hemodynamics and growth in a longitudinal study. <i>Stroke</i> , <b>2008</b> , 39, 2997-3002	6.7	390
81	MR assessment of myocardial perfusion, viability, and function after intramyocardial transfer of VM202, a new plasmid human hepatocyte growth factor in ischemic swine myocardium. <i>Radiology</i> , <b>2008</b> , 249, 107-18	20.5	37
80	Correlating motion of internal organs with the displacements of fiducial markers during respiration <b>2008</b> ,		5
79	Numerical modeling of the flow in intracranial aneurysms: prediction of regions prone to thrombus formation. <i>Annals of Biomedical Engineering</i> , <b>2008</b> , 36, 1793-804	4.7	105
78	Carotid plaque computed tomography imaging in stroke and nonstroke patients. <i>Annals of Neurology</i> , <b>2008</b> , 64, 149-57	9.4	54
77	Significant material property differences between the porcine ascending aorta and aortic sinuses. <i>Journal of Heart Valve Disease</i> , <b>2008</b> , 17, 606-13		24
76	Shape memory polymer stent with expandable foam: a new concept for endovascular embolization of fusiform aneurysms. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2007</b> , 54, 1157-60	5	96
75	Estimation of fusiform intracranial aneurysm growth by serial magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , <b>2007</b> , 26, 177-83	5.6	13
74	Intracranial time-of-flight MR angiography at 7T with comparison to 3T. <i>Journal of Magnetic Resonance Imaging</i> , <b>2007</b> , 26, 900-4	5.6	92
73	Transitional flows in arterial fluid dynamics. <i>Computer Methods in Applied Mechanics and Engineering</i> , <b>2007</b> , 196, 3043-3048	5.7	16
72	Endoventricular patch plasty for dyskinetic anteroapical left ventricular aneurysm increases systolic circumferential shortening in sheep. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2007</b> , 134, 1017-24	1.5	21
71	Vascular dynamics of a shape memory polymer foam aneurysm treatment technique. <i>Annals of Biomedical Engineering</i> , <b>2007</b> , 35, 1870-84	4.7	44
70	MRI of geometric and compositional features of vulnerable carotid plaque. <i>Stroke</i> , <b>2007</b> , 38, 637-41	6.7	15
69	Magnetic resonance angiography for free fibula flap transfer. <i>Journal of Reconstructive Microsurgery</i> , <b>2007</b> , 23, 205-11	2.5	49
68	Adeno-associated viral vector-encoding vascular endothelial growth factor gene: effect on cardiovascular MR perfusion and infarct resorption measurements in swine. <i>Radiology</i> , <b>2007</b> , 243, 451-60	20.5	33
67	Injection of adeno-associated viral vector encoding vascular endothelial growth factor gene in infarcted swine myocardium: MR measurements of left ventricular function and strain. <i>Radiology</i> , <b>2007</b> , 245, 196-205	20.5	31
66	Computational Fluid Dynamics Within Bifurcated Abdominal Aortic Stent-Grafts. <i>Journal of Endovascular Therapy</i> , <b>2007</b> , 14, 138-143	2.5	24
65	The reliability of high resolution MRI in the measurement of early stage carotid wall thickening. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2007</b> , 9, 771-6	6.9	27

64	Assessment of vasculature of meningiomas and the effects of embolization with intra-arterial MR perfusion imaging: a feasibility study. <i>American Journal of Neuroradiology</i> , <b>2007</b> , 28, 1771-7	4.4	34
63	The effect of anteroapical aneurysm plication on end-systolic three-dimensional strain in the sheep: a magnetic resonance imaging tagging study. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2006</b> , 131, 579-586.e3	1.5	21
62	Delivery and assessment of endovascular stents to repair aortic coarctation using MR and X-ray imaging. <i>Journal of Magnetic Resonance Imaging</i> , <b>2006</b> , 24, 371-8	5.6	13
61	MR guidance of targeted injections into border and core of scarred myocardium in pigs. <i>Radiology</i> , <b>2006</b> , 240, 419-26	20.5	27
60	Unmasking complicated atherosclerotic plaques on carotid magnetic resonance angiography: a report of three cases. <i>Journal of Vascular Surgery</i> , <b>2006</b> , 44, 884-7	3.5	2
59	Discrimination of myocardial acute and chronic (scar) infarctions on delayed contrast enhanced magnetic resonance imaging with intravascular magnetic resonance contrast media. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 48, 1961-8	15.1	52
58	Imaging and CFD in the analysis of vascular disease progression <b>2006</b> ,		3
57	Estimating the hemodynamic impact of interventional treatments of aneurysms: numerical simulation with experimental validation: technical case report. <i>Neurosurgery</i> , <b>2006</b> , 59, E429-30; author reply E429-30	3.2	59
