

David F Kallmes

List of Publications by Year in descending order

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233
papers

11,215
citations

53660

45
h-index

34900

98
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239
all docs

239
docs citations

239
times ranked

11022
citing authors

#	ARTICLE	IF	CITATIONS
1	A Randomized Trial of Vertebroplasty for Osteoporotic Spinal Fractures. <i>New England Journal of Medicine</i> , 2009, 361, 569-579.	13.9	1,317
2	Intracranial Gadolinium Deposition after Contrast-enhanced MR Imaging. <i>Radiology</i> , 2015, 275, 772-782.	3.6	1,148
3	Pipeline for Uncoilable or Failed Aneurysms: Results from a Multicenter Clinical Trial. <i>Radiology</i> , 2013, 267, 858-868.	3.6	937
4	A New Endoluminal, Flow-Disrupting Device for Treatment of Saccular Aneurysms. <i>Stroke</i> , 2007, 38, 2346-2352.	1.0	413
5	MRI Findings of Disc Degeneration are More Prevalent in Adults with Low Back Pain than in Asymptomatic Controls: A Systematic Review and Meta-Analysis. <i>American Journal of Neuroradiology</i> , 2015, 36, 2394-2399.	1.2	368
6	The Effects of Changes in Utilization and Technological Advancements of Cross-Sectional Imaging on Radiologist Workload. <i>Academic Radiology</i> , 2015, 22, 1191-1198.	1.3	266
7	Gadolinium Deposition in Human Brain Tissues after Contrast-enhanced MR Imaging in Adult Patients without Intracranial Abnormalities. <i>Radiology</i> , 2017, 285, 546-554.	3.6	253
8	Correlation of imaging and histopathology of thrombi in acute ischemic stroke with etiology and outcome: a systematic review. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 529-534.	2.0	208
9	Patency of the ophthalmic artery after flow diversion treatment of paraclinoid aneurysms. <i>Journal of Neurosurgery</i> , 2012, 116, 892-896.	0.9	183
10	Prospective study on embolization of intracranial aneurysms with the pipeline device: the PREMIER study 1 year results. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 62-66.	2.0	178
11	Safety and efficacy of the Pipeline embolization device for treatment of intracranial aneurysms: a pooled analysis of 3 large studies. <i>Journal of Neurosurgery</i> , 2017, 127, 775-780.	0.9	169
12	Cellular Mechanisms of Aneurysm Occlusion after Treatment with a Flow Diverter. <i>Radiology</i> , 2014, 270, 394-399.	3.6	167
13	Aneurysm Study of Pipeline in an Observational Registry (ASPIRe). <i>Interventional Neurology</i> , 2016, 5, 89-99.	1.8	162
14	Comparison of Gadolinium Concentrations within Multiple Rat Organs after Intravenous Administration of Linear versus Macrocyclic Gadolinium Chelates. <i>Radiology</i> , 2017, 285, 536-545.	3.6	155
15	Risk Factors for Growth of Intracranial Aneurysms: A Systematic Review and Meta-Analysis. <i>American Journal of Neuroradiology</i> , 2016, 37, 615-620.	1.2	149
16	Impact of balloon guide catheter on technical and clinical outcomes: a systematic review and meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 335-339.	2.0	147
17	Delayed hemorrhagic complications after flow diversion for intracranial aneurysms: a literature overview. <i>Neuroradiology</i> , 2016, 58, 171-177.	1.1	140
18	Anesthesia-Related Outcomes for Endovascular Stroke Revascularization. <i>Stroke</i> , 2017, 48, 2784-2791.	1.0	138

