

Willem Jan van Rooij

List of Publications by Year in descending order

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127
papers

6,824
citations

41339

49
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64791

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all docs

127
docs citations

127
times ranked

4559
citing authors

#	ARTICLE	IF	CITATIONS
1	Coiling of Intracranial Aneurysms. <i>Stroke</i> , 2009, 40, e523-9.	2.0	370
2	Relation between Aneurysm Volume, Packing, and Compaction in 145 Cerebral Aneurysms Treated with Coils. <i>Radiology</i> , 2004, 231, 653-658.	7.3	359
3	3D Rotational Angiography: The New Gold Standard in the Detection of Additional Intracranial Aneurysms. <i>American Journal of Neuroradiology</i> , 2008, 29, 976-979.	2.4	236
4	Balloon-assisted coil embolization of intracranial aneurysms: incidence, complications, and angiography results. <i>Journal of Neurosurgery</i> , 2006, 105, 396-399.	1.6	188
5	Endovascular Treatment of Ruptured Intracranial Aneurysms with Detachable Coils: Long-term Clinical and Serial Angiographic Results. <i>Radiology</i> , 2003, 227, 720-724.	7.3	182
6	Rupture of intracranial aneurysms during treatment with Guglielmi detachable coils: incidence, outcome, and risk factors. <i>Journal of Neurosurgery</i> , 2001, 94, 238-240.	1.6	179
7	Coiling of very large or giant cerebral aneurysms: long-term clinical and serial angiographic results. <i>American Journal of Neuroradiology</i> , 2003, 24, 257-62.	2.4	173
8	Type of Anesthesia and Differences in Clinical Outcome After Intra-Arterial Treatment for Ischemic Stroke. <i>Stroke</i> , 2015, 46, 1257-1262.	2.0	148
9	Coiling of Very Large and Giant Basilar Tip Aneurysms: Midterm Clinical and Angiographic Results. <i>American Journal of Neuroradiology</i> , 2007, 28, 1405-1408.	2.4	146
10	Percutaneous Vertebroplasty and Pulmonary Cement Embolism: Results from VERTOS II. <i>American Journal of Neuroradiology</i> , 2010, 31, 1451-1453.	2.4	130
11	Curative Embolization of Brain Arteriovenous Malformations with Onyx: Patient Selection, Embolization Technique, and Results. <i>American Journal of Neuroradiology</i> , 2012, 33, 1299-1304.	2.4	130
12	Clinical and Angiographic Results of Coiling of 196 Very Small (â‰¤ 3 mm) Intracranial Aneurysms. <i>American Journal of Neuroradiology</i> , 2009, 30, 835-839.	2.4	119
13	Percutaneous Vertebroplasty Is Not a Risk Factor for New Osteoporotic Compression Fractures: Results from VERTOS II. <i>American Journal of Neuroradiology</i> , 2010, 31, 1447-1450.	2.4	118
14	Diagnostic Accuracy of CT Angiography with Matched Mask Bone Elimination for Detection of Intracranial Aneurysms: Comparison with Digital Subtraction Angiography and 3D Rotational Angiography. <i>American Journal of Neuroradiology</i> , 2008, 29, 134-139.	2.4	114
15	Posterior Inferior Cerebellar Artery Aneurysms: Incidence, Clinical Presentation, and Outcome of Endovascular Treatment. <i>American Journal of Neuroradiology</i> , 2008, 29, 86-90.	2.4	113
16	Endovascular Treatment of Large and Giant Aneurysms. <i>American Journal of Neuroradiology</i> , 2009, 30, 12-18.	2.4	110
17	Complications of Particle Embolization of Meningiomas: Frequency, Risk Factors, and Outcome: Fig 1.. <i>American Journal of Neuroradiology</i> , 2010, 31, 152-154.	2.4	108
18	Perforator Infarction after Placement of a Pipeline Flow-Diverting Stent for an Unruptured A1 Aneurysm: Fig 1.. <i>American Journal of Neuroradiology</i> , 2010, 31, E43-E44.	2.4	106

