

# Bruce A Wasserman

## List of Publications by Year in descending order

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73  
papers

4,277  
citations

136950

32  
h-index

114465

63  
g-index

73  
all docs

73  
docs citations

73  
times ranked

4481  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intracranial Vessel Wall MRI: Principles and Expert Consensus Recommendations of the American Society of Neuroradiology. <i>American Journal of Neuroradiology</i> , 2017, 38, 218-229.	2.4	457
2	Carotid Artery Atherosclerosis: In Vivo Morphologic Characterization with Gadolinium-enhanced Double-oblique MR Imaging—Initial Results. <i>Radiology</i> , 2002, 223, 566-573.	7.3	313
3	Imaging biomarkers of vulnerable carotid plaques for stroke risk prediction and their potential clinical implications. <i>Lancet Neurology</i> , The, 2019, 18, 559-572.	10.2	279
4	Intracranial Plaque Enhancement in Patients with Cerebrovascular Events on High-Spatial-Resolution MR Images. <i>Radiology</i> , 2014, 271, 534-542.	7.3	252
5	Intracranial arterial wall imaging using three-dimensional high isotropic resolution black blood MRI at 3.0 Tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 22-30.	3.4	235
6	Carotid Artery Wall Imaging: Perspective and Guidelines from the ASNR Vessel Wall Imaging Study Group and Expert Consensus Recommendations of the American Society of Neuroradiology. <i>American Journal of Neuroradiology</i> , 2018, 39, E9-E31.	2.4	213
7	Low-Grade Carotid Stenosis. <i>Stroke</i> , 2005, 36, 2504-2513.	2.0	194
8	Intracranial Vasa Vasorum: Insights and Implications for Imaging. <i>Radiology</i> , 2013, 267, 667-679.	7.3	163
9	Patterns and Implications of Intracranial Arterial Remodeling in Stroke Patients. <i>Stroke</i> , 2016, 47, 434-440.	2.0	144
10	Positive Remodeling of the Coronary Arteries Detected by Magnetic Resonance Imaging in an Asymptomatic Population. <i>Journal of the American College of Cardiology</i> , 2009, 53, 1708-1715.	2.8	139
11	Risk Factor Associations With the Presence of a Lipid Core in Carotid Plaque of Asymptomatic Individuals Using High-Resolution MRI. <i>Stroke</i> , 2008, 39, 329-335.	2.0	121
12	Carotid Artery Plaque Morphology and Composition in Relation to Incident Cardiovascular Events: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Radiology</i> , 2014, 271, 381-389.	7.3	105
13	Prevalence of Intracranial Atherosclerotic Stenosis Using High-Resolution Magnetic Resonance Angiography in the General Population. <i>Stroke</i> , 2016, 47, 1187-1193.	2.0	98
14	MR Imaging Measures of Intracranial Atherosclerosis in a Population-based Study. <i>Radiology</i> , 2016, 280, 860-868.	7.3	86
15	MRI measurements of carotid plaque in the atherosclerosis risk in communities (ARIC) study: Methods, reliability and descriptive statistics. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 406-415.	3.4	65
16	Intracranial atherosclerosis and dementia. <i>Neurology</i> , 2017, 88, 1556-1563.	1.1	64
17	Advanced Contrast-Enhanced MRI for Looking Beyond the Lumen to Predict Stroke. <i>Stroke</i> , 2010, 41, S12-6.	2.0	58
18	Is Carotid Intima-Media Thickness as Predictive as Other Noninvasive Techniques for the Detection of Coronary Artery Disease?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1341-1345.	2.4	58