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19	Analyses of thrombi in acute ischemic stroke: A consensus statement on current knowledge and future directions. <i>International Journal of Stroke</i> , 2017, 12, 606-614.	2.9	128
20	Efficacy and Safety of the Woven EndoBridge (WEB) Device for the Treatment of Intracranial Aneurysms: A Systematic Review and Meta-Analysis. <i>American Journal of Neuroradiology</i> , 2016, 37, 2287-2292.	1.2	109
21	Endovascular Treatment of Ruptured Blister-Like Aneurysms: A Systematic Review and Meta-Analysis with Focus on Deconstructive versus Reconstructive and Flow-Diverter Treatments. <i>American Journal of Neuroradiology</i> , 2015, 36, 2331-2339.	1.2	104
22	Clinical Worsening in Reversible Cerebral Vasoconstriction Syndrome. <i>JAMA Neurology</i> , 2014, 71, 68.	4.5	99
23	COVID-19 Imaging: What We Know Now and What Remains Unknown. <i>Radiology</i> , 2021, 299, E262-E279.	3.6	97
24	Risk Factors for Ischemic Complications following Pipeline Embolization Device Treatment of Intracranial Aneurysms: Results from the IntrePED Study. <i>American Journal of Neuroradiology</i> , 2016, 37, 1673-1678.	1.2	84
25	Endovascular Coiling of Wide-Neck and Wide-Neck Bifurcation Aneurysms: A Systematic Review and Meta-Analysis. <i>American Journal of Neuroradiology</i> , 2016, 37, 1700-1705.	1.2	84
26	Risk of Acute Kidney Injury, Dialysis, and Mortality in Patients With Chronic Kidney Disease After Intravenous Contrast Material Exposure. <i>Mayo Clinic Proceedings</i> , 2015, 90, 1046-1053.	1.4	81
27	Neurons Over Nephrons. <i>Stroke</i> , 2017, 48, 1862-1868.	1.0	79
28	Intracranial Gadolinium Deposition Following Gadodiamide-Enhanced Magnetic Resonance Imaging in Pediatric Patients. <i>JAMA Pediatrics</i> , 2017, 171, 705.	3.3	76
29	Patency of the posterior communicating artery after flow diversion treatment of internal carotid artery aneurysms. <i>Clinical Neurology and Neurosurgery</i> , 2014, 120, 84-88.	0.6	75
30	Wall Apposition Is a Key Factor for Aneurysm Occlusion after Flow Diversion: A Histologic Evaluation in 41 Rabbits. <i>American Journal of Neuroradiology</i> , 2016, 37, 2087-2091.	1.2	71
31	Prevalence of Intracranial Aneurysms in Patients with Connective Tissue Diseases: A Retrospective Study. <i>American Journal of Neuroradiology</i> , 2016, 37, 1422-1426.	1.2	71
32	Conscious sedation versus general anaesthesia during mechanical thrombectomy for stroke: a propensity score analysis. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 789-794.	2.0	69
33	Neurovascular manifestations of connective-tissue diseases: A review. <i>Interventional Neuroradiology</i> , 2016, 22, 624-637.	0.7	69
34	Hemodynamics during anesthesia for intra-arterial therapy of acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 883-888.	2.0	67
35	Risk Factors for Hemorrhagic Complications following Pipeline Embolization Device Treatment of Intracranial Aneurysms: Results from the International Retrospective Study of the Pipeline Embolization Device. <i>American Journal of Neuroradiology</i> , 2015, 36, 2308-2313.	1.2	62
36	Platelet-Rich Emboli in Cerebral Large Vessel Occlusion Are Associated With a Large Artery Atherosclerosis Source. <i>Stroke</i> , 2019, 50, 1907-1910.	1.0	61

