

Thomas Hellmut Schindler

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

69
papers

2,767
citations

25
h-index

52
g-index

106
ext. papers

3,492
ext. citations

5
avg, IF

5.22
L-index

#	Paper	IF	Citations
69	Coronary circulatory function with increasing obesity: A complex U-turn.. <i>European Journal of Clinical Investigation</i> , 2022 , e13755	4.6	1
68	Cutting-Edge Imaging of Cardiac Metastases from Neuroendocrine Tumors: Lesson from a Case Series. <i>Diagnostics</i> , 2022 , 12, 1182	3.8	1
67	Identify. Quantify. Predict. Why Immunologists Should Widely Use Molecular Imaging for Coronavirus Disease 2019. <i>Frontiers in Immunology</i> , 2021 , 12, 568959	8.4	1
66	Potential Cardiac Amyloid PET/CT Imaging Targets for Differentiating Immunoglobulin Light Chain From Transthyretin Amyloidosis. <i>Current Cardiology Reports</i> , 2021 , 23, 76	4.2	0
65	Quantification of myocardial oxygen extraction fraction: A proof-of-concept study. <i>Magnetic Resonance in Medicine</i> , 2021 , 85, 3318-3325	4.4	1
64	PET Radiopharmaceuticals for Imaging Chemotherapy-Induced Cardiotoxicity. <i>Current Cardiology Reports</i> , 2020 , 22, 62	4.2	4
63	The Role of Nuclear Medicine for COVID-19: Time to Act Now. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 781-782	8.2	14
62	Cardiac metastasis from medullary thyroid carcinoma: insights from multimodal molecular imaging and magnetic resonance imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 231-232	4.1	1
61	Appropriate Use Criteria for PET Myocardial Perfusion Imaging. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 1221-1265	8.9	16
60	68Ga-DOTATOC PET for Treatment Efficacy Evaluation of Cardiac Sarcoidosis. <i>Clinical Nuclear Medicine</i> , 2020 , 45, e416-e418	1.7	0
59	PET/CMR: One More Step Toward Noninvasive Morphofunctional Diagnosis of Cardiac Malignancies. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1270-1275	8.4	1
58	Effect of Evolocumab on Atherogenic Lipoproteins During the Peri- and Early Postinfarction Period: A Placebo-Controlled, Randomized Trial. <i>Circulation</i> , 2020 , 142, 419-421	16.7	12
57	Higher incidence of vasodilator-induced left ventricular cavity dilation by PET when compared to treadmill exercise-ECHO in hypertrophic cardiomyopathy. <i>Journal of Nuclear Cardiology</i> , 2020 , 27, 2031-2043	2.1	5
56	Coronary Microvascular Dysfunction: Clinical Considerations and Noninvasive Diagnosis. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 140-155	8.4	35
55	Relationship between HDL Cholesterol Efflux Capacity, Calcium Coronary Artery Content, and Antibodies against ApolipoproteinA-1 in Obese and Healthy Subjects. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	8
54	Alcohol Binge-Induced Cardiovascular Dysfunction Involves Endocannabinoid-CB1-R Signaling. <i>JACC Basic To Translational Science</i> , 2019 , 4, 625-637	8.7	5
53	Novel Myocardial PET/CT Receptor Imaging and Potential Therapeutic Targets. <i>Current Cardiology Reports</i> , 2019 , 21, 55	4.2	4