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19	Stent-Assisted Coil Embolization of Intracranial Aneurysms: Complications in Acutely Ruptured versus Unruptured Aneurysms. American Journal of Neuroradiology, 2016, 37, 502-507.	2.4	106
20	Late rebleeding of ruptured intracranial aneurysms treated with detachable coils. American Journal of Neuroradiology, 2005, 26, 2542-9.	2.4	93
21	Endovascular Treatment of Symptomatic Intradural Vertebral Dissecting Aneurysms. American Journal of Neuroradiology, 2008, 29, 102-106.	2.4	92
22	Predictive value of angiographic testing for tolerance to therapeutic occlusion of the carotid artery. American Journal of Neuroradiology, 2005, 26, 175-8.	2.4	92
23	Frequency and Outcome of Pulmonary Polymethylmethacrylate Embolism during Percutaneous Vertebroplasty. American Journal of Neuroradiology, 2008, 29, 1983-1985.	2.4	89
24	Early rebleeding after coiling of ruptured cerebral aneurysms: incidence, morbidity, and risk factors. American Journal of Neuroradiology, 2005, 26, 1739-43.	2.4	86
25	Additional coiling of previously coiled cerebral aneurysms: clinical and angiographic results. American Journal of Neuroradiology, 2004, 25, 1373-6.	2.4	83
26	Distal Aneurysms of Cerebellar Arteries: Incidence, Clinical Presentation, and Outcome of Endovascular Parent Vessel Occlusion. American Journal of Neuroradiology, 2007, 28, 1573-1578.	2.4	81
27	The relation between packing and reopening in coiled intracranial aneurysms: a prospective study. Neuroradiology, 2005, 47, 942-945.	2.2	80
28	Embolization of spinal dural arteriovenous fistulas: importance of occlusion of the draining vein. Journal of Neurosurgery: Spine, 2005, 2, 580-583.	1.7	77
29	A New Self-Expandable Nitinol Stent for the Treatment of Wide-Neck Aneurysms: Initial Clinical Experience. American Journal of Neuroradiology, 2008, 29, 1405-1408.	2.4	77
30	Late Reopening of Adequately Coiled Intracranial Aneurysms. Stroke, 2011, 42, 1331-1337.	2.0	77
31	Unruptured Large and Giant Carotid Artery Aneurysms Presenting with Cranial Nerve Palsy: Comparison of Clinical Recovery after Selective Aneurysm Coiling and Therapeutic Carotid Artery Occlusion. American Journal of Neuroradiology, 2008, 29, 997-1002.	2.4	74
32	Natural History of Pain in Patients with Conservatively Treated Osteoporotic Vertebral Compression Fractures: Results from VERTOS II. American Journal of Neuroradiology, 2012, 33, 519-521.	2.4	72
33	Reconstructive Endovascular Treatment of Fusiform and Dissecting Basilar Trunk Aneurysms with Flow Diverters, Stents, and Coils. American Journal of Neuroradiology, 2013, 34, 589-595.	2.4	70
34	Fenestrations of Intracranial Arteries Detected with 3D Rotational Angiography. American Journal of Neuroradiology, 2009, 30, 1347-1350.	2.4	69
35	Partially Thrombosed Intracranial Aneurysms Presenting with Mass Effect: Long-Term Clinical and Imaging Follow-Up after Endovascular Treatment. American Journal of Neuroradiology, 2010, 31, 1197-1205.	2.4	68
36	Aneurysms of the Vertebrobasilar Junction: Incidence, Clinical Presentation, and Outcome of Endovascular Treatment. American Journal of Neuroradiology, 2007, 28, 1747-1751.	2.4	67