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37	Mechanism of Action and Biology of Flow Diverters in the Treatment of Intracranial Aneurysms. <i>Neurosurgery</i> , 2020, 86, S13-S19.	0.6	61
38	Associations of hemodynamics, morphology, and patient characteristics with aneurysm rupture stratified by aneurysm location. <i>Neuroradiology</i> , 2019, 61, 275-284.	1.1	59
39	Clot permeability and histopathology: is a clot's perviousness on CT imaging correlated with its histologic composition?. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 38-42.	2.0	58
40	Accumulation of Gadolinium in Human Cerebrospinal Fluid after Gadobutrol-enhanced MR Imaging: A Prospective Observational Cohort Study. <i>Radiology</i> , 2018, 288, 416-423.	3.6	57
41	Pipeline Embolization Device with or without Adjunctive Coil Embolization: Analysis of Complications from the IntrePED Registry. <i>American Journal of Neuroradiology</i> , 2016, 37, 1127-1131.	1.2	56
42	Orbit image analysis machine learning software can be used for the histological quantification of acute ischemic stroke blood clots. <i>PLoS ONE</i> , 2019, 14, e0225841.	1.1	55
43	A collagen-based coil for embolization of saccular aneurysms in a New Zealand White rabbit model. <i>American Journal of Neuroradiology</i> , 2003, 24, 591-6.	1.2	53
44	Current Trends and Results of Endovascular Treatment of Unruptured Intracranial Aneurysms at a Single Institution in the Flow-Diverter Era. <i>American Journal of Neuroradiology</i> , 2016, 37, 1106-1113.	1.2	52
45	Diffusion-Weighted Imaging—Detected Ischemic Lesions following Endovascular Treatment of Cerebral Aneurysms: A Systematic Review and Meta-Analysis. <i>American Journal of Neuroradiology</i> , 2017, 38, 304-309.	1.2	52
46	Is Intravenous Administration of Iodixanol Associated with Increased Risk of Acute Kidney Injury, Dialysis, or Mortality? A Propensity Score—adjusted Study. <i>Radiology</i> , 2017, 285, 414-424.	3.6	50
47	Outcomes of vertebroplasty compared with kyphoplasty: a systematic review and meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 636-642.	2.0	49
48	Acute Adverse Events Following Gadolinium-based Contrast Agent Administration: A Single-Center Retrospective Study of 281 945 Injections. <i>Radiology</i> , 2019, 292, 620-627.	3.6	48
49	Outcomes of Stent Retriever versus Aspiration-First Thrombectomy in Ischemic Stroke: A Systematic Review and Meta-Analysis. <i>American Journal of Neuroradiology</i> , 2018, 39, 2070-2076.	1.2	47
50	Systematic review and meta-analysis of current rates of first pass effect by thrombectomy technique and associations with clinical outcomes. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 212-216.	2.0	47
51	Imaging Characteristics of Growing and Ruptured Vertebrobasilar Non-Saccular and Dolichoectatic Aneurysms. <i>Stroke</i> , 2016, 47, 106-112.	1.0	45
52	Platelet-rich clots as identified by Martius Scarlet Blue staining are isodense on NCCT. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 1145-1149.	2.0	45
53	Silent ischemic events after Pipeline embolization device: a prospective evaluation with MR diffusion-weighted imaging. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 1136-1139.	2.0	44
54	Dentate Update: Imaging Features of Entities That Affect the Dentate Nucleus. <i>American Journal of Neuroradiology</i> , 2017, 38, 1467-1474.	1.2	44

