

# Alexander M Norbash

## List of Publications by Year in descending order

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132  
papers

4,481  
citations

76326

40  
h-index

118850

62  
g-index

134  
all docs

134  
docs citations

134  
times ranked

4923  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Phase II, Double-Blind, Randomized, Placebo-Controlled Clinical Trial of tgAAVCF Using Maxillary Sinus Delivery in Patients with Cystic Fibrosis with Anrostomies. Human Gene Therapy, 2002, 13, 1349-1359.	2.7	239
2	Balloon Guide Catheter Improves Revascularization and Clinical Outcomes With the Solitaire Device. Stroke, 2014, 45, 141-145.	2.0	218
3	Outcome of Angioplasty for Atherosclerotic Intracranial Stenosis. Stroke, 1999, 30, 1065-1069.	2.0	198
4	Safety and Biological Efficacy of an Adeno-Associated Virus Vector-Cystic Fibrosis Transmembrane Regulator (AAV-CFTR) in the Cystic Fibrosis Maxillary Sinus. Laryngoscope, 1999, 109, 266-274.	2.0	193
5	Mechanical Thrombolysis in Acute Ischemic Stroke With Endovascular Photoacoustic Recanalization. Stroke, 2004, 35, 1112-1116.	2.0	146
6	Safety and efficacy of a novel polyethylene glycol hydrogel sealant for watertight dural repair. Journal of Neurosurgery, 2007, 106, 52-58.	1.6	136
7	Imaging Evidence and Recommendations for Traumatic Brain Injury: Conventional Neuroimaging Techniques. Journal of the American College of Radiology, 2015, 12, e1-e14.	1.8	125
8	Occupational Health Hazards in the Interventional Laboratory: Time for a Safer Environment. Radiology, 2009, 250, 538-544.	7.3	119
9	Occupational health hazards in the interventional laboratory: Time for a safer environment. Catheterization and Cardiovascular Interventions, 2009, 73, 432-438.	1.7	105
10	The Safety of Dedicated-Team Catheter-Based Diagnostic Cerebral Angiography in the Era of Advanced Noninvasive Imaging. American Journal of Neuroradiology, 2010, 31, 230-234.	2.4	99
11	Advantages of Adding Diffusion-Weighted Magnetic Resonance Imaging to Conventional Magnetic Resonance Imaging for Evaluating Acute Stroke. Archives of Neurology, 2000, 57, 1311-6.	4.5	91
12	Vertebral artery stenting following percutaneous transluminal angioplasty. Journal of Neurosurgery, 1996, 84, 883-887.	1.6	88
13	Cerebral Collateral Circulation in Carotid Artery Disease. Current Cardiology Reviews, 2009, 5, 279-288.	1.5	88
14	Embolization of Basal Ganglia and Thalamic Arteriovenous Malformations. Neurosurgery, 1999, 44, 991-996.	1.1	85
15	Interventional Musculoskeletal Procedures Performed by Using MR Imaging Guidance with a Vertically Open MR Unit: Assessment of Techniques and Applicability. Radiology, 2002, 223, 127-136.	7.3	84
16	Management Outcomes for Ruptured and Unruptured Aneurysms in the Elderly. Neurosurgery, 2000, 47, 827-833.	1.1	78
17	Influences for Gender Disparity in Academic Neuroradiology. American Journal of Neuroradiology, 2018, 39, 18-23.	2.4	77
18	Clinical benefits of rotational 3D angiography in endovascular treatment of ruptured cerebral aneurysm. American Journal of Neuroradiology, 2002, 23, 686-8.	2.4	77