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37	Long-Term Recurrent Subarachnoid Hemorrhage After Adequate Coiling Versus Clipping of Ruptured Intracranial Aneurysms. <i>Stroke</i> , 2009, 40, 1758-1763.	2.0	67
38	WEB Treatment of Ruptured Intracranial Aneurysms: A Single-Center Cohort of 100 Patients. <i>American Journal of Neuroradiology</i> , 2017, 38, 2282-2287.	2.4	66
39	Uterine Artery Embolization in Patients with a Large Fibroid Burden: Long-Term Clinical and MR Follow-up. <i>CardioVascular and Interventional Radiology</i> , 2010, 33, 943-948.	2.0	65
40	Recovery of Posterior Communicating Artery Aneurysm-Induced Oculomotor Palsy after Coiling. <i>American Journal of Neuroradiology</i> , 2008, 29, 988-990.	2.4	64
41	Additional Value of 3D Rotational Angiography in Angiographically Negative Aneurysmal Subarachnoid Hemorrhage: How Negative Is Negative?. <i>American Journal of Neuroradiology</i> , 2008, 29, 962-966.	2.4	64
42	MR Angiography Follow-Up 5 Years after Coiling: Frequency of New Aneurysms and Enlargement of Untreated Aneurysms. <i>American Journal of Neuroradiology</i> , 2009, 30, 303-307.	2.4	63
43	Permeable Thrombi Are Associated With Higher Intravenous Recombinant Tissue-Type Plasminogen Activator Treatment Success in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2016, 47, 2058-2065.	2.0	61
44	The Prognostic Value of CT Angiography and CT Perfusion in Acute Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2015, 40, 258-269.	1.7	60
45	Intracranial aneurysms that repeatedly reopen over time after coiling: imaging characteristics and treatment outcome. <i>Neuroradiology</i> , 2007, 49, 343-349.	2.2	57
46	Superior cerebellar artery aneurysms: incidence, clinical presentation and midterm outcome of endovascular treatment. <i>Neuroradiology</i> , 2007, 49, 747-751.	2.2	57
47	Endovascular Treatment of Cavernous Sinus Aneurysms. <i>American Journal of Neuroradiology</i> , 2012, 33, 323-326.	2.4	57
48	Long-Term Follow-up of Uterine Artery Embolization for Symptomatic Adenomyosis. <i>CardioVascular and Interventional Radiology</i> , 2012, 35, 815-819.	2.0	55
49	Curative Embolization with Onyx of Dural Arteriovenous Fistulas with Cortical Venous Drainage. <i>American Journal of Neuroradiology</i> , 2010, 31, 1516-1520.	2.4	53
50	A systematic review and meta-analysis of Woven EndoBridge single layer for treatment of intracranial aneurysms. <i>Interventional Neuroradiology</i> , 2020, 26, 455-460.	1.1	53
51	Fenestrations of the Anterior Communicating Artery: Incidence on 3D Angiography and Relationship to Aneurysms. <i>American Journal of Neuroradiology</i> , 2008, 29, 296-298.	2.4	52
52	Stability of Intracranial Aneurysms Adequately Occluded 6 Months after Coiling: A 3T MR Angiography Multicenter Long-Term Follow-Up Study. <i>American Journal of Neuroradiology</i> , 2008, 29, 1768-1774.	2.4	52
53	Coil thickness and packing of cerebral aneurysms: a comparative study of two types of coils. <i>American Journal of Neuroradiology</i> , 2005, 26, 901-3.	2.4	49
54	Safety and Effectiveness of Uterine Artery Embolization in Patients with Pedunculated Fibroids. <i>Journal of Vascular and Interventional Radiology</i> , 2009, 20, 1172-1175.	0.5	47