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55	Flow Diversion for Ophthalmic Artery Aneurysms. American Journal of Neuroradiology, 2016, 37, 1866-1869.	1.2	43
56	Per-pass analysis of acute ischemic stroke clots: impact of stroke etiology on extracted clot area and histological composition. Journal of NeuroInterventional Surgery, 2021, 13, 1111-1116.	2.0	43
57	Prevalence of Intracranial Aneurysms in Patients with Aortic Aneurysms. American Journal of Neuroradiology, 2016, 37, 1664-1668.	1.2	42
58	Periprocedural and mid-term technical and clinical events after flow diversion for intracranial aneurysms. Journal of NeuroInterventional Surgery, 2015, 7, 646-651.	2.0	41
59	Natural Language Processing for the Identification of Silent Brain Infarcts From Neuroimaging Reports. JMIR Medical Informatics, 2019, 7, e12109.	1.3	40
60	Morbidity and Mortality in Patients With Posterior Circulation Aneurysms Treated With the Pipeline Embolization Device: A Subgroup Analysis of the International Retrospective Study of the Pipeline Embolization Device. Neurosurgery, 2018, 83, 488-500.	0.6	37
61	Antiplatelet Management for Stent-Assisted Coiling and Flow Diversion of Ruptured Intracranial Aneurysms: A DELPHI Consensus Statement. American Journal of Neuroradiology, 2020, 41, 1856-1862.	1.2	37
62	Lumbar Imaging With Reporting Of Epidemiology (LIRE)â€”Protocol for a pragmatic cluster randomized trial. Contemporary Clinical Trials, 2015, 45, 157-163.	0.8	35
63	The effects of statin therapy on carotid plaque composition and volume: A systematic review and meta-analysis. Journal of Neuroradiology, 2017, 44, 234-240.	0.6	35
64	Hemodynamic differences between unstable and stable unruptured aneurysms independent of size and location: a pilot study. Journal of NeuroInterventional Surgery, 2017, 9, 376-380.	2.0	34
65	Platelet-rich emboli are associated with von Willebrand factor levels and have poorer revascularization outcomes. Journal of NeuroInterventional Surgery, 2020, 12, 557-562.	2.0	34
66	The Effect of Including Benchmark Prevalence Data of Common Imaging Findings in Spine Image Reports on Health Care Utilization Among Adults Undergoing Spine Imaging. JAMA Network Open, 2020, 3, e2015713.	2.8	33
67	Acute branch occlusion after Pipeline embolization of intracranial aneurysms. Journal of Clinical Neuroscience, 2014, 21, 668-672.	0.8	32
68	Identification of Hostile Hemodynamics and Geometries of Cerebral Aneurysms: A Case-Control Study. American Journal of Neuroradiology, 2018, 39, 1860-1866.	1.2	32
69	<i>In vivo</i> comparison of shape memory polymer foamâ€”coated and bare metal coils for aneurysm occlusion in the rabbit elastase model. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 2466-2475.	1.6	32
70	Endovascular coiling versus parent artery occlusion for treatment of cavernous carotid aneurysms: a meta-analysis. Journal of NeuroInterventional Surgery, 2015, 7, 250-255.	2.0	31
71	From bench to bedside: utility of the rabbit elastase aneurysm model in preclinical studies of intracranial aneurysm treatment. Journal of NeuroInterventional Surgery, 2016, 8, 521-525.	2.0	31
72	Sham surgical procedures for pain intervention result in significant improvements in pain: systematic review and meta-analysis. Journal of Clinical Epidemiology, 2017, 83, 18-23.	2.4	30

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73	Using Natural Language Processing of Free-Text Radiology Reports to Identify Type 1 Modic Endplate Changes. <i>Journal of Digital Imaging</i> , 2018, 31, 84-90.	1.6	29
74	Comparative Effectiveness of Carotid Revascularization Therapies. <i>Stroke</i> , 2014, 45, 3311-3319.	1.0	28
75	Corticosteroid-Induced Paraplegia—A Diagnostic Clue for Spinal Dural Arterial Venous Fistula. <i>JAMA Neurology</i> , 2015, 72, 833.	4.5	28
76	Safety and efficacy of endovascular treatment for intracranial infectious aneurysms: A systematic review and meta-analysis. <i>Journal of Neuroradiology</i> , 2016, 43, 309-316.	0.6	26
77	Nonaneurysmal Perimesencephalic Hemorrhage Is Associated with Deep Cerebral Venous Drainage Anomalies: A Systematic Literature Review and Meta-Analysis. <i>American Journal of Neuroradiology</i> , 2016, 37, 1657-1663.	1.2	26
78	Predictors and Outcomes of Postcontrast Acute Kidney Injury after Endovascular Renal Artery Intervention. <i>Journal of Vascular and Interventional Radiology</i> , 2017, 28, 1687-1692.	0.2	26
79	Assessment of the impact of EHR heterogeneity for clinical research through a case study of silent brain infarction. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 60.	1.5	26
80	Association of Silent Cerebrovascular Disease Identified Using Natural Language Processing and Future Ischemic Stroke. <i>Neurology</i> , 2021, 97, e1313-e1321.	1.5	25
81	Correlation of imaging and histopathology of thrombi in acute ischemic stroke with etiology and outcome. <i>Journal of Neurosurgical Sciences</i> , 2019, 63, 292-300.	0.3	25
82	Hemodynamic analysis of fast and slow aneurysm occlusions by flow diversion in rabbits. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 931-935.	2.0	24
83	Comparing magnetic resonance angiography (MRA) and computed tomography angiography (CTA) with conventional angiography in the detection of distal territory cerebral mycotic and oncotic aneurysms. <i>Interventional Neuroradiology</i> , 2016, 22, 524-528.	0.7	24
84	Association of h-index of Editorial Board Members and Impact Factor among Radiology Journals. <i>Academic Radiology</i> , 2017, 24, 119-123.	1.3	24
85	Postcontrast Acute Kidney Injury in Pediatric Patients: A Cohort Study. <i>American Journal of Kidney Diseases</i> , 2018, 72, 811-818.	2.1	24
86	Comparison of Balloon Guide Catheters and Standard Guide Catheters for Acute Ischemic Stroke: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2021, 154, 144-153.e21.	0.7	24
87	Prospective study on embolization of intracranial aneurysms with the pipeline device (PREMIER study): 3-year results with the application of a flow diverter specific occlusion classification. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 248-254.	2.0	24
88	Correlation between clot density and recanalization success or stroke etiology in acute ischemic stroke patients. <i>Interventional Neuroradiology</i> , 2017, 23, 274-278.	0.7	23
89	Factors associated with proximal femur fracture determined in a large cadaveric cohort. <i>Bone</i> , 2018, 116, 196-202.	1.4	21
90	Leukoaraiosis and collateral blood flow in stroke patients with anterior circulation large vessel occlusion. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 942-945.	2.0	21

