

Steven W Hetts

List of Publications by Year in descending order

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Version: 2024-02-01

190
papers

5,001
citations

126901

33
h-index

118840

62
g-index

191
all docs

191
docs citations

191
times ranked

5786
citing authors

#	ARTICLE	IF	CITATIONS
1	Pivotal trial of the Neuroform Atlas stent for treatment of posterior circulation aneurysms: one-year outcomes. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 143-148.	3.3	11
2	Endovascular treatment strategy, technique, and outcomes for dural arteriovenous fistulas of the marginal sinus region. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 155-159.	3.3	3
3	Thrombectomy in special populations: report of the Society of NeuroInterventional Surgery Standards and Guidelines Committee. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1033-1041.	3.3	16
4	Robotics for neuroendovascular intervention: Background and primer. <i>Neuroradiology Journal</i> , 2022, 35, 25-35.	1.2	3
5	Validation of the Ruptured Arteriovenous Malformation Grading Scale in a pediatric cohort. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 29, 575-579.	1.3	2
6	Angiographically Occult Subarachnoid Hemorrhage: Yield of Repeat Angiography, Influence of Initial CT Bleed Pattern, and Sources of Diagnostic Error in 242 Consecutive Patients. <i>American Journal of Neuroradiology</i> , 2022, 43, 731-735.	2.4	5
7	Evaluating Radioactive Analogs of Doxorubicin to Quantify ChemoFilter Binding and Whole Body PET/MR Drug Biodistribution. <i>Journal of Vascular and Interventional Radiology</i> , 2022, , .	0.5	0
8	Aspiration thrombectomy using a novel 088 catheter and specialized delivery catheter. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1239-1243.	3.3	12
9	Outcome of Neonates Presenting With Severe Cardiac Failure due to Cerebral Arteriovenous Fistula. <i>Pediatric Neurology</i> , 2022, 131, 25-29.	2.1	2
10	Back to the Future: A Mesh Balloon for Wide-necked Brain Aneurysm Endovascular Treatment. <i>Radiology</i> , 2022, , 213306.	7.3	0
11	Endovascular treatment in the multimodality management of brain arteriovenous malformations: report of the Society of NeuroInterventional Surgery Standards and Guidelines Committee. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1118-1124.	3.3	20
12	The Hybrid Operative Suite with Intra-operative Biplane Rotational Angiography in Pediatric Cerebrovascular Neurosurgery: Utility and Lessons Learned. <i>Pediatric Neurosurgery</i> , 2022, , .	0.7	3
13	Endovascular Therapy for Intracranial Giant Cell Arteritis. <i>Clinical Neuroradiology</i> , 2022, , 1.	1.9	4
14	Pharyngo-tympano-stapedial middle meningeal artery variant supply to a falcotentorial dural arteriovenous fistula. <i>Journal of NeuroInterventional Surgery</i> , 2022, , neurintsurg-2022-018817.	3.3	0
15	Machine learning for predicting hemorrhage in pediatric patients with brain arteriovenous malformation. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 30, 203-209.	1.3	5
16	Arterioectatic Spinal Angiopathy of Childhood: Clinical, Imaging, Laboratory, Histologic, and Genetic Description of a Novel CNS Vascular Pathology. <i>American Journal of Neuroradiology</i> , 2022, 43, 1060-1067.	2.4	1
17	Endovascular Thrombectomy for Pediatric Acute Ischemic Stroke: A Multi-Institutional Experience of Technical and Clinical Outcomes. <i>Neurosurgery</i> , 2021, 88, 46-54.	1.1	15
18	Five-year results of randomized bioactive versus bare metal coils in the treatment of intracranial aneurysms: the Matrix and Platinum Science (MAPS) Trial. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 930-934.	3.3	14

