

Stephanie L Sellers

List of Publications by Year in descending order

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83
papers

1,455
citations

304368

22
h-index

377514

34
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83
all docs

83
docs citations

83
times ranked

2171
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of coronary atherosclerotic plaque progression in East Asians and Caucasians by serial coronary computed tomographic angiography: A PARADIGM substudy. <i>Journal of Cardiovascular Computed Tomography</i> , 2022, 16, 222-229.	0.7	1
2	Cardiac computed tomography-derived coronary artery volume to myocardial mass. <i>Journal of Cardiovascular Computed Tomography</i> , 2022, 16, 198-206.	0.7	10
3	Prognostic value of coronary computed tomography angiographic derived fractional flow reserve: a systematic review and meta-analysis. <i>Heart</i> , 2022, 108, 194-202.	1.2	45
4	18F-GP1 Positron Emission Tomography and Bioprosthetic Aortic Valve Thrombus. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 1107-1120.	2.3	12
5	Tissue Engineered Transcatheter Pulmonary Valved Stent Implantation: Current State and Future Prospect. <i>International Journal of Molecular Sciences</i> , 2022, 23, 723.	1.8	5
6	Biodegradable Poly- μ -Caprolactone Scaffolds with ECFCs and iMSCs for Tissue-Engineered Heart Valves. <i>International Journal of Molecular Sciences</i> , 2022, 23, 527.	1.8	9
7	Balloon-Expandable Valve for Treatment of Evolut Valve Failure. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 368-377.	1.1	37
8	Bypass Grafting and Native Coronary Artery Disease Activity. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 875-887.	2.3	24
9	Late Balloon Valvuloplasty for Transcatheter Heart Valve Dysfunction. <i>Journal of the American College of Cardiology</i> , 2022, 79, 1340-1351.	1.2	17
10	Impact of Bioprosthetic Valve Fracture on Potential Embolic Debris Generation. <i>JACC: Cardiovascular Interventions</i> , 2022, , .	1.1	0
11	Redo Transcatheter Aortic Valve Implantation with the ALLEGRA Transcatheter Heart Valve: Insights from Bench Testing. <i>Cardiovascular Engineering and Technology</i> , 2022, , 1.	0.7	0
12	The Morphology of Coronary Artery Disease in South Asians vs White Caucasians and Its Implications. <i>Canadian Journal of Cardiology</i> , 2022, 38, 1570-1579.	0.8	5
13	Aspirin and Statin Therapy for Nonobstructive Coronary Artery Disease: Five-year Outcomes from the CONFIRM Registry. <i>Radiology: Cardiothoracic Imaging</i> , 2022, 4, e210225.	0.9	6
14	¹⁸ F-NaF PET/MRI for Detection of Carotid Atheroma in Acute Neurovascular Syndrome. <i>Radiology</i> , 2022, 305, 137-148.	3.6	7
15	Microcalcification and Thoracic Aortopathy: A Window Into Disease Severity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 1048-1059.	1.1	3
16	TAVR for All? The Surgical Perspective. <i>Journal of Cardiovascular Development and Disease</i> , 2022, 9, 223.	0.8	3
17	Bioprosthetic Valve Fracture to Facilitate Valve-in-Valve Transcatheter Aortic Valve Replacement. <i>Structural Heart</i> , 2021, 5, 24-38.	0.2	4
18	The Relationship Between Coronary Calcification and the Natural History of Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 233-242.	2.3	44