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91	The use of hydrocoil for parent artery occlusion. American Journal of Neuroradiology, 2004, 25, 1409-10.	1.2	21
92	Association Between Vitamin D Deficiency and Outcomes Following Spinal Fusion Surgery: A Systematic Review. World Neurosurgery, 2016, 95, 71-76.	0.7	20
93	Interobserver variability of aneurysm morphology: discrimination of the daughter sac. Journal of NeuroInterventional Surgery, 2016, 8, 38-41.	2.0	20
94	Evaluation of the Angiographic Grading Scale in Aneurysms Treated with the WEB Device in 80 Rabbits: Correlation with Histologic Evaluation. American Journal of Neuroradiology, 2016, 37, 324-329.	1.2	20
95	The association between carotid intraplaque hemorrhage and outcomes of carotid stenting: a systematic review and meta-analysis. Journal of NeuroInterventional Surgery, 2017, 9, 837-842.	2.0	20
96	Angioarchitectures and Hemodynamic Characteristics of Posterior Communicating Artery Aneurysms and Their Association with Rupture Status. American Journal of Neuroradiology, 2017, 38, 2111-2118.	1.2	20
97	Interpretable Machine Learning Modeling for Ischemic Stroke Outcome Prediction. Frontiers in Neurology, 2022, 13, .	1.1	20
98	Clinical Utility of Vertebroplasty: Elevating the Evidence. Radiology, 2010, 255, 675-680.	3.6	19
99	Increased Prevalence of Cerebrovascular Disease in Hospitalized Patients with Marfan Syndrome. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 296-300.	0.7	19
100	Rabbit aneurysm models mimic histologic wall types identified in human intracranial aneurysms. Journal of NeuroInterventional Surgery, 2018, 10, 411-415.	2.0	19
101	Submaximal angioplasty in the treatment of patients with symptomatic ICAD: a systematic review and meta-analysis. Journal of NeuroInterventional Surgery, 2020, 12, 380-385.	2.0	19
102	Per-region interobserver agreement of Alberta Stroke Program Early CT Scores (ASPECTS). Journal of NeuroInterventional Surgery, 2020, 12, 1069-1071.	2.0	19
103	Clinical and Imaging Characteristics of Diffuse Intracranial Dolichoectasia. American Journal of Neuroradiology, 2017, 38, 915-922.	1.2	18
104	e-ASPECTS software improves interobserver agreement and accuracy of interpretation of aspects score. Interventional Neuroradiology, 2021, 27, 781-787.	0.7	18
105	Histological evaluation of acute ischemic stroke thrombi may indicate the occurrence of vessel wall injury during mechanical thrombectomy. Journal of NeuroInterventional Surgery, 2022, 14, 356-361.	2.0	18
106	Prevention of Allergic-like Reactions at Repeat CT: Steroid Pretreatment versus Contrast Material Substitution. Radiology, 2021, 301, 133-140.	3.6	18
107	Trends in CT Utilization for Pediatric Fall Patients in US Emergency Departments. Academic Radiology, 2015, 22, 898-903.	1.3	17
108	Equipose in Clinical Trials. Circulation Research, 2016, 119, 798-800.	2.0	17