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19	Virtual 2D angiography from four-dimensional digital subtraction angiography (4D-DSA): A feasibility study. <i>Interventional Neuroradiology</i> , 2021, 27, 307-313.	1.1	6
20	Interventional neuro-oncology. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 176, 361-378.	1.8	1
21	Brain arteriovenous malformations. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 176, 171-178.	1.8	19
22	“And do no harm” Complications in interventional neuroradiology. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 176, 395-399.	1.8	2
23	Maternal and Fetal Outcomes in Women with Brain Arteriovenous Malformation Rupture during Pregnancy. <i>Cerebrovascular Diseases</i> , 2021, 50, 296-302.	1.7	5
24	Social media usage for neurointerventionalists: report of the Society of NeuroInterventional Surgery Standards and Guidelines Committee. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 674-678.	3.3	4
25	Segmental overgrowth and aneurysms due to mosaic PDGFRB p.(Tyr562Cys). <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 1430-1436.	1.2	7
26	Abstract P486: Mechanical Embolectomy Using a Novel Telescopic System Featuring a Specialized Delivery and 0.088” Aspiration Catheter for the Treatment of Acute Ischemic Stroke: Preliminary Results of the SUMMIT NZ Trial. <i>Stroke</i> , 2021, 52, .	2.0	0
27	Combined Use of X-ray Angiography and Intraprocedural MRI Enables Tissue-based Decision Making Regarding Revascularization during Acute Ischemic Stroke Intervention. <i>Radiology</i> , 2021, 299, 167-176.	7.3	6
28	Pediatric diagnostic cerebral angiography: practice recommendations from the SNIS Pediatric Committee. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 762-766.	3.3	14
29	Dural Arteriovenous Fistulas of the Foramen Magnum Region: Clinical Features and Angioarchitectural Phenotypes. <i>American Journal of Neuroradiology</i> , 2021, 42, 1486-1491.	2.4	20
30	Reply:. <i>American Journal of Neuroradiology</i> , 2021, 42, E58-E59.	2.4	0
31	3D-Printed Drug Capture Materials Based on Genomic DNA Coatings. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 41424-41434.	8.0	4
32	Intrasaccular flow disruption (WEB) of a large wide-necked basilar apex aneurysm using PulseRider-assistance. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2021, 24, 101072.	0.3	4
33	The Geometry of Y-Stent Configurations Used for Wide-Necked Aneurysm Treatment: Analyzing Double-Barrel Stents In Vitro Using Flat-Panel Computed Tomography. <i>World Neurosurgery</i> , 2021, 151, e363-e371.	1.3	2
34	Second International Guidelines for the Diagnosis and Management of Hereditary Hemorrhagic Telangiectasia. <i>Annals of Internal Medicine</i> , 2021, 174, 1035-1036.	3.9	9
35	Hereditary Hemorrhagic Telangiectasia: The Convergence of Genotype, Phenotype, and Imaging in Modern Diagnosis and Management of a Multisystem Disease. <i>Radiology</i> , 2021, 300, 17-30.	7.3	22
36	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> , 2021, 15, 697432.	2.8	4

