

Roberto Montisci

List of Publications by Year in descending order

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54
papers

1,281
citations

361045

20
h-index

377514

34
g-index

54
all docs

54
docs citations

54
times ranked

1179
citing authors

#	ARTICLE	IF	CITATIONS
1	CT and Ultrasound in the Study of Ulcerated Carotid Plaque Compared with Surgical Results: Potentialities and Advantages of Multidetector Row CT Angiography. American Journal of Neuroradiology, 2007, 28, 1061-1066.	1.2	193
2	Association Between Carotid Artery Plaque Volume, Composition, and Ulceration: A Retrospective Assessment With MDCT. American Journal of Roentgenology, 2012, 199, 151-156.	1.0	66
3	Imaging of the carotid artery. Atherosclerosis, 2012, 220, 294-309.	0.4	63
4	CT Attenuation Analysis of Carotid Intraplaque Hemorrhage. American Journal of Neuroradiology, 2018, 39, 131-137.	1.2	56
5	Multidetector-row CT angiography in the study of atherosclerotic carotid arteries. Neuroradiology, 2007, 49, 623-637.	1.1	51
6	Association between carotid plaque enhancement shown by multidetector CT angiography and histologically validated microvessel density. European Radiology, 2012, 22, 2237-2245.	2.3	51
7	Carotid Artery Abnormalities and Leukoaraiosis in Elderly Patients: Evaluation with MDCT. American Journal of Roentgenology, 2009, 192, W63-W70.	1.0	49
8	Multidetector row CT of the brain and carotid artery: a correlative analysis. Clinical Radiology, 2009, 64, 767-778.	0.5	48
9	Carotid artery wall thickness: comparison between sonography and multi-detector row CT angiography. Neuroradiology, 2010, 52, 75-82.	1.1	42
10	Carotid artery wall thickness and ischemic symptoms: evaluation using multi-detector-row CT angiography. European Radiology, 2008, 18, 1962-1971.	2.3	41
11	Status of the Circle of Willis and Intolerance to Carotid Cross-clamping During Carotid Endarterectomy. European Journal of Vascular and Endovascular Surgery, 2013, 45, 107-112.	0.8	35
12	Comparison between manual and automated analysis for the quantification of carotid wall by using sonography. A validation study with CT. European Journal of Radiology, 2012, 81, 911-918.	1.2	34
13	Patients with carotid atherosclerosis who underwent or did not undergo carotid endarterectomy: outcome on mood, cognition and quality of life. BMC Psychiatry, 2015, 15, 277.	1.1	34
14	Review of imaging biomarkers for the vulnerable carotid plaque. JVS Vascular Science, 2021, 2, 149-158.	0.4	28
15	Carotid Intraplaque-Hemorrhage Volume and Its Association with Cerebrovascular Events. American Journal of Neuroradiology, 2019, 40, 1731-1737.	1.2	24
16	Carotid artery stenosis quantification: Concordance analysis between radiologist and semi-automatic computer software by using Multi-Detector-Row CT angiography. European Journal of Radiology, 2011, 79, 80-84.	1.2	23
17	Relationship between white matter hyperintensities volume and the circle of Willis configurations in patients with carotid artery pathology. European Journal of Radiology, 2017, 89, 111-116.	1.2	23
18	Assessment of Intracranial Arterial Stenosis with Multidetector Row CT Angiography: A Postprocessing Techniques Comparison. American Journal of Neuroradiology, 2010, 31, 874-879.	1.2	21