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55	High-flow bypass using the nonocclusive excimer laser-assisted end-to-side anastomosis of the external carotid artery to the P1 segment of the posterior cerebral artery via the sylvian route. <i>Journal of Neurosurgery</i> , 1998, 88, 925-927.	1.6	45
56	Opinion: Imaging Follow-Up after Coiling of Intracranial Aneurysms: Fig 1.. <i>American Journal of Neuroradiology</i> , 2009, 30, 1646-1648.	2.4	45
57	Endovascular Treatment of Ruptured Brain AVMs in the Acute Phase of Hemorrhage. <i>American Journal of Neuroradiology</i> , 2012, 33, 1162-1166.	2.4	44
58	Emergency stenting to control massive bleeding of injured iliac artery following lumbar disk surgery. <i>Neuroradiology</i> , 2004, 46, 404-406.	2.2	43
59	Risk factors for atherosclerotic and medial arterial calcification of the intracranial internal carotid artery. <i>Atherosclerosis</i> , 2018, 276, 44-49.	0.8	43
60	Recurrent transient quadriplegia after minor cervical trauma associated with bilateral partial agenesis of the posterior arch of the atlas. <i>Journal of Neurosurgery</i> , 1996, 84, 663-665.	1.6	42
61	WEB Treatment of Ruptured Intracranial Aneurysms. <i>American Journal of Neuroradiology</i> , 2016, 37, 1679-1683.	2.4	42
62	The New Low-Profile WEB 17 System for Treatment of Intracranial Aneurysms: First Clinical Experiences. <i>American Journal of Neuroradiology</i> , 2018, 39, 859-863.	2.4	42
63	Evaluation of the Occlusion Status of Coiled Intracranial Aneurysms with MR Angiography at 3T: Is Contrast Enhancement Necessary?. <i>American Journal of Neuroradiology</i> , 2009, 30, 1665-1671.	2.4	39
64	Fenestrations of Intracranial Arteries. <i>American Journal of Neuroradiology</i> , 2015, 36, 1167-1170.	2.4	38
65	Coiling of Ruptured Pericallosal Artery Aneurysms. <i>Neurosurgery</i> , 2002, 50, 11-15.	1.1	37
66	Postprocedural CT for perivertebral cement leakage in percutaneous vertebroplasty is not necessary—results from VERTOS II. <i>Neuroradiology</i> , 2011, 53, 19-22.	2.2	37
67	Embolization of Meningiomas: Comparison of Safety between Calibrated Microspheres and Polyvinyl-Alcohol Particles as Embolic Agents. <i>American Journal of Neuroradiology</i> , 2013, 34, 727-729.	2.4	37
68	The Woven EndoBridge (WEB) as primary treatment for unruptured intracranial aneurysms. <i>Interventional Neuroradiology</i> , 2018, 24, 475-481.	1.1	37
69	Uterine Artery Embolisation for Symptomatic Adenomyosis with Polyzone F-Coated Hydrogel Microspheres: Three-Year Clinical Follow-Up Using UFS-QoL Questionnaire. <i>CardioVascular and Interventional Radiology</i> , 2015, 38, 65-71.	2.0	36
70	CT angiography versus 3D rotational angiography in patients with subarachnoid hemorrhage. <i>Neuroradiology</i> , 2015, 57, 1239-1246.	2.2	32
71	Tentorial artery embolization in tentorial dural arteriovenous fistulas. <i>Neuroradiology</i> , 2006, 48, 737-743.	2.2	31
72	Internal carotid bifurcation aneurysms: frequency, angiographic anatomy and results of coiling in 50 aneurysms. <i>Neuroradiology</i> , 2008, 50, 583-587.	2.2	30