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37	Safety and efficacy results of the Flow Redirection Endoluminal Device (FRED) stent system in the treatment of intracranial aneurysms: US pivotal trial. <i>Journal of NeuroInterventional Surgery</i> , 2021, , neurintsurg-2021-017469.	3.3	8
38	Pediatric brain arteriovenous malformation recurrence: a cohort study, systematic review and meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2021, , neurintsurg-2021-017777.	3.3	10
39	Retinal emboli after cervicopetrous junction internal carotid artery pseudoaneurysm stenting. <i>American Journal of Ophthalmology Case Reports</i> , 2021, 23, 101164.	0.7	2
40	Radial artery access anatomy: considerations for neuroendovascular procedures. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 1139-1144.	3.3	17
41	Utility of modified Rankin Scale for brain vascular malformations in hereditary hemorrhagic telangiectasia. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 390.	2.7	1
42	Radial artery access for neuroendovascular procedures: safety review and complications. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 1132-1138.	3.3	17
43	Pediatric moyamoya MRI score: an imaging-based scale to predict outcomes in surgically treated pediatric patients with moyamoya. <i>Neurosurgical Focus</i> , 2021, 51, E8.	2.3	1
44	Factors associated with seizures at initial presentation in pediatric patients with cerebral arteriovenous malformations. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 28, 663-668.	1.3	3
45	Multiple Tumor-Associated Intracranial Aneurysms Adjacent to a Suprasellar Germ Cell Tumor: Case Report and Review of Literature. <i>Pediatric Neurosurgery</i> , 2021, 56, 482-491.	0.7	0
46	Multi-scale physics modeling of doxorubicine binding to ion-exchange resin in blood filtration devices. <i>AIChE Journal</i> , 2021, 67, e171119.	3.6	1
47	Cessation and resumption of elective neurointerventional procedures during the coronavirus disease 2019 pandemic and future pandemics. <i>Interventional Neuroradiology</i> , 2021, 27, 30-35.	1.1	0
48	Endovascular Biopsy of Vertebrobasilar Aneurysm in Patient With Polyarteritis Nodosa. <i>Frontiers in Neurology</i> , 2021, 12, 697105.	2.4	9
49	Wireless Resonant Circuits Printed Using Aerosol Jet Deposition for MRI Catheter Tracking. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 876-882.	4.2	16
50	A New Era of Extended Time Window Acute Stroke Interventions Guided by Imaging. <i>Neurohospitalist</i> , The, 2020, 10, 29-37.	0.8	6
51	Clinical outcomes after revascularization for pediatric moyamoya disease and syndrome: A single-center series. <i>Journal of Clinical Neuroscience</i> , 2020, 79, 137-143.	1.5	7
52	Recent Administration of Iodinated Contrast Renders Core Infarct Estimation Inaccurate Using RAPID Software. <i>American Journal of Neuroradiology</i> , 2020, 41, 2235-2242.	2.4	12
53	The Role of Liver Imaging in Hereditary Hemorrhagic Telangiectasia. <i>Journal of Clinical Medicine</i> , 2020, 9, 3750.	2.4	7
54	Second International Guidelines for the Diagnosis and Management of Hereditary Hemorrhagic Telangiectasia. <i>Annals of Internal Medicine</i> , 2020, 173, 989-1001.	3.9	244