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19	Embolization of Rolandic Cortex Arteriovenous Malformations. Neurosurgery, 1999, 44, 479-484.	1.1	66
20	Occupational Health Hazards in the Interventional Laboratory: Time for a Safer Environment. Journal of Vascular and Interventional Radiology, 2009, 20, 147-152.	0.5	65
21	Diffusion-Weighted MRI in Transient Global Amnesia Precipitated by Cerebral Angiography. Stroke, 1997, 28, 2311-2314.	2.0	65
22	Characterization of Postoperative Edema Following Laser-Assisted Uvulopalatoplasty Using MRI and Polysomnography. Laryngoscope, 1996, 106, 124-128.	2.0	64
23	Acute studies of a new primate model of reversible middle cerebral artery occlusion. Journal of Stroke and Cerebrovascular Diseases, 2005, 14, 80-87.	1.6	60
24	Door-to-Puncture: A Practical Metric for Capturing and Enhancing System Processes Associated With Endovascular Stroke Care, Preliminary Results From the Rapid Reperfusion Registry. Journal of the American Heart Association, 2014, 3, e000859.	3.7	60
25	Virtual Endoscopy of the Paranasal Sinuses Using Perspective Volume Rendered Helical Sinus Computed Tomography. Laryngoscope, 1997, 107, 25-29.	2.0	59
26	Multidetector CT of the Paranasal Sinus: Potential for Radiation Dose Reduction <sup>1</sup> . Radiology, 2007, 243, 847-852.	7.3	55
27	Klippel-Trenaunay Syndrome and Spinal Arteriovenous Malformations: An Erroneous Association. American Journal of Neuroradiology, 2010, 31, 1608-1612.	2.4	55
28	Balloon Angioplasty for Intracranial Atherosclerotic Disease. Stroke, 2011, 42, 107-111.	2.0	55
29	Trigeminal Neuralgia Resulting from Infarction of the Root Entry Zone of the Trigeminal Nerve: Case Report. Neurosurgery, 1998, 43, 620-623.	1.1	54
30	Occupational Health Hazards in the Interventional Laboratory: Time for a Safer Environment. Journal of Vascular and Interventional Radiology, 2009, 20, S278-S283.	0.5	54
31	Correction of Scaphocephaly Secondary to Ventricular Shunting Procedures. Plastic and Reconstructive Surgery, 1995, 96, 1012-1019.	1.4	51
32	Association of common genetic variants in GPCPD1 with scaling of visual cortical surface area in humans. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3985-3990.	7.1	50
33	Transvenous embolization of a ruptured cerebral arteriovenous malformation with en-passage arterial supply: initial case report. Journal of NeuroInterventional Surgery, 2010, 2, 150-152.	3.3	48
34	Early-Stage Radiology Volume Effects and Considerations with the Coronavirus Disease 2019 (COVID-19) Pandemic: Adaptations, Risks, and Lessons Learned. Journal of the American College of Radiology, 2020, 17, 1086-1095.	1.8	48
35	Invited. Japanese encephalitis. Journal of Magnetic Resonance Imaging, 1998, 8, 755-761.	3.4	47
36	Soft robotic steerable microcatheter for the endovascular treatment of cerebral disorders. Science Robotics, 2021, 6, .	17.6	47