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73	Endovascular Treatment of Giant Serpentine Aneurysms: Fig 1.. American Journal of Neuroradiology, 2008, 29, 1418-1419.	2.4	28
74	MIDTERM CLINICAL AND MAGNETIC RESONANCE IMAGING FOLLOW-UP OF LARGE AND GIANT CAROTID ARTERY ANEURYSMS AFTER THERAPEUTIC CAROTID ARTERY OCCLUSION. Neurosurgery, 2007, 60, 1025-1031.	1.1	26
75	Cerebral Perfusion Long Term after Therapeutic Occlusion of the Internal Carotid Artery in Patients Who Tolerated Angiographic Balloon Test Occlusion. American Journal of Neuroradiology, 2012, 33, 329-335.	2.4	26
76	Volume measurement of intracranial aneurysms from 3D rotational angiography: improvement of accuracy by gradient edge detection. American Journal of Neuroradiology, 2005, 26, 2569-72.	2.4	26
77	Therapeutic Internal Carotid Artery Occlusion for Large and Giant Aneurysms: A Single Center Cohort of 146 Patients. American Journal of Neuroradiology, 2016, 37, 125-129.	2.4	25
78	Embolization of Uterine Leiomyomas with Polyzone Fâ€œcoated Hydrogel Microspheres: Initial Experience. Journal of Vascular and Interventional Radiology, 2010, 21, 1830-1834.	0.5	24
79	Migraine With Aura After Intracranial Endovascular Procedures. Headache, 2001, 41, 410-413.	3.9	23
80	Results of 101 Aneurysms Treated with Polyglycolic/Polylactic Acid Microfilament Nexus Coils Compared with Historical Controls Treated with Standard Coils. American Journal of Neuroradiology, 2008, 29, 991-996.	2.4	22
81	CT angiography and CT perfusion improve prediction of infarct volume in patients with anterior circulation stroke. Neuroradiology, 2016, 58, 327-337.	2.2	22
82	Pain course in conservatively treated patients with back pain and a VCF on the spine radiograph (VERTOS III). Skeletal Radiology, 2014, 43, 13-18.	2.0	21
83	Packing Performance of Helical Guglielmi Detachable Coil (GDC) 18 in Intracranial Aneurysms: A Comparison with Helical GDC 10 Coils and Complex Trufill/Orbit Coils. American Journal of Neuroradiology, 2007, 28, 1384-1387.	2.4	20
84	Late Adverse Events in Coiled Ruptured Aneurysms with Incomplete Occlusion at 6-Month Angiographic Follow-Up. American Journal of Neuroradiology, 2010, 31, 464-469.	2.4	19
85	Flow Diverters for Unruptured Internal Carotid Artery Aneurysms: Dangerous and Not Yet an Alternative for Conventional Endovascular Techniques. American Journal of Neuroradiology, 2013, 34, 3-4.	2.4	18
86	Clinical and Imaging Follow-Up of Patients with Coiled Basilar Tip Aneurysms Up to 20 Years. American Journal of Neuroradiology, 2015, 36, 2108-2113.	2.4	18
87	Endovascular Treatment of Traumatic Pericallosal Artery Aneurysms. Interventional Neuroradiology, 2013, 19, 56-59.	1.1	17
88	Endovascular occlusion of high-flow intracranial arteriovenous shunts: technical note. Neuroradiology, 2007, 49, 1029-1031.	2.2	16
89	Iatrogenic lumbar pseudoaneurysm causing dural sac compression after spine surgery. Journal of Neurosurgery: Spine, 2009, 10, 585-586.	1.7	16
90	Questionable interpretation of results of ACTIVE study on Matrix coils by Boston Scientific. American Journal of Neuroradiology, 2005, 26, 1882-3.	2.4	16

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91	Percutaneous Vertebroplasty and Procedural Pain: Fig 1.. American Journal of Neuroradiology, 2010, 31, 830-831.	2.4	15
92	Tentorial Dural Arteriovenous Fistulas: A Single-Center Cohort of 12 Patients. Journal of Cerebrovascular and Endovascular Neurosurgery, 2017, 19, 284.	0.5	15
93	Is an Intrauterine Device a Contraindication for Uterine Artery Embolization? A Study of 20 Patients. Journal of Vascular and Interventional Radiology, 2010, 21, 272-274.	0.5	14
94	Spinal Dural Fistulas without Swelling and Edema of the Cord as Incidental Findings. American Journal of Neuroradiology, 2012, 33, 1888-1892.	2.4	14
95	How long does it take to coil an intracranial aneurysm?. Neuroradiology, 2008, 50, 53-56.	2.2	13
96	The Woven EndoBridge (WEB) for recurrent aneurysms: Clinical and imaging results. Interventional Neuroradiology, 2019, 25, 21-26.	1.1	13
97	Is the Risk of Balloon Assistance Underinflated?. American Journal of Neuroradiology, 2008, 29, 1782-1782.	2.4	10
98	Endovascular Treatment of a Ruptured Flow Aneurysm of the Heubner Artery as Part of a Moyamoya Collateral Network in a Young Patient with an Occluded Middle Cerebral Artery. Interventional Neuroradiology, 2014, 20, 791-795.	1.1	10
99	Endovascular Treatment of Intracranial Aneurysms in the Flow Diverter Era: Frequency of Use and Results in a Consecutive Series of 550 Treatments in a Single Centre. Interventional Neuroradiology, 2014, 20, 428-435.	1.1	9
100	Residual High-Grade Stenosis After Recanalization of Extracranial Carotid Occlusion in Acute Ischemic Stroke. Stroke, 2015, 46, 12-15.	2.0	9
101	p64 flow diverter: Results in 108 patients from a single center. Interventional Neuroradiology, 2021, 27, 51-59.	1.1	8
102	Image guidance for neurovascular intervention: proposed setup for a 3D roadmap system. Minimally Invasive Therapy and Allied Technologies, 2003, 12, 304-309.	1.2	7
103	Unruptured Carotid Artery Aneurysms Presenting with Symptoms of Mass Effect: Outcome after Selective Coiling, Parent Vessel Occlusion, and Flow Diversion. American Journal of Neuroradiology, 2013, 34, 940-941.	2.4	7
104	Treatment of cranial dural arteriovenous fistulas with exclusive cortical venous drainage: A single-center cohort of 35 patients. Interventional Neuroradiology, 2017, 23, 661-665.	1.1	6
105	Mid-term 3T MRA follow-up of intracranial aneurysms treated with the Woven EndoBridge. Interventional Neuroradiology, 2018, 24, 601-607.	1.1	6
106	Flow diverters for unruptured aneurysms: are they safe enough?. Neuroradiology, 2012, 54, 1179-1180.	2.2	5
107	The Donut Sign: A New Angiographic Sign for Partially Thrombosed Aneurysms with Flow-Induced Intraluminal Thrombus. Interventional Neuroradiology, 2014, 20, 55-59.	1.1	5
108	Selective Embolisation of a Heavily Bleeding Cervical Fibroid in a Pregnant Woman. CardioVascular and Interventional Radiology, 2015, 38, 1649-1653.	2.0	5