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109	Is the Presence of a Solitary Kidney an Independent Risk Factor for Acute Kidney Injury after Contrast-enhanced CT?. <i>Radiology</i> , 2016, 278, 74-81.	3.6	17
110	Utility of single-energy and dual-energy computed tomography in clot characterization: An in-vitro study. <i>Interventional Neuroradiology</i> , 2017, 23, 279-284.	0.7	17
111	Memantine for the treatment of ischemic stroke: experimental benefits and clinical lack of studies. <i>Reviews in the Neurosciences</i> , 2019, 30, 203-220.	1.4	17
112	Large Artery Atherosclerotic Clots are Larger than Clots of other Stroke Etiologies and have Poorer Recanalization rates. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105463.	0.7	17
113	Diverse thrombus composition in thrombectomy stroke patients with longer time to recanalization. <i>Thrombosis Research</i> , 2022, 209, 99-104.	0.8	17
114	Neurologic Effects of Gadolinium Retention in the Brain after Gadolinium-based Contrast Agent Administration. <i>Radiology</i> , 2022, 302, 676-683.	3.6	17
115	Evaluation of Enterprise Stent-Assisted Coiling and Telescoping Stent Technique as Treatment of Supraclinoid Blister Aneurysms of the Internal Carotid Artery. <i>World Neurosurgery</i> , 2018, 110, e890-e896.	0.7	16
116	Nephrotoxicity of gadolinium-based contrast in the setting of renal artery intervention: retrospective analysis with 10-year follow-up. <i>Diagnostic and Interventional Radiology</i> , 2018, 24, 378-384.	0.7	16
117	Novel Human Acute Ischemic Stroke Blood Clot Analogs for In Vitro Thrombectomy Testing. <i>American Journal of Neuroradiology</i> , 2021, 42, 1250-1257.	1.2	16
118	Radial artery diameter: a comprehensive systematic review of anatomy. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1274-1278.	2.0	16
119	Nationwide Price Variability for an Elective, Outpatient Imaging Procedure. <i>Journal of the American College of Radiology</i> , 2015, 12, 444-452.	0.9	15
120	Carotid revascularization treatment is shifting to low volume centers. <i>Journal of NeuroInterventional Surgery</i> , 2015, 7, 336-340.	2.0	15
121	Effect of CREST Findings on Carotid Revascularization Practice in the United States. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 1390-1396.	0.7	15
122	Preclinical Testing of a Novel Thin Film Nitinol Flow-Diversion Stent in a Rabbit Elastase Aneurysm Model. <i>American Journal of Neuroradiology</i> , 2016, 37, 497-501.	1.2	15
123	Cerebral aneurysm blood flow simulations are sensitive to basic solver settings. <i>Journal of Biomechanics</i> , 2017, 57, 46-53.	0.9	15
124	Gender and Radiology Publication Productivity: An Examination of Academic Faculty From Four Health Systems in the United States. <i>Journal of the American College of Radiology</i> , 2017, 14, 1100-1108.	0.9	15
125	Institutional and provider variations for mechanical thrombectomy in the treatment of acute ischemic stroke: a survey analysis. <i>Journal of NeuroInterventional Surgery</i> , 2019, 11, 884-890.	2.0	15
126	High-resolution scanning electron microscopy for the analysis of three-dimensional ultrastructure of clots in acute ischemic stroke. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 906-911.	2.0	15