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37	Blood brain-barrier disruption of nonionic iodinated contrast medium following coil embolization of a ruptured intracerebral aneurysm. American Journal of Neuroradiology, 2004, 25, 1783-6.	2.4	45
38	Preoperative selective internal carotid artery dural branch embolisation for petroclival meningiomas. Neuroradiology, 2003, 45, 656-660.	2.2	43
39	Intra-Arterial rtPA Treatment of Stroke Assessed by Diffusion- and Perfusion-Weighted MRI. Stroke, 1999, 30, 678-680.	2.0	41
40	Changes in posterior disc bulging and intervertebral foraminal size associated with flexion-extension movement. Spine Journal, 2001, 1, 10-17.	1.3	41
41	Radiologist Manpower Considerations and Imaging 3.0: Effort Planning for Value-Based Imaging. Journal of the American College of Radiology, 2014, 11, 953-958.	1.8	39
42	Effect of team training on improving MRI study completion rates and no-show rates. Journal of Magnetic Resonance Imaging, 2016, 44, 1040-1047.	3.4	38
43	Percutaneous transfemoral embolization of an indirect carotid-cavernous fistula with cortical venous access to the cavernous sinus. Journal of Neurosurgery, 1999, 90, 959-963.	1.6	37
44	Novel Geographic Thematic Study of the Largest Radiology Societies Globally: How Is Gender Structure Biased Within Editorial Boards?. American Journal of Roentgenology, 2019, 213, 2-7.	2.2	34
45	Comparison of topogram-based body size indices for CT dose consideration and scan protocol optimization. Medical Physics, 2012, 39, 3456-3465.	3.0	32
46	Occupational health hazards in the interventional laboratory: Time for a safer environment. Heart Rhythm, 2009, 6, 439-444.	0.7	29
47	Assessment of synovitis in the osteoarthritic knee: Comparison between manual segmentation, semiautomated segmentation, and semiquantitative assessment using contrast-enhanced fat-suppressed T1-weighted MRI. Magnetic Resonance in Medicine, 2010, 64, 604-609.	3.0	29
48	Masters of Radiology Panel Discussion: Women in Radiology—How Can We Encourage More Women to Join the Field and Become Leaders?. American Journal of Roentgenology, 2012, 198, 145-149.	2.2	29
49	The safety of anticoagulation in patients with intracranial aneurysms. Journal of NeuroInterventional Surgery, 2013, 5, 405-409.	3.3	29
50	Multispectral Quantitative Magnetic Resonance Imaging of Brain Iron Stores. Topics in Magnetic Resonance Imaging, 2006, 17, 19-30.	1.2	27
51	Maxillary sinusitis as a surrogate model for CF gene therapy clinical trials in patients with antrastomies. Journal of Gene Medicine, 1999, 1, 13-21.	2.8	27
52	The catheterization laboratory and interventional vascular suite of the future: Anticipating innovations in design and function. Catheterization and Cardiovascular Interventions, 2011, 77, 447-455.	1.7	26
53	Safety-Net Academic Hospital Experience in Following Up Noncritical Yet Potentially Significant Radiologist Recommendations. American Journal of Roentgenology, 2017, 209, 982-986.	2.2	25
54	Impact of Coronavirus Disease 2019 (COVID-19) on the Practice of Clinical Radiology. Journal of the American College of Radiology, 2020, 17, 1096-1100.	1.8	25

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55	Distal-tip shape-consistency testing of steam-shaped microcatheters suitable for cerebral aneurysm coil placement. American Journal of Neuroradiology, 2004, 25, 1058-61.	2.4	24
56	State of the Art: Venous Causes of Pulsatile Tinnitus and Diagnostic Considerations Guiding Endovascular Therapy. Radiology, 2021, 300, 2-16.	7.3	23
57	Asymmetric Posterior Reversible Encephalopathy Syndrome Complicating Hemodynamic Augmentation for Subarachnoid Hemorrhage-Associated Cerebral Vasospasm. Neurocritical Care, 2011, 15, 542-546.	2.4	22
58	The 100 Most Influential Papers in the Field of Thrombolytic Therapy: A Bibliometric Analysis. American Journal of Cardiovascular Drugs, 2017, 17, 319-333.	2.2	22
59	Occupational Health Hazards in the Interventional Laboratory: Progress Report of the Multispecialty Occupational Health Group. Journal of Vascular and Interventional Radiology, 2010, 21, 1338-1341.	0.5	21
60	Coil migration during or after endovascular coiling of cerebral aneurysms. Journal of NeuroInterventional Surgery, 2020, 12, 505-511.	3.3	21
61	Intra-Arterial Treatment Methods in Acute Stroke Therapy. Frontiers in Neurology, 2011, 2, 9.	2.4	20
62	Age-Related Relaxo-Volumetric Quantitative Magnetic Resonance Imaging of the Major Salivary Glands. Journal of Computer Assisted Tomography, 2013, 37, 272-278.	0.9	20
63	Operational Radiology Recovery in Academic Radiology Departments After the COVID-19 Pandemic: Moving Toward Normalcy. Journal of the American College of Radiology, 2020, 17, 1101-1107.	1.8	20
64	Inadvertent Stent Retriever Detachment: A Multicenter Case Series and Review of Device Experience FDA Reports. Interventional Neurology, 2015, 4, 75-82.	1.8	18
65	DuraSeal Magnetic Resonance and Computed Tomography Imaging: Evaluation in a Canine Craniotomy Model. Operative Neurosurgery, 2006, 58, ONS-140-ONS-147.	0.8	17
66	Special Communication“ Occupational Health Hazards in the Interventional Laboratory: Progress Report of the Multispecialty Occupational Health Group. Journal of the American College of Radiology, 2010, 7, 679-683.	1.8	17
67	Society of Chairs of Academic Radiology Departments Statement of Support for Paid Parental Leave. Journal of the American College of Radiology, 2019, 16, 271-272.	1.8	15
68	Intracavernous Anterior Cerebral Artery Origin with Associated Arteriovenous Malformations: A Developmental Analysis: Case Report. Neurosurgery, 1997, 40, 829-831.	1.1	14
69	Videoscopic Phantom-based Angiographic Simulation: Effect of Brief Angiographic Simulator Practice on Vessel Cannulation Times. Journal of Vascular and Interventional Radiology, 2009, 20, 1215-1223.	0.5	14
70	Scenario Planning. Journal of the American College of Radiology, 2011, 8, 175-179.	1.8	14
71	Radiology 24/7 In-House Attending Coverage: Do Benefits Outweigh Cost?. Current Problems in Diagnostic Radiology, 2016, 45, 241-246.	1.4	14
72	The Business Case for Diversity and Inclusion. Journal of the American College of Radiology, 2020, 17, 676-680.	1.8	14

