

Michael L Steigner

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

1,974
citations

361045

20
h-index

253896

43
g-index

76
all docs

76
docs citations

76
times ranked

2176
citing authors

#	ARTICLE	IF	CITATIONS
1	Initial evaluation of coronary images from 320-detector row computed tomography. <i>International Journal of Cardiovascular Imaging</i> , 2008, 24, 535-546.	0.7	515
2	Narrowing the phase window width in prospectively ECG-gated single heart beat 320-detector row coronary CT angiography. <i>International Journal of Cardiovascular Imaging</i> , 2009, 25, 85-90.	0.7	153
3	Iodinated Contrast Opacification Gradients in Normal Coronary Arteries Imaged With Prospectively ECG-Gated Single Heart Beat 320-Detector Row Computed Tomography. <i>Circulation: Cardiovascular Imaging</i> , 2010, 3, 179-186.	1.3	138
4	Coronary Artery Disease Detected by Coronary Computed Tomographic Angiography Is Associated With Intensification of Preventive Medical Therapy and Lower Low-Density Lipoprotein Cholesterol. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 629-638.	1.3	97
5	The "Post-64" Era of Coronary CT Angiography: Understanding New Technology from Physical Principles. <i>Radiologic Clinics of North America</i> , 2009, 47, 79-90.	0.9	84
6	Simulated 50% radiation dose reduction in coronary CT angiography using adaptive iterative dose reduction in three-dimensions (AIDR3D). <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 1167-1175.	0.7	76
7	ACR Appropriateness Criteria® Imaging of Mesenteric Ischemia. <i>Journal of the American College of Radiology</i> , 2018, 15, S332-S340.	0.9	57
8	Vascular Thoracic Outlet Syndrome: Protocol Design and Diagnostic Value of Contrast-Enhanced 3D MR Angiography and Equilibrium Phase Imaging on 1.5- and 3-T MRI Scanners. <i>American Journal of Roentgenology</i> , 2012, 198, 1180-1187.	1.0	55
9	MDCT of Congenital Coronary Artery Fistulas. <i>American Journal of Roentgenology</i> , 2014, 203, W244-W252.	1.0	48
10	Association between Nonalcoholic Fatty Liver Disease at CT and Coronary Microvascular Dysfunction at Myocardial Perfusion PET/CT. <i>Radiology</i> , 2019, 291, 330-337.	3.6	45
11	Quantification of Urinary Stone Volume: Attenuation Threshold-based CT Method—A Technical Note. <i>Radiology</i> , 2011, 258, 915-922.	3.6	39
12	Ranolazine in Symptomatic Diabetic Patients Without Obstructive Coronary Artery Disease: Impact on Microvascular and Diastolic Function. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	35
13	Preoperative Vascular Mapping for Facial Allotransplantation. <i>Plastic and Reconstructive Surgery</i> , 2011, 128, 883-891.	0.7	32
14	IgG4-Related Disease With Coronary Arteritis. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, e004583.	1.3	31
15	2020 SCCT Guideline for Training Cardiology and Radiology Trainees as Independent Practitioners (Level II) and Advanced Practitioners (Level III) in Cardiovascular Computed Tomography: A Statement from the Society of Cardiovascular Computed Tomography. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 2-15.	0.7	31
16	CT-Based Determination of Maximum Ureteral Stone Area: A Predictor of Spontaneous Passage. <i>American Journal of Roentgenology</i> , 2012, 198, 603-608.	1.0	26
17	Modern imaging techniques: applications in the management of acute aortic pathologies. <i>Postgraduate Medical Journal</i> , 2015, 91, 449-462.	0.9	26
18	Recent developments in the use of computed tomography scanners in coronary artery imaging. <i>Expert Review of Medical Devices</i> , 2016, 13, 545-553.	1.4	24