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55	Single-center series of boys with recurrent strokes and rotational vertebral arteriopathy. <i>Neurology</i> , 2020, 95, e1830-e1834.	1.1	14
56	Brain Arteriovenous Malformation Recurrence After Apparent Microsurgical Cure. <i>Stroke</i> , 2020, 51, 2990-2996.	2.0	28
57	Interrater Reliability in the Measurement of Flow Characteristics on Color-Coded Quantitative DSA of Brain AVMs. <i>American Journal of Neuroradiology</i> , 2020, 41, 2303-2310.	2.4	11
58	Comparison of MRI, MRA, and DSA for Detection of Cerebral Arteriovenous Malformations in Hereditary Hemorrhagic Telangiectasia. <i>American Journal of Neuroradiology</i> , 2020, 41, 969-975.	2.4	9
59	High-Flow Vascular Malformations in Children. <i>Seminars in Neurology</i> , 2020, 40, 303-314.	1.4	7
60	Pivotal Trial of the Neuroform Atlas Stent for Treatment of Anterior Circulation Aneurysms. <i>Stroke</i> , 2020, 51, 2087-2094.	2.0	45
61	Computational modeling of drug transport and mixing in the chemofilter device: enhancing the removal of chemotherapeutics from circulation. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 1865-1877.	2.8	3
62	Morphological changes of intracranial pressure quantifies vasodilatory effect of verapamil to treat cerebral vasospasm. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 802-808.	3.3	5
63	Interhemispheric Surgical Approaches for Ruptured Intraventricular Arteriovenous Malformation—Associated Aneurysms: Technical Report and Case Series. <i>World Neurosurgery</i> , 2020, 139, e618-e625.	1.3	1
64	Early postmarket results with PulseRider for treatment of wide-necked intracranial aneurysms: a multicenter experience. <i>Journal of Neurosurgery</i> , 2020, 133, 1756-1765.	1.6	17
65	Bringing high-grade arteriovenous malformations under control: clinical outcomes following multimodality treatment in children. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 26, 82-91.	1.3	16
66	Impact of Aortic Arch Anatomy on Technical Performance and Clinical Outcomes in Patients with Acute Ischemic Stroke. <i>American Journal of Neuroradiology</i> , 2020, 41, 268-273.	2.4	25
67	The University of California, San Francisco Documentation System for Retinoblastoma: Preparing to Improve Staging Methods for This Disease. <i>Ocular Oncology and Pathology</i> , 2019, 5, 36-45.	1.0	4
68	3D Printed Absorber for Capturing Chemotherapy Drugs before They Spread through the Body. <i>ACS Central Science</i> , 2019, 5, 419-427.	11.3	38
69	Endovascular Ion Exchange Chemofiltration Device Reduces Off-Target Doxorubicin Exposure in a Hepatic Intra-arterial Chemotherapy Model. <i>Radiology Imaging Cancer</i> , 2019, 1, e190009.	1.6	7
70	Neuroform Atlas Stent System for the treatment of intracranial aneurysm: primary results of the Atlas Humanitarian Device Exemption cohort. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 801-806.	3.3	64
71	Diving into a Shallow Pool: Endovascular Treatment for Basilar Artery Occlusion. <i>Radiology</i> , 2019, 291, 738-739.	7.3	2
72	Imaging of Acute Stroke. <i>Radiologic Clinics of North America</i> , 2019, 57, 1083-1091.	1.8	4

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73	Long-Term Outcomes of Endovascular Treatment of Indirect Carotid Cavernous Fistulae: Superior Efficacy, Safety, and Durability of Transvenous Coiling Over Other Techniques. <i>Neurosurgery</i> , 2019, 85, E94-E100.	1.1	39
74	Frequency and characteristics associated with inherited thrombophilia in patients with intracranial dural arteriovenous fistula. <i>Journal of Neurosurgery</i> , 2019, 130, 1346-1350.	1.6	9
75	Abstract TP581: Maternal and Fetal Outcomes in Women With Brain Arteriovenous Malformation Rupture During Pregnancy. <i>Stroke</i> , 2019, 50, .	2.0	0
76	Improved procedural safety following protocol changes for selective ophthalmic arterial infusion of chemotherapy for treatment of ocular retinoblastoma. <i>Interventional Neuroradiology</i> , 2018, 24, 345-350.	1.1	10
77	Pilot Study of the Safety and Efficacy of Gallbladder Cryoablation in a Porcine Model: Midterm Results. <i>Journal of Vascular and Interventional Radiology</i> , 2018, 29, 340-344.	0.5	10
78	Predictors of intracranial hemorrhage volume and distribution in brain arteriovenous malformation. <i>Interventional Neuroradiology</i> , 2018, 24, 183-188.	1.1	6
79	Estimation of intra-arterial chemotherapy distribution to the retina in pediatric retinoblastoma patients using quantitative digital subtraction angiography. <i>Interventional Neuroradiology</i> , 2018, 24, 214-219.	1.1	6
80	Neuroendovascular management of emergent large vessel occlusion: update on the technical aspects and standards of practice by the Standards and Guidelines Committee of the Society of NeuroInterventional Surgery. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 315-320.	3.3	32
81	Targeted Embolization of Aneurysms Associated With Brain Arteriovenous Malformations at High Risk for Surgical Resection: A Case-Control Study. <i>Neurosurgery</i> , 2018, 82, 343-349.	1.1	14
82	Surgical Treatment vs Nonsurgical Treatment for Brain Arteriovenous Malformations in Patients with Hereditary Hemorrhagic Telangiectasia: A Retrospective Multicenter Consortium Study. <i>Neurosurgery</i> , 2018, 82, 35-47.	1.1	22
83	Endovascular Biopsy: In Vivo Cerebral Aneurysm Endothelial Cell Sampling and Gene Expression Analysis. <i>Translational Stroke Research</i> , 2018, 9, 20-33.	4.2	32
84	Improving mechanical thrombectomy time metrics in the angiography suite: Stroke cart, parallel workflows, and conscious sedation. <i>Interventional Neuroradiology</i> , 2018, 24, 168-177.	1.1	12
85	Quantification of ⁸⁹ Zr-iron oxide nanoparticle biodistribution using PET-MR and ultrashort TE sequences. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 1717-1720.	3.4	2
86	Drug capture materials based on genomic DNA-functionalized magnetic nanoparticles. <i>Nature Communications</i> , 2018, 9, 2870.	12.8	31
87	A two-scale approach for CFD modeling of endovascular Chemofilter device. <i>Biomechanics and Modeling in Mechanobiology</i> , 2018, 17, 1811-1820.	2.8	4
88	Current endovascular strategies for cerebral venous thrombosis: report of the SNIS Standards and Guidelines Committee. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 803-810.	3.3	75
89	Interventional Therapies for Cerebrovascular Diseases. , 2018, , 249-283.		0
90	Standard and Guidelines: Intracranial Dural Arteriovenous Shunts. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 516-523.	3.3	26