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73	VINE Catheter for Endovascular Surgery. IEEE Transactions on Medical Robotics and Bionics, 2021, 3, 384-391.	3.2	14
74	Headache with neurological deficits and CSF lymphocytosis: A transient ischemic attack mimic. Journal of Stroke and Cerebrovascular Diseases, 1999, 8, 42-44.	1.6	13
75	What Is the Role of the Radiologist in Holding Down Health Care Cost Growth?. American Journal of Roentgenology, 2011, 197, 919-922.	2.2	12
76	Duplication of the Posterior Cerebral Artery and the 'True Fetal' Variant. Interventional Neurology, 2015, 4, 64-67.	1.8	12
77	Basilar artery stenosis: Clinical and neuroradiographic features. Journal of Stroke and Cerebrovascular Diseases, 2000, 9, 57-63.	1.6	11
78	Masters of Radiology Panel Discussion: Hyperefficient Radiology—Can We Maintain The Pace?. American Journal of Roentgenology, 2012, 199, 838-843.	2.2	11
79	Quantitative evaluation of light scattering intensities of the crystalline lens for radiation related minimal change in interventional radiologists: a cross-sectional pilot study. Journal of Radiation Research, 2013, 54, 315-321.	1.6	11
80	Ivy Sign in Mildly Symptomatic $\beta^2$ -Thalassemia Intermedia, with Development of Moyamoya Disease. Neuroradiology Journal, 2014, 27, 23-28.	1.2	11
81	Fulfilling the Health Care Economics Milestones: Adopting an Online Curriculum for Radiology Residency Programs. Journal of the American College of Radiology, 2015, 12, 314-317.	1.8	10
82	CT and Fluoroscopically Guided Percutaneous Embolization Treatment of a Pseudoaneurysm Associated with Pancreatitis. Journal of Vascular and Interventional Radiology, 2005, 16, 411-415.	0.5	9
83	A Novel Endovascular Device for Emboli Rerouting. Stroke, 2008, 39, 2860-2866.	2.0	9
84	Masters of Radiology Panel Discussion: The Commoditization of Radiology. American Journal of Roentgenology, 2011, 196, 843-847.	2.2	9
85	Preliminary Results of Nonfluoroscopy-based 3D Navigation for Neurointerventional Procedures. Journal of Vascular and Interventional Radiology, 2007, 18, 289-298.	0.5	8
86	Gender Disparity in Radiology Society Committees and Leadership in North America and Comparison With Other Continents. Current Problems in Diagnostic Radiology, 2021, 50, 835-841.	1.4	8
87	Masters of Radiology Panel Discussion: The Future of the Radiology Job Market. American Journal of Roentgenology, 2012, 199, 127-132.	2.2	7
88	Robotics and Artificial Intelligence in Endovascular Neurosurgery. Cureus, 2022, 14, e23662.	0.5	7
89	Masters of Radiology Panel Discussion: Radiology Extenders—Challenges and Opportunities to Balance the Demands of Our Changing Work Environment. American Journal of Roentgenology, 2010, 195, 170-175.	2.2	6
90	Occupational Health Hazards in the Interventional Laboratory: Time for a Safer Environment. Journal of Radiology Nursing, 2010, 29, 75-82.	0.4	6