#	ARTICLE	IF	CITATIONS
19	Association Between the Volume of Carotid Artery Plaque and Its Subcomponents and the Volume of White Matter Lesions in Patients Selected for Endarterectomy. <i>American Journal of Roentgenology</i> , 2013, 201, W747-W752.	1.0	21
20	Carotid Plaque CTA Analysis in Symptomatic Subjects with Bilateral Intraparenchymal Hemorrhage: A Preliminary Analysis. <i>American Journal of Neuroradiology</i> , 2019, 40, 1538-1545.	1.2	21
21	Relationship between leukoaraiosis, carotid intima-media thickness and intima-media thickness variability: Preliminary results. <i>European Radiology</i> , 2016, 26, 4423-4431.	2.3	20
22	Carotid artery imaging: The study of intra-plaque vascularization and hemorrhage in the era of the "vulnerable" plaque. <i>Journal of Neuroradiology</i> , 2020, 47, 464-472.	0.6	20
23	Perivascular Fat Density and Contrast Plaque Enhancement: Does a Correlation Exist?. <i>American Journal of Neuroradiology</i> , 2020, 41, 1460-1465.	1.2	20
24	Vulnerable plaque: Detection of agreement between multi-detector-row CT angiography and US-ECD. <i>European Journal of Radiology</i> , 2011, 77, 509-515.	1.2	19
25	Evaluation of Carotid Wall Thickness by using Computed Tomography and Semiautomated Ultrasonographic Software. <i>Journal for Vascular Ultrasound</i> , 2011, 35, 136-142.	0.2	19
26	Carotid Artery Wall Thickness and Leukoaraiosis: Preliminary Results Using Multidetector Row CT Angiography. <i>American Journal of Neuroradiology</i> , 2011, 32, 955-961.	1.2	18
27	Associations between Carotid Artery Wall Thickness and Cardiovascular Risk Factors Using Multidetector CT. <i>American Journal of Neuroradiology</i> , 2010, 31, 1758-1763.	1.2	17
28	Longitudinal assessment of carotid atherosclerosis after Radiation Therapy using Computed Tomography: A case control Study. <i>European Radiology</i> , 2016, 26, 72-78.	2.3	17
29	Multidetector-Row CT Angiography Diagnostic Sensitivity in Evaluation of Renal Artery Stenosis. <i>Journal of Computer Assisted Tomography</i> , 2007, 31, 712-716.	0.5	16
30	Association between Carotid Artery Plaque Type and Cerebral Microbleeds. <i>American Journal of Neuroradiology</i> , 2012, 33, 2144-2150.	1.2	16
31	Correlation between US-PSV and MDCTA in the quantification of carotid artery stenosis. <i>European Journal of Radiology</i> , 2010, 74, 99-103.	1.2	15
32	Carotid artery stenosis and brain connectivity: the role of white matter hyperintensities. <i>Neuroradiology</i> , 2020, 62, 377-387.	1.1	15
33	Agreement between Multidetector-Row CT Angiography and Ultrasound Echo-Color Doppler in the Evaluation of Carotid Artery Stenosis. <i>Cerebrovascular Diseases</i> , 2008, 26, 525-532.	0.8	14
34	Accessory renal artery stenosis and hypertension: are these correlated? evaluation using multidetector-row computed tomographic angiography. <i>Acta Radiologica</i> , 2008, 49, 278-284.	0.5	14
35	Correlation between Leukoaraiosis Volume and Circle of Willis Variants. <i>Journal of Neuroimaging</i> , 2015, 25, 226-231.	1.0	14
36	Carotid Artery Plaque Classification: Does Contrast Enhancement Play a Significant Role?. <i>American Journal of Neuroradiology</i> , 2012, 33, 1814-1817.	1.2	13

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37	Extracranial Carotid Artery Stenosis: The Effects on Brain and Cognition with a Focus on Resting State Functional Connectivity. <i>Journal of Neuroimaging</i> , 2020, 30, 736-745.	1.0	12
38	Diagnostic sensitivity of multidetector-row spiral computed tomography angiography in the evaluation of type-ii endoleaks and their source: comparison between axial scans and reformatting techniques. <i>Acta Radiologica</i> , 2008, 49, 630-637.	0.5	9
39	Stenosis Asymmetry Index (SAI) between symptomatic and asymptomatic patients in the analysis of carotid arteries. A study using CT angiography. <i>European Journal of Radiology</i> , 2012, 81, 77-82.	1.2	9
40	Relationship between Carotid Computed Tomography Dual-Energy and Brain Leukoaraiosis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 1824-1830.	0.7	8
41	Volumetric Distribution of the White Matter Hyper-Intensities in Subject with Mild to Severe Carotid Artery Stenosis: Does the Side Play a Role?. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 2059-2066.	0.7	8
42	Physiological response to lipid peroxidation in ischemia and reperfusion during carotid endarterectomy. <i>Lipids in Health and Disease</i> , 2010, 9, 41.	1.2	7
43	Carotid Artery Wall Thickness Measured Using CT: Inter- and Intraobserver Agreement Analysis. <i>American Journal of Neuroradiology</i> , 2013, 34, E13-E18.	1.2	7
44	Quality of Life in Carotid Atherosclerosis: The Role of Co-morbid Mood Disorders. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2016, 12, 1-8.	0.6	7
45	White-matter hyperintensities in patients with carotid artery stenosis: An exploratory connectometry study. <i>Neuroradiology Journal</i> , 2020, 33, 486-493.	0.6	7
46	Substance P-like immunoreactivity in human sympathetic ganglia. <i>Brain Research</i> , 1984, 321, 143-146.	1.1	3
47	Carotid Artery Stenosis at MSCT: Is there a Threshold in Millimeters that Determines Clinical Significance?. <i>CardioVascular and Interventional Radiology</i> , 2012, 35, 49-58.	0.9	3
48	Is there an association between asymmetry of carotid artery wall thickness (ACAWT) and cerebrovascular symptoms?. <i>International Journal of Neuroscience</i> , 2015, 125, 456-463.	0.8	3
49	Volume of White Matter Hyperintensities, and Cerebral Micro-Bleeds. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105905.	0.7	3
50	Carotid artery intra-plaque attenuation variability using computed tomography. <i>Neurovascular Imaging</i> , 2016, 2, .	2.4	2
51	Comparison Between Postprocessing Techniques in the Analysis of Hepatic Arteries Using Multi-Detector-Row Computed Tomography Angiography. <i>Journal of Computer Assisted Tomography</i> , 2011, 35, 174-180.	0.5	1
52	The importance of presynaptic beta receptors in Raynaud[apos]s disease. <i>Journal of Vascular Surgery</i> , 1989, 9, 0767-0771.	0.6	1
53	Carotid Artery Surgery. , 2016, , 191-201.		0
54	Carotid Artery Surgery. , 2015, , 1-13.		0