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91	Initial hospital management of patients with emergent large vessel occlusion (ELVO): report of the standards and guidelines committee of the Society of NeuroInterventional Surgery. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 316-323.	3.3	112
92	Utility of perfusion imaging in acute stroke treatment: a systematic review and meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 1012-1016.	3.3	27
93	Prehospital care delivery and triage of stroke with emergent large vessel occlusion (ELVO): report of the Standards and Guidelines Committee of the Society of Neurointerventional Surgery. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 802-812.	3.3	61
94	Diffusion-weighted imaging or computerized tomography perfusion assessment with clinical mismatch in the triage of wake up and late presenting strokes undergoing neurointervention with Trevo (DAWN) trial methods. <i>International Journal of Stroke</i> , 2017, 12, 641-652.	5.9	168
95	Post-thrombectomy management of the ELVO patient: Guidelines from the Society of NeuroInterventional Surgery. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 1258-1266.	3.3	27
96	Pial Artery Supply as an Anatomic Risk Factor for Ischemic Stroke in the Treatment of Intracranial Dural Arteriovenous Fistulas. <i>American Journal of Neuroradiology</i> , 2017, 38, 2315-2320.	2.4	22
97	Interventional magnetic resonance imaging guided carotid embolectomy using a novel resonant marker catheter: demonstration of preclinical feasibility. <i>Biomedical Microdevices</i> , 2017, 19, 88.	2.8	8
98	Design of catheter radio frequency coils using coaxial transmission line resonators for interventional neurovascular MR imaging. <i>Quantitative Imaging in Medicine and Surgery</i> , 2017, 7, 187-194.	2.0	7
99	Technical factors affecting outcomes following endovascular treatment of posterior circulation atherosclerotic lesions. , 2017, 8, 284.		3
100	In vitro clearance of doxorubicin with a DNA-based filtration device designed for intravascular use with intra-arterial chemotherapy. <i>Biomedical Microdevices</i> , 2016, 18, 98.	2.8	12
101	Optimization of an endovascular magnetic filter for maximized capture of magnetic nanoparticles. <i>Biomedical Microdevices</i> , 2016, 18, 109.	2.8	7
102	Endovascular MR-guided Renal Embolization by Using a Magnetically Assisted Remote-controlled Catheter System. <i>Radiology</i> , 2016, 281, 219-228.	7.3	11
103	Pediatric intracranial dural arteriovenous fistulas: age-related differences in clinical features, angioarchitecture, and treatment outcomes. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 602-610.	1.3	36
104	Geographic Differences in Endovascular Treatment and Retreatment of Cerebral Aneurysms. <i>American Journal of Neuroradiology</i> , 2016, 37, 2055-2059.	2.4	9
105	Block Copolymer Membranes for Efficient Capture of a Chemotherapy Drug. <i>ACS Macro Letters</i> , 2016, 5, 936-941.	4.8	19
106	Gallbladder Cryoablation: Proof of Concept in a Swine Model for a Percutaneous Alternative to Cholecystectomy. <i>CardioVascular and Interventional Radiology</i> , 2016, 39, 1031-1035.	2.0	6
107	Multi-detector CT and MRI of microembolized myocardial infarct: monitoring of left ventricular function, perfusion, and myocardial viability in a swine model. <i>Acta Radiologica</i> , 2016, 57, 215-224.	1.1	6
108	Less can be more: Targeted embolization of aneurysms associated with arteriovenous malformations unsuitable for surgical resection. <i>Interventional Neuroradiology</i> , 2016, 22, 445-451.	1.1	23