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91	The neurointerventional procedure room of the future: predicting likely innovations in design and function. <i>Journal of NeuroInterventional Surgery</i> , 2011, 3, 266-271.	3.3	6
92	Masters of Radiology Panel Discussion: Defining a Quality Dashboard for Radiology—What Are the Right Metrics?. <i>American Journal of Roentgenology</i> , 2013, 200, 839-844.	2.2	6
93	Transitional Leadership. <i>Academic Radiology</i> , 2017, 24, 734-739.	2.5	6
94	A Call to Action —“ Our Radiology Chairs Are Burning Out. <i>Academic Radiology</i> , 2019, 26, 1385-1389.	2.5	6
95	Roadmap for Resuming Elective Neuroendovascular Procedures Following the First COVID-19 Surge. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105177.	1.6	6
96	Accurate brain volumetry with diffusion-weighted spin-echo single-shot echo-planar imaging and dual-echo clustering segmentation: Comparison with volumetry-validated quantitative magnetic resonance imaging. <i>Medical Physics</i> , 2010, 37, 1183-1190.	3.0	5
97	The Accountable Health Care Act of Massachusetts: Mixed Results for an Experiment in Universal Health Care Coverage. <i>Journal of the American College of Radiology</i> , 2012, 9, 734-739.	1.8	5
98	Masters of Radiology Panel Discussion—Is Imaging in Decline?. <i>American Journal of Roentgenology</i> , 2013, 200, 127-131.	2.2	5
99	Maxillary sinusitis as a surrogate model for CF gene therapy clinical trials in patients with antrastomies. <i>Journal of Gene Medicine</i> , 1999, 1, 13-21.	2.8	4
100	Occupational health hazards in the interventional laboratory: progress report of the Multispecialty Occupational Health Group. <i>Journal of NeuroInterventional Surgery</i> , 2010, 2, 245-248.	3.3	4
101	Masters of Radiology Panel Discussion: Who Is Accountable for the Appropriateness of Studies—The Radiologist, the Referring Physician, or Both?. <i>American Journal of Roentgenology</i> , 2010, 195, 968-973.	2.2	4
102	Masters of Radiology Panel Discussion: Responding to Health Care Reform and Other Market Pressures. <i>American Journal of Roentgenology</i> , 2010, 194, 173-177.	2.2	4
103	Percutaneous Management of Segmental Pulmonary Artery Aneurysm in a Patient Without Pulmonary Artery Hypertension. <i>Vascular and Endovascular Surgery</i> , 2011, 45, 283-287.	0.7	4
104	A Guide to the External Review of an Academic Radiology Department. <i>Academic Radiology</i> , 2014, 21, 400-406.	2.5	4
105	Expanding Endovascular Therapy of Very Small Ruptured Aneurysms with the 1.5-mm Coil. <i>Interventional Neurology</i> , 2015, 4, 59-63.	1.8	4
106	Normal saline as a natural intravascular contrast agent for dynamic perfusion-weighted MRI of the brain: Proof of concept at 1.5T. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 1580-1591.	3.4	4
107	Moving a National Medical Meeting in Response to California’s Anti—“Lesbian, Gay, Bisexual, and Transgender Discrimination Travel Ban. <i>Journal of the American College of Radiology</i> , 2019, 16, 1006-1008.	1.8	4
108	Aspiration Thrombectomy Versus Stent Retriever Thrombectomy Alone for Acute Ischemic Stroke: A Systematic Review and Meta-Analysis. <i>Cureus</i> , 2020, 12, e8380.	0.5	4