56	Scarred myocardium imposes additional burden on remote viable myocardium despite a reduction in the extent of area with late contrast MR enhancement. <i>European Radiology</i> , <b>2006</b> , 16, 827-36	8	36
55	An Experimental Study of Transitional Behavior in Physiological Flow Regimes <b>2006</b> ,		1
54	Experimental Study of the Vascular Dynamics of a Saccular Basilar Aneurysm <b>2006</b> ,		1
53	Magnetic resonance perfusion tracks <sup>133</sup> Xe cerebral blood flow changes after carotid stenting. <i>Stroke</i> , <b>2005</b> , 36, 676-8	6.7	13
52	MRI in guiding and assessing intramyocardial therapy. <i>European Radiology</i> , <b>2005</b> , 15, 851-63	8	37
51	Left ventricular volume and function after endoventricular patch plasty for dyskinetic anteroapical left ventricular aneurysm in sheep. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2005</b> , 130, 1032-8	1.5	23
50	Numerical simulation of magnetic resonance angiographies of an anatomically realistic stenotic carotid bifurcation. <i>Annals of Biomedical Engineering</i> , <b>2005</b> , 33, 270-83	4.7	20
49	MRI-based finite-element analysis of left ventricular aneurysm. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2005</b> , 289, H692-700	5.2	151
48	Correlation between luminal geometry changes and hemodynamics in fusiform intracranial aneurysms. <i>American Journal of Neuroradiology</i> , <b>2005</b> , 26, 2357-63	4.4	86
47	Carotid stent delivery in an XMR suite: immediate assessment of the physiologic impact of extracranial revascularization. <i>American Journal of Neuroradiology</i> , <b>2005</b> , 26, 531-7	4.4	17

46	Transendocardial delivery of extracellular myocardial markers by using combination X-ray/MR fluoroscopic guidance: feasibility study in dogs. <i>Radiology</i> , <b>2004</b> , 231, 689-96	20.5	38
45	DETERMINING INTRA-ANEURYSMAL FLOW FOR COILED CEREBRAL ANEURYSMS WITH DIGITAL FLUOROSCOPY. <i>Biomedical Engineering - Applications, Basis and Communications</i> , <b>2004</b> , 16, 43-48	0.6	10
44	Comparison of late enhancement cardiovascular magnetic resonance and thallium SPECT in patients with coronary disease and left ventricular dysfunction. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2004</b> , 6, 549-56	6.9	24
43	Transport of contrast agents in contrast-enhanced magnetic resonance angiography. <i>Magnetic Resonance Imaging</i> , <b>2004</b> , 22, 495-504	3.3	3
42	Characteristics of Carotid Plaque as Risk Factors for Stroke. <i>Perspectives in Vascular Surgery and Endovascular Therapy</i> , <b>2004</b> , 16, 193-199		
41	Experimental flow studies in exact-replica phantoms of atherosclerotic carotid bifurcations under steady input conditions. <i>Journal of Biomechanical Engineering</i> , <b>2003</b> , 125, 38-48	2.1	90
40	Cerebral ischemia and infarction from atheroemboli . <i>Stroke</i> , <b>2003</b> , 34, 1976-80	6.7	83
39	Double-lumen carotid plaque: a morbid configuration. <i>Journal of Vascular Surgery</i> , <b>2003</b> , 37, 1314-7	3.5	3
38	Current status of carotid imaging by MRA. <i>Vascular</i> , <b>2003</b> , 11, 445-7		8
37	Contrast material-enhanced MRA overestimates severity of carotid stenosis, compared with 3D time-of-flight MRA. <i>Journal of Vascular Surgery</i> , <b>2003</b> , 38, 36-40	3.5	48
36	Computational approach to quantifying hemodynamic forces in giant cerebral aneurysms. <i>American Journal of Neuroradiology</i> , <b>2003</b> , 24, 1804-10	4.4	86
35	Numerical analysis of flow through a severely stenotic carotid artery bifurcation. <i>Journal of Biomechanical Engineering</i> , <b>2002</b> , 124, 9-20	2.1	147
34	Major carotid plaque surface irregularities correlate with neurologic symptoms. <i>Journal of Vascular Surgery</i> , <b>2002</b> , 35, 741-7	3.5	54
33	Structure of plaque at carotid bifurcation: high-resolution MRI with histological correlation. <i>Stroke</i> , <b>2001</b> , 32, 2516-21	6.7	109
32	Influence of stenosis morphology on flow through severely stenotic vessels: implications for plaque rupture. <i>Journal of Biomechanics</i> , <b>2000</b> , 33, 443-55	2.9	115
31	Four dimensional bolus tagging imaging of pulsatile flow. <i>Magnetic Resonance Imaging</i> , <b>2000</b> , 18, 1097-107	0.3	1
30	Atheroemboli to the brain: size threshold for causing acute neuronal cell death. <i>Journal of Vascular Surgery</i> , <b>2000</b> , 32, 68-76	3.5	99