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19	Quantifying the effect of side branches in endothelial shear stress estimates. <i>Atherosclerosis</i> , 2016, 251, 213-218.	0.4	23
20	Coronary Enhancement for Prospective ECG-Gated Single R-R Axial 320-MDCT Angiography: Comparison of 60- and 80-mL Iopamidol 370 Injection. <i>American Journal of Roentgenology</i> , 2011, 197, 844-850.	1.0	22
21	Ferumoxylol-Enhanced Magnetic Resonance Imaging in Late-Stage CKD. <i>American Journal of Kidney Diseases</i> , 2016, 67, 984-988.	2.1	22
22	Reduced exposure using asymmetric cone beam processing for wide area detector cardiac CT. <i>International Journal of Cardiovascular Imaging</i> , 2012, 28, 381-388.	0.7	21
23	ACR Appropriateness Criteria® Renovascular Hypertension. <i>Journal of the American College of Radiology</i> , 2017, 14, S540-S549.	0.9	20
24	ACR Appropriateness Criteria® Thoracic Aorta Interventional Planning and Follow-Up. <i>Journal of the American College of Radiology</i> , 2017, 14, S570-S583.	0.9	20
25	ACR Appropriateness Criteria® Imaging for Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Radiology</i> , 2017, 14, S449-S455.	0.9	15
26	Role of Coronary CT Angiography in Spontaneous Coronary Artery Dissection. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e200364.	0.9	15
27	Imaging of the aortic root on high-pitch non-gated and ECG-gated CT: awareness is the key!. <i>Insights Into Imaging</i> , 2020, 11, 51.	1.6	15
28	Surgical Planning for Composite Tissue Allotransplantation of the Face Using 320-Detector Row Computed Tomography. <i>Journal of Computer Assisted Tomography</i> , 2010, 34, 766-769.	0.5	14
29	Quantification of pleural effusions on thoracic ultrasound in acute heart failure. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 513-521.	0.4	14
30	Upper Extremity Runoff: Pearls and Pitfalls in Computed Tomography Angiography and Magnetic Resonance Angiography. <i>Current Problems in Diagnostic Radiology</i> , 2017, 46, 115-129.	0.6	13
31	Diagnostic performance of a Lattice Boltzmann-based method for CT-based fractional flow reserve. <i>EuroIntervention</i> , 2018, 13, 1696-1704.	1.4	13
32	Common First-Pass CT Angiography Findings Associated With Rapid Growth Rate in Abdominal Aorta Aneurysms Between 3 and 5 cm in Largest Diameter. <i>American Journal of Roentgenology</i> , 2018, 210, 431-437.	1.0	12
33	Symptomatic coronary cameral fistula. <i>Heart Views</i> , 2015, 16, 65.	0.1	12
34	Myocardial Catastrophe. <i>Circulation</i> , 2014, 130, 854-862.	1.6	11
35	2020 SCCT Guideline for Training Cardiology and Radiology Trainees as Independent Practitioners (Level II) and Advanced Practitioners (Level III) in Cardiovascular Computed Tomography: A Statement from the Society of Cardiovascular Computed Tomography. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 272-287.	2.3	10
36	Multimodality imaging to distinguish between benign and malignant cardiac masses. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 1504-1517.	1.4	10

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37	Giant idiopathic renal arteriovenous fistula managed by coils and amplatzer device: Case report and literature review. <i>World Journal of Clinical Cases</i> , 2016, 4, 364.	0.3	10
38	ACR Appropriateness Criteria® Suspected Lower Extremity Deep Vein Thrombosis. <i>Journal of the American College of Radiology</i> , 2018, 15, S413-S417.	0.9	9
39	2020 SCCT Guideline for Training Cardiology and Radiology Trainees as Independent Practitioners (Level II) and Advanced Practitioners (Level III) in Cardiovascular Computed Tomography: A Statement from the Society of Cardiovascular Computed Tomography. <i>Radiology: Cardiothoracic Imaging</i> , 2021, 3, e200480.	0.9	9
40	Thrombus in hypoplastic aorta: An uncommon cause of acute myocardial infarction. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 263-264.	0.7	8
41	Comparison of Respiratory Motion Artifact From Craniocaudal Versus Caudocranial Scanning With 64-MDCT Pulmonary Angiography. <i>American Journal of Roentgenology</i> , 2010, 195, 155-159.	1.0	7
42	ACR Appropriateness Criteria® Vascular Claudication Assessment for Revascularization. <i>Journal of the American College of Radiology</i> , 2017, 14, S372-S379.	0.9	7
43	Quantification of radiation dose reduction by reducing z-axis coverage in 320-detector coronary CT angiography. <i>British Journal of Radiology</i> , 2017, 90, 20170252.	1.0	7
44	ACR Appropriateness Criteria® Penetrating Neck Injury. <i>Journal of the American College of Radiology</i> , 2017, 14, S500-S505.	0.9	7
45	ACR Appropriateness Criteria® Suspected Upper Extremity Deep Vein Thrombosis. <i>Journal of the American College of Radiology</i> , 2020, 17, S315-S322.	0.9	7
46	Reduced Radiation Exposure for Face Transplant Surgical Planning Computed Tomography Angiography. <i>PLoS ONE</i> , 2013, 8, e63079.	1.1	7
47	Traumatic right atrial pseudoaneurysm. <i>Cardiovascular Diagnosis and Therapy</i> , 2015, 5, 141-4.	0.7	7
48	Noninvasive vascular images for face transplant surgical planning. <i>Eplasty</i> , 2011, 11, e51.	0.4	7
49	Cardiac Calcifications in Adults with Congenital Heart Defects. <i>Congenital Heart Disease</i> , 2015, 10, 396-402.	0.0	6
50	Motion Artifact Reduction From High-Pitch Dual-Source Computed Tomography Pulmonary Angiography. <i>Journal of Computer Assisted Tomography</i> , 2018, 42, 623-629.	0.5	6
51	Clinically isolated aortitis: imaging features and clinical outcomes: comparison with giant cell arteritis and giant cell aortitis. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 1433-1443.	0.7	6
52	Tumor Encasement of the Right Coronary Artery: Role of Anatomic and Functional Imaging in Diagnosis and Therapeutic Management. <i>Open Cardiovascular Medicine Journal</i> , 2014, 8, 110-112.	0.6	6
53	ACR Appropriateness Criteria® Noncerebral Vasculitis. <i>Journal of the American College of Radiology</i> , 2021, 18, S380-S393.	0.9	6
54	ACR Appropriateness Criteria Clinically Suspected Pulmonary Arteriovenous Malformation. <i>Journal of the American College of Radiology</i> , 2016, 13, 796-800.	0.9	5