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109	Serendipitous Diagnosis of Hyperthyroidism with Tc-99m Bone Scan. Clinical Nuclear Medicine, 1991, 16, 526.	1.3	3
110	Masters of Radiology Panel Discussion: Role of Communication in Today's Radiologic Practices. American Journal of Roentgenology, 2010, 194, 1014-1017.	2.2	3
111	Novel brain MRI abnormalities in Gitelman syndrome. Neuroradiology Journal, 2015, 28, 523-528.	1.2	3
112	Error Disclosure and Apology in Radiology: The Case for Further Dialogue. Radiology, 2019, 293, 30-35.	7.3	3
113	Robotics for neuroendovascular intervention: Background and primer. Neuroradiology Journal, 2022, 35, 25-35.	1.2	3
114	Balloon Gliding Technique: A novel use of balloon guiding catheters in accessing challenging circulations when treating acute ischemic stroke. Interventional Neuroradiology, 2022, , 159101992210824.	1.1	3
115	Interventional Neuroradiology. International Anesthesiology Clinics, 1996, 34, 161-178.	0.8	2
116	Masters of Radiology Panel Discussion: Encouraging and Fostering Mentorshipâ€”How We Can Ensure That No Faculty Member Is Left Behind and That Leaders Do Not Fail. American Journal of Roentgenology, 2011, 197, 149-153.	2.2	2
117	Balloon-Assisted Cannulation for Difficult Anterior Cerebral Artery Access. Interventional Neurology, 2018, 7, 48-52.	1.8	2
118	Faculty Relative Value Unit Incentives and Resident Education. Journal of the American College of Radiology, 2018, 15, 463-465.	1.8	2
119	Matching Imaging Services to Clinical Context: Why Less May Be More. Journal of the American College of Radiology, 2021, 18, 154-160.	1.8	2
120	Academic Radiology in North America: Underrepresentation of Women in Academic Ranks and Leadership Roles. Current Radiology Reports, 2022, 10, 93-100.	1.4	2
121	CRANE: a 10 Degree-of-Freedom, Tele-surgical System for Dexterous Manipulation within Imaging Bores. , 2022, , .		2
122	Intra-arterial stroke thrombolysis and carotid stenting: Methods for the treatment of ischemic cerebrovascular disease. Seminars in Roentgenology, 2002, 37, 255-265.	0.6	1
123	Balloon angioplasty of the A2 segment of the anterior cerebral artery for recurrent, symptomatic atherosclerotic disease. Journal of Neurosurgery, 2010, 112, 582-584.	1.6	1
124	Masters of Radiology Panel Discussion: Models for Health Care Performance in Radiologyâ€”How Do We Measure Our Productivity and Ourselves?. American Journal of Roentgenology, 2011, 196, 130-135.	2.2	1
125	Masters of Radiology Panel Discussion: Maintaining Maintenance of Certification in the Field of Radiology. American Journal of Roentgenology, 2012, 198, 854-857.	2.2	1
126	Commentary: Masters of Radiology Panel Discussionâ€”How Do We Maintain Control Over Imaging?. American Journal of Roentgenology, 2013, 201, 128-132.	2.2	1

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127	The Impact of the Patient Protection and Affordable Care Act on Radiology: Beyond Reimbursement. Journal of the American College of Radiology, 2015, 12, 29-33.	1.8	1
128	John F. Oâ€™Connor MD. Radiology, 2012, 265, 650-650.	7.3	0
129	Showcasing Our Profession to the Future Physician Workforce. Academic Radiology, 2017, 24, 780-785.	2.5	0
130	Impact of Neuroradiology Staffing on Academic Hospital Level Quality and Cost Measures for the Neuroscience Service Line. Journal of the American College of Radiology, 2018, 15, 1609-1612.	1.8	0
131	A Call to Improve the Visibility and Access of the American College of Radiology Practice Parameters in Neuroradiology: A Powerful Value Stream Enhancer for Both Neuroradiologists and Patients. American Journal of Neuroradiology, 2019, 40, 213-216.	2.4	0
132	Richard Tello, MD. Radiology, 2006, 239, 614-615.	7.3	0