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19	Impact of sex on microvascular reactivity in a murine model of diet-induced obesity and insulin resistance. <i>Heliyon</i> , 2021, 7, e06217.	1.4	1
20	Effects of chronic kidney disease and declining renal function on coronary atherosclerotic plaque progression: a PARADIGM substudy. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 1072-1082.	0.5	8
21	Native Aortic Valve Disease Progression and Bioprosthetic Valve Degeneration in Patients With Transcatheter Aortic Valve Implantation. <i>Circulation</i> , 2021, 144, 1396-1408.	1.6	32
22	Leaflet and Neoskirt Height in Transcatheter Heart Valves. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2298-2300.	1.1	24
23	Transcatheter solutions for transcatheter aortic valve replacement dysfunction: is redo transcatheter aortic valve replacement a durable option?. <i>Annals of Cardiothoracic Surgery</i> , 2021, 10, 571-584.	0.6	3
24	Aortic Stenosis. <i>JACC Basic To Translational Science</i> , 2021, 6, 40-41.	1.9	0
25	Platelets. <i>JACC Basic To Translational Science</i> , 2021, 6, 1007-1020.	1.9	7
26	Neosinus and Sinus Flow After Self-Expanding and Balloon-Expandable Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2657-2666.	1.1	18
27	Performance of the TRUE dilatation balloon valvuloplasty catheter beyond rated burst pressure: A bench study. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, E187-E195.	0.7	9
28	Effect of a calcium deblooming algorithm on accuracy of coronary computed tomography angiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 131-136.	0.7	7
29	Long-Term Durability of Transcatheter Heart Valves. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 235-249.	1.1	26
30	Subclinical Leaflet Thrombosis Post Transcatheter Aortic Valve Replacement – An Update for 2020. <i>Structural Heart</i> , 2020, 4, 369-381.	0.2	10
31	Annular versus supra-annular sizing for transcatheter aortic valve replacement in bicuspid aortic valve disease. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 407-413.	0.7	20
32	Hypertrophic cardiomyopathy masquerading as sarcoidosis: cases illustrating cardiac imaging overlap relative to pathology. <i>Cardiovascular Pathology</i> , 2020, 49, 107234.	0.7	0
33	Tricuspid Valve-in-Valve and Bioprosthetic Surgical Tricuspid and Pulmonic Valve Degeneration. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2680-2682.	2.3	0
34	Ex vivo 18F-fluoride uptake and hydroxyapatite deposition in human coronary atherosclerosis. <i>Scientific Reports</i> , 2020, 10, 20172.	1.6	15
35	Impact of Over-Expansion on SAPIEN 3 Transcatheter Heart Valve Pericardial Leaflets. <i>Structural Heart</i> , 2020, 4, 214-220.	0.2	4
36	Mixed Valvular Disease Following Transcatheter Aortic Valve Replacement: Quantification and Systematic Differentiation Using Clinical Measurements and Image-Based Patient-Specific In Silico Modeling. <i>Journal of the American Heart Association</i> , 2020, 9, e015063.	1.6	26

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37	Evaluation of an Explanted Tiara Transcatheter Mitral Valve. JACC: Case Reports, 2020, 2, 528-532.	0.3	1
38	Novel method for assessing myocardium at risk: a new arrow in the diagnostic quiver of coronary CT. Heart, 2020, 106, 1458-1460.	1.2	2
39	Bioprosthetic Valve Leaflet Displacement During Valve-in-Valve Intervention. JACC: Cardiovascular Interventions, 2020, 13, 667-678.	1.1	7
40	Reference dimensions of stented surgical aortic bioprostheses for valve size determination. EuroIntervention, 2020, 16, e502-e506.	1.4	3
41	Molecular Coronary Plaque Imaging Using ¹⁸ F-Fluoride. Circulation: Cardiovascular Imaging, 2019, 12, e008574.	1.3	36
42	Angiotensin II receptor blocker losartan exacerbates muscle damage and exhibits weak blood pressure-lowering activity in a dysferlin-null model of Limb-Girdle muscular dystrophy type 2B. PLoS ONE, 2019, 14, e0220903.	1.1	10
43	Bioprosthetic Heart Valve Degeneration and Dysfunction: Focus on Mechanisms and Multidisciplinary Imaging Considerations. Radiology: Cardiothoracic Imaging, 2019, 1, e190004.	0.9	8
44	Prognosis of CT-derived Fractional Flow Reserve in the Prediction of Clinical Outcomes. Radiology: Cardiothoracic Imaging, 2019, 1, e190021.	0.9	8
45	Anatomic Considerations for Injection of the Lateral Atlanto-Axial Joint. Pain Medicine, 2019, 20, 2115-2119.	0.9	3
46	Valve-in-Valve Transcatheter Aortic Valve Replacement and Bioprosthetic Valve Fracture Comparing Different Transcatheter Heart Valve Designs. JACC: Cardiovascular Interventions, 2019, 12, 65-75.	1.1	35
47	Inonotus obliquus attenuates histamine-induced microvascular inflammation. PLoS ONE, 2019, 14, e0220776.	1.1	12
48	Modified Intravital Microscopy to Assess Vascular Health and T-Cell Motility. Methods in Molecular Biology, 2019, 1930, 139-147.	0.4	0
49	Impact of sublingual nitroglycerin dosage on FFRCT assessment and coronary luminal volume-to-myocardial mass ratio. European Radiology, 2019, 29, 6829-6836.	2.3	14
50	Bioprosthetic Valve Dysfunction: A Complex Biological Process. Structural Heart, 2019, 3, 110-112.	0.2	2
51	The Authors Reply:. JACC: Cardiovascular Imaging, 2019, 12, 567-569.	2.3	0
52	Detection and Prediction of Bioprosthetic Aortic Valve Degeneration. Journal of the American College of Cardiology, 2019, 73, 1107-1119.	1.2	110
53	Overexpansion of older generation balloon expandable transcatheter heart valves: An ex vivo bench study. Catheterization and Cardiovascular Interventions, 2019, 94, 806-811.	0.7	9
54	Valve-in-Valve Transcatheter Aortic Valve Replacement in Intermediate-risk Patients. Structural Heart, 2019, 3, 324-328.	0.2	1