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109	Yield of Repeat 3D Angiography in Patients with Aneurysmal-Type Subarachnoid Hemorrhage. American Journal of Neuroradiology, 2016, 37, 2299-2303.	2.4	5
110	Therapeutic internal carotid or vertebral artery occlusion using the WEB device. Interventional Neuroradiology, 2016, 22, 365-367.	1.1	5
111	The Woven EndoBridge Finally Coming Home across the Atlantic: What to Expect?. American Journal of Neuroradiology, 2018, 39, 1964-1966.	2.4	5
112	The p48 flow diverter: First clinical results in 25 aneurysms in three centers. Interventional Neuroradiology, 2021, 27, 339-345.	1.1	5
113	The Woven EndoBridge for unruptured intracranial aneurysms: Results in 95 aneurysms from a single center. Interventional Neuroradiology, 2021, 27, 594-601.	1.1	5
114	Intracranial Aneurysms: Packing, Complex Coils, and Recurrence. Radiology, 2008, 246, 988-989.	7.3	4
115	Rupture of a giant carotid-ophthalmic aneurysm. Lancet, The, 2011, 378, 56.	13.7	4
116	Spinal dural arteriovenous fistulas with primary epidural shunting. European Journal of Radiology Extra, 2007, 62, 39-41.	0.1	2
117	Endovascular treatment of dural arteriovenous fistulas with sinus drainage: Do we really need to protect the sinus?. Interventional Neuroradiology, 2019, 25, 315-321.	1.1	2
118	Registry on Matrix coils: bias in inclusion, exclusion, and publication. American Journal of Neuroradiology, 2007, 28, 398-9; author reply 399-400.	2.4	2
119	Rapidly growing traumatic cerebral aneurysm with early subarachnoid hemorrhage. Neurology, 2008, 70, 490-490.	1.1	1
120	Dangerous Sophistication?. Journal of Neurosurgery, 2008, 108, 633-634.	1.6	1
121	Reply:. American Journal of Neuroradiology, 2009, 30, E132-E132.	2.4	1
122	Contrast Agent Induced Obliteration of a Spinal Arteriovenous Malformation. American Journal of Neuroradiology, 2012, 33, E1-E3.	2.4	1
123	A young woman with a first-time seizure and a huge intracranial vascular structure. Lancet, The, 2013, 381, 1223.	13.7	1
124	Letter to the Editor: Diagnostic strategy in patients with subarachnoid hemorrhage. Journal of Neurosurgery, 2015, 123, 290-291.	1.6	1
125	Current Hospital Demographics of Subarachnoid Hemorrhage Based on CT Angiography and 3D Rotational Angiography in a Neurosurgical Center. American Journal of Neuroradiology, 2019, 40, 1013-1017.	2.4	1
126	Interventional Neuroradiology on Call: The Need for Emergency Coiling of Ruptured Intracranial Aneurysms. American Journal of Neuroradiology, 2014, 35, E7-E8.	2.4	0

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127	Reply:. American Journal of Neuroradiology, 2016, 37, E40-E40.	2.4	0