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109	Delayed Cerebral Infarction Following Intra-arterial Chemotherapy for Retinoblastoma. JAMA Ophthalmology, 2016, 134, 712.	2.5	21
110	In Vitro Capture of Small Ferrous Particles with a Magnetic Filtration Device Designed for Intravascular Use with Intraarterial Chemotherapy: Proof-of-Concept Study. Journal of Vascular and Interventional Radiology, 2016, 27, 426-432.e1.	0.5	10
111	Superselective Intra-Arterial Ethanol Sclerotherapy of Feeding Artery and Nidal Aneurysms in Ruptured Cerebral Arteriovenous Malformations. American Journal of Neuroradiology, 2016, 37, 692-697.	2.4	19
112	Onyx embolization of an intraosseous pseudoaneurysm of the middle meningeal artery in a patient with meningiomatosis, McCune-Albright syndrome, and gray platelet syndrome. Journal of Neurosurgery: Pediatrics, 2016, 17, 324-329.	1.3	7
113	Spontaneous retroclival hematoma: a case series. Journal of Neurosurgery, 2016, 124, 716-719.	1.6	13
114	Lesion location, stability, and pretreatment management: factors affecting outcomes of endovascular treatment for vertebrobasilar atherosclerosis. Journal of NeuroInterventional Surgery, 2016, 8, 466-470.	3.3	11
115	Intra-Arterial MR Perfusion Imaging of Meningiomas: Comparison to Digital Subtraction Angiography and Intravenous MR Perfusion Imaging. PLoS ONE, 2016, 11, e0163554.	2.5	4
116	Renal ablation using magnetic resonance-guided high intensity focused ultrasound: Magnetic resonance imaging and histopathology assessment. World Journal of Radiology, 2016, 8, 298.	1.1	6
117	Pial non-galenic arteriovenous fistulas. Journal of Pediatric Neuroradiology, 2015, 02, 189-202.	0.1	0
118	Endovascular biopsy: Strategy for analyzing gene expression profiles of individual endothelial cells obtained from human vessels. Biotechnology Reports (Amsterdam, Netherlands), 2015, 7, 157-165.	4.4	11
119	Endovascular biopsy: Technical feasibility of novel endothelial cell harvesting devices assessed in a rabbit aneurysm model. Interventional Neuroradiology, 2015, 21, 120-128.	1.1	12
120	Digital subtraction MR angiography roadmapping for magnetic steerable catheter tracking. Journal of Magnetic Resonance Imaging, 2015, 41, 1157-1162.	3.4	3
121	MRI monitoring of function, perfusion and viability in microembolized moderately ischemic myocardium. International Journal of Cardiovascular Imaging, 2015, 31, 1179-1190.	1.5	3
122	Multidetector CT Measurement of Myocardial Extracellular Volume in Acute Patchy and Contiguous Infarction: Validation with Microscopic Measurement. Radiology, 2015, 274, 370-378.	7.3	38
123	Pediatric spinal vascular malformations: Diagnosis and treatment. Journal of Pediatric Neuroradiology, 2015, 02, 283-292.	0.1	1
124	Intraprocedural Safety and Technical Success of the MVP Micro Vascular Plug for Embolization of Pulmonary Arteriovenous Malformations. Journal of Vascular and Interventional Radiology, 2015, 26, 1735-1739.	0.5	41
125	Embolectomy for stroke with emergent large vessel occlusion (ELVO): report of the Standards and Guidelines Committee of the Society of NeuroInterventional Surgery: Table A1. Journal of NeuroInterventional Surgery, 2015, 7, 316-321.	3.3	64
126	Magnetic Resonance-Guided Passive Catheter Tracking for Endovascular Therapy. Magnetic Resonance Imaging Clinics of North America, 2015, 23, 591-605.	1.1	12