29	Cardiovascular flow patterns: what should we make of them?. <i>International Journal of Cardiovascular Imaging</i> , <b>1999</b> , 15, 97-8		1

28	FLOW AND MOTION. <i>Magnetic Resonance Imaging Clinics of North America</i> , <b>1999</b> , 7, 699-715	1.6	9
27	The use of MRI to quantify multi-phase flow patterns and transitions: an application to horizontal slug flow. <i>Nuclear Engineering and Design</i> , <b>1998</b> , 184, 213-228	1.8	15
26	A numerical study of magnetic resonance images of pulsatile flow in a two dimensional carotid bifurcation: a numerical study of MR images. <i>Medical Engineering and Physics</i> , <b>1998</b> , 20, 643-52	2.4	22
25	Techniques for Vascular Depiction Using Magnetic Resonance Angiography. <i>Seminars in Interventional Radiology</i> , <b>1998</b> , 15, 189-204	1.6	1
24	Determinants of image appearance in contrast-enhanced magnetic resonance angiography. A review. <i>Investigative Radiology</i> , <b>1998</b> , 33, 488-95	10.1	29
23	Central intraluminal saturation stripe on MR angiograms of curved vessels: simulation, phantom, and clinical analysis. <i>Radiology</i> , <b>1996</b> , 198, 733-9	20.5	16
22	Calculation of the magnetization distribution for fluid flow in curved vessels. <i>Magnetic Resonance in Medicine</i> , <b>1996</b> , 35, 577-84	4.4	31
21	The AAPM/RSNA physics tutorial for residents. An introduction to MR angiography. <i>Radiographics</i> , <b>1995</b> , 15, 453-65	5.4	41
20	Assessment of carotid artery stenosis by ultrasonography, conventional angiography, and magnetic resonance angiography: correlation with ex vivo measurement of plaque stenosis. <i>Journal of Vascular Surgery</i> , <b>1995</b> , 21, 82-8; discussion 88-9	3.5	129
19	Cardiac-gated MR angiography of pulsatile flow: k-space strategies. <i>Journal of Magnetic Resonance Imaging</i> , <b>1995</b> , 5, 297-307	5.6	16
18	MR imaging of flow through tortuous vessels: a numerical simulation. <i>Magnetic Resonance in Medicine</i> , <b>1994</b> , 31, 184-95	4.4	38
17	MRA studies of arterial stenosis: improvements by diastolic acquisition. <i>Magnetic Resonance in Medicine</i> , <b>1994</b> , 31, 196-203	4.4	24
16	High speed bolus tagging: time resolved velocity quantification of pulsatile flow in a single breath hold. <i>Magnetic Resonance in Medicine</i> , <b>1994</b> , 32, 661-7	4.4	4
15	Measurement of internal carotid artery stenosis from source MR angiograms. <i>Radiology</i> , <b>1994</b> , 193, 219-26.5	26.5	55
14	High resolution cine MRI of vessel distension. <i>Journal of Computer Assisted Tomography</i> , <b>1994</b> , 18, 576-80.2	80.2	12
13	Evaluation of myocardial perfusion abnormalities with gadolinium-enhanced snapshot MR imaging in humans. Work in progress. <i>Radiology</i> , <b>1992</b> , 185, 795-801	20.5	89
12	Instrumentation for magnetic resonance angiography. <i>CardioVascular and Interventional Radiology</i> , <b>1992</b> , 15, 14-22	2.7	3
11	Magnetic resonance angiography of the carotid artery combining two- and three-dimensional acquisitions. <i>Journal of Vascular Surgery</i> , <b>1992</b> , 16, 609-618	3.5	23

10	MR angiography with a cardiac-phase-specific acquisition window. <i>Journal of Magnetic Resonance Imaging</i> , <b>1992</b> , 2, 637-43	5.6	25
9	Color Doppler artifact from metallic carotid clamp. <i>Journal of Ultrasound in Medicine</i> , <b>1991</b> , 10, 691-4	2.9	5
8	Application of a connected-voxel algorithm to MR angiographic data. <i>Journal of Magnetic Resonance Imaging</i> , <b>1991</b> , 1, 423-30	5.6	11
7	Dedicated coil for carotid MR angiography. <i>Radiology</i> , <b>1990</b> , 176, 868-72	20.5	14
6	Intensity dependence of flow signal in slice selective velocity measurements. <i>Magnetic Resonance Imaging</i> , <b>1989</b> , 7, 61-7	3.3	6
5	Current Applications of Magnetic Resonance Vascular Imaging. <i>Cardiology Clinics</i> , <b>1989</b> , 7, 661-683	2.5	1
4	MR flow imaging in projection through a stationary surround. <i>Journal of Computer Assisted Tomography</i> , <b>1988</b> , 12, 122-9	2.2	10
3	NMR velocity-selective excitation composites for flow and motion imaging and suppression of static tissue signal. <i>IEEE Transactions on Medical Imaging</i> , <b>1987</b> , 6, 141-7	11.7	20
2	Velocity imaging by rapid cycle tagging. <i>Medical Physics</i> , <b>1987</b> , 14, 167-71	4.4	7
1	Characterization of surface defects and determination of overlayer nucleation and growth by surface-sensitive diffraction. <i>Applied Surface Science</i> , <b>1986</b> , 26, 418-430	6.7	1