52	PET/CT Imaging of Cardiac Angiotensin II Type 1 Receptors in Nonobstructive Hypertrophic Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 1895-1896	8.4	2
51	PET Myocardial Perfusion Imaging 2019 , 129-174		
50	From Myocardial Blood Flow to Receptor Imaging with PET. <i>Annals of Nuclear Cardiology</i> , 2019 , 5, 131-140		
49	Comparison of two software systems for quantification of myocardial blood flow in patients with hypertrophic cardiomyopathy. <i>Journal of Nuclear Cardiology</i> , 2019 , 26, 1243-1253	2.1	3
48	Stress Myocardial Blood Flow Heterogeneity Is a Positron Emission Tomography Biomarker of Ventricular Arrhythmias in Patients With Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2018 , 121, 1081-1089	3	17
47	Feasibility Evaluation of Myocardial Cannabinoid Type 1 Receptor Imaging in Obesity: A Translational Approach. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 320-332	8.4	15
46	Clinical Quantification of Myocardial Blood Flow Using PET: Joint Position Paper of the SNMMI Cardiovascular Council and the ASNC. <i>Journal of Nuclear Cardiology</i> , 2018 , 25, 269-297	2.1	83
45	Cardiovascular effects of marijuana and synthetic cannabinoids: the good, the bad, and the ugly. <i>Nature Reviews Cardiology</i> , 2018 , 15, 151-166	14.8	184
44	Clinical Quantification of Myocardial Blood Flow Using PET: Joint Position Paper of the SNMMI Cardiovascular Council and the ASNC. <i>Journal of Nuclear Medicine</i> , 2018 , 59, 273-293	8.9	75
43	Myocardial Blood Flow and Inflammatory Cardiac Sarcoidosis. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 157-167	8.4	25
42	Cardiovascular PET/MR: "Not the end but the beginning". <i>Journal of Nuclear Cardiology</i> , 2017 , 24, 1098-1100		2
41	Plasma palmitoylethanolamide (PEA) as a potential biomarker for impaired coronary function. <i>International Journal of Cardiology</i> , 2017 , 231, 1-5	3.2	10
40	Positron Emission Tomography-Determined Hyperemic Flow, Myocardial Flow Reserve, and Flow Gradient-Quo Vadis?. <i>Frontiers in Cardiovascular Medicine</i> , 2017 , 4, 46	5.4	4
39	PET-measured longitudinal flow gradient correlates with invasive fractional flow reserve in CAD patients. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 538-548	4.1	12
38	Joint SNMMI-ASNC expert consensus document on the role of F-FDG PET/CT in cardiac sarcoid detection and therapy monitoring. <i>Journal of Nuclear Cardiology</i> , 2017 , 24, 1741-1758	2.1	77
37	Joint SNMMI-ASNC Expert Consensus Document on the Role of F-FDG PET/CT in Cardiac Sarcoid Detection and Therapy Monitoring. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 1341-1353	8.9	115
36	Cardiovascular PET/MR imaging: Quo Vadis?. <i>Journal of Nuclear Cardiology</i> , 2017 , 24, 1007-1018	2.1	10
35	Impact of incomplete revascularization of coronary artery disease on long-term cardiac outcomes. Retrospective comparison of angiographic and myocardial perfusion imaging criteria for completeness. <i>Journal of Nuclear Cardiology</i> , 2016 , 23, 546-55	2.1	9

34	Clinical Application of Myocardial Blood Flow Quantification in CAD Patients. <i>Annals of Nuclear Cardiology</i> , 2016 , 2, 84-93	0.3	5
33	Myocardial blood flow: Putting it into clinical perspective. <i>Journal of Nuclear Cardiology</i> , 2016 , 23, 1056-1071		25
32	Pathophysiology of ST-segment elevation myocardial infarction: novel mechanisms and treatments. <i>European Heart Journal</i> , 2016 , 37, 1268-83	9.5	59
31	Potential Role of Cardiovascular Imaging in Improving Cardiovascular Outcome in Coronary Artery Disease. <i>Current Pharmaceutical Design</i> , 2016 , 22, 5718-5729	3.3	2
30	Effect of Diffuse Subendocardial Hypoperfusion on Left Ventricular Cavity Size by N-Ammonia Perfusion PET in Patients With Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2016 , 118, 1908-1915	3	12
29	Clinical Application of Myocardial Blood Flow Quantification in CAD Patients. <i>Annals of Nuclear Cardiology</i> , 2016 , 2, 84-93	0.3	
28	Cardiac PET/Computed Tomography Applications and Cardiovascular Outcome. <i>PET Clinics</i> , 2015 , 10, 441-59	2.2	5
27	Positron-emitting myocardial blood flow tracers and clinical potential. <i>Progress in Cardiovascular Diseases</i> , 2015 , 57, 588-606	8.5	23
26	Nuclear cardiology core syllabus of the European Association of Cardiovascular Imaging (EACVI). <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 349-50	4.1	5
25	Role of PET/CT for the Identification of Cardiac Sarcoid Disease. <i>Annals of Nuclear Cardiology</i> , 2015 , 1, 79-86	0.3	9
24	Quantitative assessment of myocardial blood flow--clinical and research applications. <i>Seminars in Nuclear Medicine</i> , 2014 , 44, 274-93	5.4	40
23	Towards quantitative myocardial perfusion PET in the clinic. <i>Journal of the American College of Radiology</i> , 2014 , 11, 429-32	3.5	7
22	Diagnostic value of PET-measured longitudinal flow gradient for the identification of coronary artery disease. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 387-96	8.4	24
21	New SPECT and PET radiopharmaceuticals for imaging cardiovascular disease. <i>BioMed Research International</i> , 2014 , 2014, 942960	3	42
20	Anatomic versus physiologic assessment of coronary artery disease. Role of coronary flow reserve, fractional flow reserve, and positron emission tomography imaging in revascularization decision-making. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 1639-1653	15.1	373
19	Improvement in coronary circulatory function in morbidly obese individuals after gastric bypass-induced weight loss: relation to alterations in endocannabinoids and adipocytokines. <i>European Heart Journal</i> , 2013 , 34, 2063-73	9.5	71
18	Coronary vasomotor control in obesity and morbid obesity: contrasting flow responses with endocannabinoids, leptin, and inflammation. <i>JACC: Cardiovascular Imaging</i> , 2012 , 5, 805-15	8.4	46
17	Matching between regional coronary vasodilator capacity and corresponding circumferential strain in individuals with normal and increasing body weight. <i>Journal of Nuclear Cardiology</i> , 2012 , 19, 693-703	2.1	2