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55	Sex differences in cardiovascular medicine: Bilateral internal mammary artery CABG. <i>International Journal of Cardiology</i> , 2019, 288, 53-54.	0.8	2
56	Transcatheter Aortic and Mitral Valve Replacements. <i>Radiologic Clinics of North America</i> , 2019, 57, 165-178.	0.9	9
57	Transcatheter Aortic Heart Valves. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 135-145.	2.3	89
58	Reply to letter to the editor regarding "Prevalence and impact of scan-related anxiety during Coronary CT angiography: A prospective cohort study of 366 patients". <i>Journal of Cardiovascular Computed Tomography</i> , 2019, 13, e3.	0.7	0
59	Impact of implant depth on hydrodynamic function with the ACURATE neo transcatheter heart valve following valve-in-valve transcatheter aortic valve replacement in Mitroflow bioprosthetic valves: an ex vivo bench study. <i>EuroIntervention</i> , 2019, 15, 78-87.	1.4	24
60	Role of MDCT Imaging in Planning Mitral Valve Intervention. <i>Current Cardiology Reports</i> , 2018, 20, 16.	1.3	10
61	Increased nonHDL cholesterol levels cause muscle wasting and ambulatory dysfunction in the mouse model of LGMD2B. <i>Journal of Lipid Research</i> , 2018, 59, 261-272.	2.0	24
62	Inhibition of Marfan Syndrome Aortic Root Dilation by Losartan. <i>American Journal of Pathology</i> , 2018, 188, 574-585.	1.9	50
63	Overexpansion of the SAPIEN 3 Transcatheter Heart Valve. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1696-1705.	1.1	48
64	Impact of Non-obstructive left main disease on the progression of coronary artery disease: A PARADIGM substudy. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 231-237.	0.7	17
65	Natural History of Diabetic Coronary Atherosclerosis by Quantitative Measurement of Serial Coronary Computed Tomographic Angiography. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1461-1471.	2.3	64
66	Cardiac Fibroma in an Adult AIRP Best Cases in Radiologic-Pathologic Correlation. <i>Radiographics</i> , 2018, 38, 1022-2026.	1.4	8
67	Prevalence and impact of scan-related anxiety during coronary CT angiography: A prospective cohort study of 366 patients. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 364-371.	0.7	11
68	Hypertrophic Cardiomyopathy (HCM): New insights into Coronary artery remodelling and ischemia from FFRCT. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 467-471.	0.7	17
69	Computed tomography-based oversizing and incidence of paravalvular aortic regurgitation and permanent pacemaker implantation with a new-generation self-expanding transcatheter heart valve. <i>EuroIntervention</i> , 2018, 14, e511-e518.	1.4	8
70	Sex differences in the aortic root size: Implications for TAVR. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 97-98.	0.7	1
71	Indexed Aortic Area in Bicuspid Valve Disease. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, e006593.	1.3	1
72	Fractional flow reserve derived from coronary computed tomography angiography reclassification rate using value distal to lesion compared to lowest value. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 462-467.	0.7	55

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73	Coronary lumen volume to myocardial mass ratio in primary microvascular angina. Journal of Cardiovascular Computed Tomography, 2017, 11, 423-428.	0.7	31
74	CT-Defined Prosthesis-Patient Mismatch Downgrades Frequency and Severity, and Demonstrates No Association With Adverse Outcomes After Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2017, 10, 1578-1587.	1.1	40
75	Recombinant Decorin Fusion Protein Attenuates Murine Abdominal Aortic Aneurysm Formation and Rupture. Scientific Reports, 2017, 7, 15857.	1.6	19
76	Increased plasma lipid levels exacerbate muscle pathology in the mdx mouse model of Duchenne muscular dystrophy. Skeletal Muscle, 2017, 7, 19.	1.9	42
77	Imaging for structural heart procedures: focus on computed tomography. EuroIntervention, 2017, 13, AA85-AA96.	1.4	7
78	Developing a Deeper Understanding of Sex Differences in the Diagnostic Performance of Computed Tomographic Perfusion Imaging Toward a More Personalized Approach. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	0
79	Direct Endothelial Nitric Oxide Synthase Activation Provides Atheroprotection in Diabetes-Accelerated Atherosclerosis. Diabetes, 2015, 64, 3937-3950.	0.3	60
80	Nitric Oxide and TNF± Are Critical Regulators of Reversible Lymph Node Vascular Remodeling and Adaptive Immune Response. PLoS ONE, 2013, 8, e60741.	1.1	9
81	Caveolin as a potential drug target for cardiovascular protection. Frontiers in Physiology, 2012, 3, 280.	1.3	17
82	Intravital Microscopy of the Inguinal Lymph Node. Journal of Visualized Experiments, 2011, , .	0.2	9
83	CD4 ⁺ T cells support cytotoxic T lymphocyte priming by controlling lymph node input. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8749-8754.	3.3	80