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127	New-Generation Laser-lithographed Dual-Axis Magnetically Assisted Remote-controlled Endovascular Catheter for Interventional MR Imaging: In Vitro Multiplanar Navigation at 1.5 T and 3 T versus X-ray Fluoroscopy. <i>Radiology</i> , 2015, 277, 842-852.	7.3	20
128	A novel model of large vessel ischemic stroke in rabbits: microcatheter occlusion of the posterior cerebral artery. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 363-366.	3.3	5
129	Radiological and clinical features of vein of Galen malformations. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 443-448.	3.3	41
130	Cardiac MR imaging: current status and future direction. <i>Cardiovascular Diagnosis and Therapy</i> , 2015, 5, 290-310.	1.7	71
131	In vivo dielectric measuring instrument using picosecond pulse for detection of oral cancer. <i>Medical Instrumentation (Luton, England)</i> , 2014, 2, 2.	0.6	1
132	Cerebral arteriopathy associated with Arg179His ACTA2 mutation. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, e46-e46.	3.3	16
133	Cerebral Arterial Fenestrations. <i>Interventional Neuroradiology</i> , 2014, 20, 261-274.	1.1	55
134	Contrast Staining on CT after DSA in Ischemic Stroke Patients Progresses to Infarction and Rarely Hemorrhages. <i>Interventional Neuroradiology</i> , 2014, 20, 106-115.	1.1	31
135	Development and Validation of Endovascular Chemotherapy Filter Device for Removing High-Dose Doxorubicin: Preclinical Study. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2014, 8, 0410081-410088.	0.7	18
136	MRI demonstrates a decrease in myocardial infarct healing and increase in compensatory ventricular hypertrophy following mechanical microvascular obstruction. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 906-914.	3.4	9
137	Magnetically Assisted Remote-controlled Endovascular Catheter for Interventional MR Imaging: In Vitro Navigation at 1.5 T versus X-ray Fluoroscopy. <i>Radiology</i> , 2014, 271, 862-869.	7.3	23
138	Influence of Patient Age on Angioarchitecture of Brain Arteriovenous Malformations. <i>American Journal of Neuroradiology</i> , 2014, 35, 1376-1380.	2.4	80
139	Comparing deflection measurements of a magnetically steerable catheter using optical imaging and MRI. <i>Medical Physics</i> , 2014, 41, 022305.	3.0	14
140	Current trends in endovascular management of traumatic cerebrovascular injury. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, 47-50.	3.3	36
141	Occipital artery anastomosis to vertebral artery causing pulsatile tinnitus. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, e15-e15.	3.3	7
142	Radiation dose reduction in intra-arterial chemotherapy infusion for intraocular retinoblastoma. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, 785-789.	3.3	15
143	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> , 2014, 6, 314-319.	3.3	7
144	Deep Arteriovenous Malformations in the Basal Ganglia, Thalamus, and Insula: Multimodality Management, Patient Selection, and Results. <i>World Neurosurgery</i> , 2014, 82, 386-394.	1.3	47

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