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19	Correlates of Carotid Plaque Presence and Composition as Measured by MRI. <i>Circulation: Cardiovascular Imaging</i> , 2009, 2, 314-322.	2.6	56
20	Carotid Bifurcation Geometry Is an Independent Predictor of Early Wall Thickening at the Carotid Bulb. <i>Stroke</i> , 2014, 45, 473-478.	2.0	52
21	Segment-specific associations between local haemodynamic and imaging markers of early atherosclerosis at the carotid artery: an <i>in vivo</i> human study. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20180352.	3.4	49
22	Vessel Wall MRI for Targeting Biopsies of Intracranial Vasculitis. <i>American Journal of Neuroradiology</i> , 2018, 39, 2034-2036.	2.4	48
23	Racial Differences in Prevalence and Risk for Intracranial Atherosclerosis in a US Community-Based Population. <i>JAMA Cardiology</i> , 2017, 2, 1341.	6.1	47
24	Remodeling of Carotid Arteries Detected with MR Imaging: Atherosclerosis Risk in Communities Carotid MRI Study. <i>Radiology</i> , 2010, 256, 879-886.	7.3	43
25	Temporal course and implications of intracranial atherosclerotic plaque enhancement on high-resolution vessel wall MRI. <i>Neuroradiology</i> , 2019, 61, 651-657.	2.2	41
26	Association of the platelet GPIIb/IIIa polymorphism with atherosclerotic plaque morphology. <i>Atherosclerosis</i> , 2011, 216, 151-156.	0.8	39
27	MRI-measured regression of carotid atherosclerosis induced by statins with and without niacin in a randomised controlled trial: the NIA plaque study. <i>Heart</i> , 2013, 99, 1675-1680.	2.9	39
28	Relation of cholesterol and lipoprotein parameters with carotid artery plaque characteristics: The Atherosclerosis Risk in Communities (ARIC) carotid MRI study. <i>Atherosclerosis</i> , 2011, 219, 596-602.	0.8	38
29	Age differences in periventricular and deep white matter lesions. <i>Neurobiology of Aging</i> , 2015, 36, 1653-1658.	3.1	38
30	Effect of Common Carotid Artery Inlet Length on Normal Carotid Bifurcation Hemodynamics. <i>Journal of Biomechanical Engineering</i> , 2010, 132, 121008.	1.3	37
31	Wash-in kinetics for gadolinium-enhanced magnetic resonance imaging of carotid atheroma. <i>Journal of Magnetic Resonance Imaging</i> , 2005, 21, 91-95.	3.4	34
32	Improved prediction of disturbed flow via hemodynamically-inspired geometric variables. <i>Journal of Biomechanics</i> , 2012, 45, 1632-1637.	2.1	34
33	Comparison of Gadolinium-Enhanced Cardiovascular Magnetic Resonance Angiography with High-Resolution Black Blood Cardiovascular Magnetic Resonance for Assessing Carotid Artery Stenosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2007, 9, 63-70.	3.3	31
34	Improved cerebrospinal fluid suppression for intracranial vessel wall MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 665-672.	3.4	31
35	Cognitive impairment and intracranial atherosclerotic stenosis in general population. <i>Neurology</i> , 2018, 90, e1240-e1247.	1.1	31
36	Whole-brain arteriography and venography: Using improved velocity-selective saturation pulse trains. <i>Magnetic Resonance in Medicine</i> , 2018, 79, 2014-2023.	3.0	31

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37	Vessel Wallâ€“Imaging Biomarkers of Carotid Plaque Vulnerability in Strokeâ€“Prevention Trials. JACC: Cardiovascular Imaging, 2020, 13, 2445-2456.	5.3	31
38	Retinal signs and 20-year cognitive decline in the Atherosclerosis Risk in Communities Study. Neurology, 2018, 90, e1158-e1166.	1.1	29
39	Association of Intracranial Atherosclerotic Disease With Brain $\beta$ -Amyloid Deposition. JAMA Neurology, 2020, 77, 350.	9.0	27
40	Roadmap Consensus on Carotid Artery Plaque Imaging and Impact on Therapy Strategies and Guidelines: An International, Multispecialty, Expert Review and Position Statement. American Journal of Neuroradiology, 2021, 42, 1566-1575.	2.4	25
41	MMP2 genetic variation is associated with measures of fibrous cap thickness: The Atherosclerosis Risk in Communities Carotid MRI Study. Atherosclerosis, 2010, 210, 188-193.	0.8	24
42	Association of blood lactate with carotid atherosclerosis: The Atherosclerosis Risk in Communities (ARIC) Carotid MRI Study. Atherosclerosis, 2013, 228, 249-255.	0.8	23
43	International Union of Angiology (IUA) consensus paper on imaging strategies in atherosclerotic carotid artery imaging: From basic strategies to advanced approaches. Atherosclerosis, 2022, 354, 23-40.	0.8	22
44	Carotid Artery Wall Thickness and Incident Cardiovascular Events: A Comparison between US and MRI in the Multi-Ethnic Study of Atherosclerosis (MESA). Radiology, 2018, 289, 649-657.	7.3	21
45	Vulnerable Plaque Imaging. Neuroimaging Clinics of North America, 2005, 15, 609-621.	1.0	20
46	Carotid artery imaging: The study of intra-plaque vascularization and hemorrhage in the era of the â€œvulnerableâ€•plaque. Journal of Neuroradiology, 2020, 47, 464-472.	1.1	20
47	Associations Between Carotid Artery Plaque Burden, Plaque Characteristics, and Cardiovascular Events. JAMA Cardiology, 2021, 6, 79-86.	6.1	20
48	Intracranial vessel wall imaging: current applications and clinical implications. Neurovascular Imaging, 2016, 2, .	2.4	19
49	Severe Cerebral Vasospasm and Childhood Arterial Ischemic Stroke After Intrathecal Cytarabine. Pediatrics, 2016, 137, e20152143.	2.1	19
50	Slowed Temporal and Parietal Cerebrovascular Response in Patients with Alzheimerâ€™s Disease. Canadian Journal of Neurological Sciences, 2020, 47, 366-373.	0.5	18
51	Advances in Multimodality Carotid Plaque Imaging: <i>AJR</i> Expert Panel Narrative Review. American Journal of Roentgenology, 2021, 217, 16-26.	2.2	18
52	Essentials for Interpreting Intracranial Vessel Wall MRI Results: State of the Art. Radiology, 2021, 300, 492-505.	7.3	18
53	Low-Grade Carotid Stenosis. Neuroimaging Clinics of North America, 2016, 26, 129-145.	1.0	14
54	Carotid Intima-Media Thickness and Silent Brain Infarctions in a Biracial Cohort: The Atherosclerosis Risk in Communities (ARIC) Study. American Journal of Hypertension, 2018, 31, 869-875.	2.0	14