16	Anti-apolipoprotein A-1 IgG levels predict coronary artery calcification in obese but otherwise healthy individuals. <i>Mediators of Inflammation</i> , 2012 , 2012, 243158	4.3	14
15	Elevated endocannabinoid plasma levels are associated with coronary circulatory dysfunction in obesity. <i>European Heart Journal</i> , 2011 , 32, 1369-78	9.5	100
14	Cardiac PET imaging for the detection and monitoring of coronary artery disease and microvascular health. <i>JACC: Cardiovascular Imaging</i> , 2010 , 3, 623-40	8.4	263
13	Adapting the contrast material protocol to the body surface area for an optimized low-dose CT coronary angiography with prospective ECG-triggering: a new evolving concept?. <i>International Journal of Cardiovascular Imaging</i> , 2010 , 26, 599-600	2.5	
12	Improvement in coronary endothelial function is independently associated with a slowed progression of coronary artery calcification in type 2 diabetes mellitus. <i>European Heart Journal</i> , 2009 , 30, 3064-73	9.5	43
11	Structural alterations of the coronary arterial wall are associated with myocardial flow heterogeneity in type 2 diabetes mellitus. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009 , 36, 219-29	8.8	39
10	Effect of hormone replacement therapy on vasomotor function of the coronary microcirculation in post-menopausal women with medically treated cardiovascular risk factors. <i>European Heart Journal</i> , 2009 , 30, 978-86	9.5	34
9	Role of PET in the evaluation and understanding of coronary physiology. <i>Journal of Nuclear Cardiology</i> , 2007 , 14, 589-603	2.1	49
8	Diagnostic value of PET-measured heterogeneity in myocardial blood flows during cold pressor testing for the identification of coronary vasomotor dysfunction. <i>Journal of Nuclear Cardiology</i> , 2007 , 14, 688-97	2.1	21
7	Assessment of intra- and interobserver reproducibility of rest and cold pressor test-stimulated myocardial blood flow with (13)N-ammonia and PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007 , 34, 1178-88	8.8	50
6	PET-measured heterogeneity in longitudinal myocardial blood flow in response to sympathetic and pharmacologic stress as a non-invasive probe of epicardial vasomotor dysfunction. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2006 , 33, 1140-9	8.8	33
5	Relationship between increasing body weight, insulin resistance, inflammation, adipocytokine leptin, and coronary circulatory function. <i>Journal of the American College of Cardiology</i> , 2006 , 47, 1188-95	15.1	175
4	Positron emission tomography-measured abnormal responses of myocardial blood flow to sympathetic stimulation are associated with the risk of developing cardiovascular events. <i>Journal of the American College of Cardiology</i> , 2005 , 45, 1505-12	15.1	129
3	Coronary circulatory dysfunction in insulin resistance, impaired glucose tolerance, and type 2 diabetes mellitus. <i>Circulation</i> , 2005 , 111, 2291-8	16.7	224
2	PET-measured responses of MBF to cold pressor testing correlate with indices of coronary vasomotion on quantitative coronary angiography. <i>Nuclear Medicine Communications</i> , 2004 , 45, 419-28	1.6	26
1	Radiomics Analysis of Clinical Myocardial Perfusion Stress SPECT Images to Identify Coronary Artery Calcification		1