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127	Randomized Vertebroplasty Trials: Current Status and Challenges. <i>Academic Radiology</i> , 2006, 13, 546-549.	1.3	14
128	Considerations for Antiplatelet Management of Carotid Stenting in the Setting of Mechanical Thrombectomy: A Delphi Consensus Statement. <i>American Journal of Neuroradiology</i> , 2020, 41, 2274-2279.	1.2	14
129	Experimental testing of the dual-layer Woven EndoBridge device using an elastase-induced aneurysm model in rabbits. <i>Interventional Neuroradiology</i> , 2016, 22, 299-303.	0.7	13
130	Spinal augmentation research: FREE at last?. <i>Lancet, The</i> , 2009, 373, 982-984.	6.3	12
131	Safety of Uninterrupted Warfarin Therapy in Patients Undergoing Cardiovascular Endovascular Procedures: A Systematic Review and Meta-Analysis. <i>Radiology</i> , 2016, 278, 383-394.	3.6	12
132	Item response theory analysis to evaluate reliability and minimal clinically important change of the Roland-Morris Disability Questionnaire in patients with severe disability due to back pain from vertebral compression fractures. <i>Spine Journal</i> , 2017, 17, 821-829.	0.6	12
133	Lack of Association between Statin Use and Angiographic and Clinical Outcomes after Pipeline Embolization for Intracranial Aneurysms. <i>American Journal of Neuroradiology</i> , 2017, 38, 753-758.	1.2	12
134	Characterization of thrombus composition with multimodality CT-based imaging: an in-vitro study. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 738-740.	2.0	12
135	Characterization of the "White" Appearing Clots that Cause Acute Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 106127.	0.7	12
136	Development of a statistical model for discrimination of rupture status in posterior communicating artery aneurysms. <i>Acta Neurochirurgica</i> , 2018, 160, 1643-1652.	0.9	12
137	Differential Interstrain Susceptibility to Vertebrobasilar Dolichoectasia in a Mouse Model. <i>American Journal of Neuroradiology</i> , 2017, 38, 611-616.	1.2	11
138	Selective brain hypothermia: feasibility and safety study of a novel method in five patients. <i>Perfusion (United Kingdom)</i> , 2020, 35, 96-103.	0.5	11
139	Location-Specific ASPECTS Paradigm in Acute Ischemic Stroke: A Systematic Review and Meta-Analysis. <i>American Journal of Neuroradiology</i> , 2020, 41, 2020-2026.	1.2	11
140	A DELPHI consensus statement on antiplatelet management for intracranial stenting due to underlying atherosclerosis in the setting of mechanical thrombectomy. <i>Neuroradiology</i> , 2021, 63, 627-632.	1.1	11
141	Radiology-Pathology Correlations of Intracranial Clots: Current Theories, Clinical Applications, and Future Directions. <i>American Journal of Neuroradiology</i> , 2021, 42, 1558-1565.	1.2	11
142	Quantification of clot spatial heterogeneity and its impact on thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 1248-1252.	2.0	11
143	GEL THE NEC: a prospective registry evaluating the safety, ease of use, and efficacy of the HydroSoft coil as a finishing device. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 83-87.	2.0	10
144	Iatrogenic Foreign Materials Associated with Retrieved Clot Tissue via Mechanical Thrombectomy. <i>American Journal of Neuroradiology</i> , 2021, 42, 1239-1249.	1.2	10

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145	Agreement between neuroimages and reports for natural language processing-based detection of silent brain infarcts and white matter disease. <i>BMC Neurology</i> , 2021, 21, 189.	0.8	10
146	Increasing Neuroradiology Exam Volumes On-Call Do Not Result in Increased Major Discrepancies in Primary Reads Performed by Residents. <i>Open Neuroimaging Journal</i> , 2014, 8, 11-15.	0.2	10
147	Arterial Collapse during Thrombectomy for Stroke: Clinical Evidence and Experimental Findings in Human Brains and In Vivo Models. <i>American Journal of Neuroradiology</i> , 2022, 43, 251-257.	1.2	10
148	Periprocedural safety of Pipeline therapy for unruptured cerebral aneurysms: Analysis of 279 Patients in a multihospital database. <i>Interventional Neuroradiology</i> , 2015, 21, 6-10.	0.7	9
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