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55	Iliac Stent Migration to the Right Ventricular Outflow Tract. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e008520.	1.3	5
56	ACR Appropriateness Criteria® Suspected Thoracic Aortic Aneurysm. <i>Journal of the American College of Radiology</i> , 2018, 15, S208-S214.	0.9	5
57	Cine computed tomography angiography evaluation of blood flow for full face transplant surgical planning. <i>Eplasty</i> , 2012, 12, e57.	0.4	5
58	Impact of coronary artery calcium testing on patient management. <i>Journal of Cardiovascular Computed Tomography</i> , 2022, 16, 303-308.	0.7	5
59	Superior Vena Cava Syndrome Associated with Right-to-Left Shunt through Systemic-to-Pulmonary Venous Collaterals. <i>Korean Journal of Radiology</i> , 2014, 15, 185.	1.5	4
60	Multi-detector CT angiography in case of concomitant pseudoaneurysm and arteriovenous fistula of the lateral superior geniculate artery. <i>Postgraduate Medical Journal</i> , 2014, 90, 118-119.	0.9	4
61	Computed Tomography Angiography Gravitational Gradient as an Imaging Sign of Slow Flow. <i>Journal of Computer Assisted Tomography</i> , 2013, 37, 297-300.	0.5	3
62	Collaborative Cardiology and Pulmonary Management of Pulmonary Hypertension. <i>Chest</i> , 2019, 156, 200-202.	0.4	3
63	Utility of planning MRI in percutaneous thoracic duct embolization for chylothorax. <i>Clinical Imaging</i> , 2020, 64, 43-49.	0.8	3
64	Hypoplastic left coronary artery with large collateral vessels from an ectatic right coronary artery. <i>International Journal of Cardiology</i> , 2014, 172, e396-e397.	0.8	2
65	Cardiac metastasis from renal cell carcinoma in cardiac CT. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 337-338.	0.7	2
66	Giant cell aortitis mimicking intramural hematoma. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 327-328.	0.7	2
67	ACR Appropriateness Criteria® Imaging of Deep Inferior Epigastric Arteries for Surgical Planning (Breast Reconstruction Surgery). <i>Journal of the American College of Radiology</i> , 2017, 14, S456-S461.	0.9	2
68	Digital Hypothenar Hammer Syndrome. <i>Radiology</i> , 2019, 290, 289-289.	3.6	2
69	Upper extremity composite tissue allotransplantation imaging. <i>Eplasty</i> , 2013, 13, e38.	0.4	2
70	ACR Appropriateness Criteria® Suspected Retroperitoneal Bleed. <i>Journal of the American College of Radiology</i> , 2021, 18, S482-S487.	0.9	2
71	Cardiac Allograft Involvement by Post-Transplantation Lymphoproliferative Disorder. <i>Journal of the American College of Cardiology</i> , 2013, 62, 937.	1.2	1
72	Infundibulum of the common origin of fourth lumbar arteries and median sacral artery. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2018, 62, 528-529.	0.9	1

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73	Persistent left superior vena cava associated with a circumflex coronary artery fistula. Journal of Cardiovascular Computed Tomography, 2018, 12, e13-e14.	0.7	0
74	CMR Assessment of Cardiac Masses. Contemporary Cardiology, 2019, , 273-307.	0.0	0
75	Systemic Sarcoidosis With Cardiac Involvement Resembling Lymphoma on Imaging: Case Journey From Scrotum to Heart. Circulation: Cardiovascular Imaging, 2021, 14, e012598.	1.3	0
76	Intra-abdominal Deep Inferior Epigastric Vessel Course Does Not Preclude Successful DIEP Flap Breast Reconstruction. Plastic and Reconstructive Surgery - Global Open, 2020, 8, e2934.	0.3	0