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55	Vessel wall MR imaging of intracranial atherosclerosis. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 982-993.	1.7	14
56	Understanding the Clinical Implications of Intracranial Arterial Calcification Using Brain CT and Vessel Wall Imaging. <i>Frontiers in Neurology</i> , 2021, 12, 619233.	2.4	14
57	Scanâ€œRescan reproducibility of carotid bifurcation geometry from routine contrastâ€œenhanced MR angiography. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 482-489.	3.4	12
58	Cholesterol Is Associated with the Presence of a Lipid Core in Carotid Plaque of Asymptomatic, Young-to-Middle-Aged African Americans with and without HIV Infection and Cocaine Use Residing in Inner-City Baltimore, Md., USA. <i>Cerebrovascular Diseases</i> , 2012, 33, 295-301.	1.7	12
59	Community-based statins and advanced carotid plaque: Role of CD163 positive macrophages in lipoprotein-associated phospholipase A2 activity in atherosclerotic plaque. <i>Atherosclerosis</i> , 2017, 267, 78-89.	0.8	12
60	Vascular Involvement in Neurosarcoidosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	6.0	11
61	Impact of T2 decay on carotid artery wall thickness measurements. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 1493-1498.	3.4	10
62	Response to Letter Regarding Article, â€œPatterns and Implications of Intracranial Arterial Remodeling in Stroke Patientsâ€œ. <i>Stroke</i> , 2016, 47, e87.	2.0	9
63	Imaging Features of Susac Syndrome on High-Resolution Intracranial Vessel Wall MRI. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	6.0	7
64	Relationship Between Central Artery Stiffness, Brain Arterial Dilation, and White Matter Hyperintensities in Older Adults: The ARIC Studyâ€œBrief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2109-2116.	2.4	7
65	Response to Letter by Karapanayiotides et al. <i>Stroke</i> , 2006, 37, 1647-1647.	2.0	6
66	Hyperglycemia, duration of diabetes, and intracranial atherosclerotic stenosis by magnetic resonance angiography: The ARIC-NCS study. <i>Journal of Diabetes and Its Complications</i> , 2020, 34, 107605.	2.3	5
67	Association between kidney disease measures and intracranial atherosclerosis. <i>Neurology</i> , 2020, 94, e2361-e2372.	1.1	4
68	Polyunsaturated fats, carbohydrates and carotid disease: The Atherosclerosis Risk in Communities (ARIC) Carotid MRI study. <i>Atherosclerosis</i> , 2016, 251, 361-366.	0.8	3
69	Radiation-induced intracranial vasculitis on high-resolution vessel wall MRI. <i>Journal of Neurology</i> , 2022, 269, 483-485.	3.6	3
70	Characterization of Restenosis following Carotid Endarterectomy Using Contrast-Enhanced Vessel Wall MR Imaging. <i>American Journal of Neuroradiology</i> , 2022, 43, 422-428.	2.4	2
71	Vessel Wall Imaging: A Powerful Diagnostic Tool but Not a Substitute for Biopsies. <i>American Journal of Neuroradiology</i> , 2021, 42, E79-E79.	2.4	1
72	Letter by Steinman et al Regarding Article, â€œWall Shear Stress and T1 Contrast Ratio Are Associated With Embolic Signals During Carotid Exposure in Endarterectomyâ€œ. <i>Stroke</i> , 2018, 49, e341.	2.0	0

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73	Association of SERPINA9 gene variants with carotid artery atherosclerosis: the Atherosclerosis Risk in Communities (ARIC) Carotid MRI Study. International Journal of Molecular Epidemiology and Genetics, 2013, 4, 258-67.	0.4	0