

Thomas Hellmut Schindler

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3421062/thomas-hellmut-schindler-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
68	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
67	Coronary circulatory dysfunction in insulin resistance, impaired glucose tolerance, and type 2 diabetes mellitus. <i>Circulation</i> , 2005 , 111, 2291-8	16.7	224
66	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
65	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
64	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
63	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
62	Elevated endocannabinoid plasma levels are associated with coronary circulatory dysfunction in obesity. <i>European Heart Journal</i> , 2011 , 32, 1369-78	9.5	100
61	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
60	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
59	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
58	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
57	Pathophysiology of ST-segment elevation myocardial infarction: novel mechanisms and treatments. <i>European Heart Journal</i> , 2016 , 37, 1268-83	9.5	59
56	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
55	Role of PET in the evaluation and understanding of coronary physiology. <i>Journal of Nuclear Cardiology</i> , 2007 , 14, 589-603	2.1	49
54	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
53	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

52	New SPECT and PET radiopharmaceuticals for imaging cardiovascular disease. <i>BioMed Research International</i> , 2014 , 2014, 942960	3	42
51	Quantitative assessment of myocardial blood flow--clinical and research applications. <i>Seminars in Nuclear Medicine</i> , 2014 , 44, 274-93	5.4	40
50	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
49	Coronary Microvascular Dysfunction: Clinical Considerations and Noninvasive Diagnosis. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 140-155	8.4	35
48	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
47	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
46	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
45	Myocardial Blood Flow and Inflammatory Cardiac Sarcoidosis. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 157-167	8.4	25
44	Myocardial blood flow: Putting it into clinical perspective. <i>Journal of Nuclear Cardiology</i> , 2016 , 23, 1056-1071	10.7	25
43	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
42	Positron-emitting myocardial blood flow tracers and clinical potential. <i>Progress in Cardiovascular Diseases</i> , 2015 , 57, 588-606	8.5	23
41	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
40	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
39	Appropriate Use Criteria for PET Myocardial Perfusion Imaging. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 1221-1265	8.9	16
38	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
37	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
36	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
35	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

34	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
33	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
32	Plasma palmitoylethanolamide (PEA) as a potential biomarker for impaired coronary function. <i>International Journal of Cardiology</i> , 2017 , 231, 1-5	3.2	10
31	Cardiovascular PET/MR imaging: Quo Vadis?. <i>Journal of Nuclear Cardiology</i> , 2017 , 24, 1007-1018	2.1	10
30	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
29	Role of PET/CT for the Identification of Cardiac Sarcoid Disease. <i>Annals of Nuclear Cardiology</i> , 2015 , 1, 79-86	0.3	9
28	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
27	Towards quantitative myocardial perfusion PET in the clinic. <i>Journal of the American College of Radiology</i> , 2014 , 11, 429-32	3.5	7
26	Alcohol Binge-Induced Cardiovascular Dysfunction Involves Endocannabinoid-CB1-R Signaling. <i>JACC Basic To Translational Science</i> , 2019 , 4, 625-637	8.7	5
25	Cardiac PET/Computed Tomography Applications and Cardiovascular Outcome. <i>PET Clinics</i> , 2015 , 10, 441-59	2.2	5
24	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
23	Clinical Application of Myocardial Blood Flow Quantification in CAD Patients. <i>Annals of Nuclear Cardiology</i> , 2016 , 2, 84-93	0.3	5
22	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
21	Novel Myocardial PET/CT Receptor Imaging and Potential Therapeutic Targets. <i>Current Cardiology Reports</i> , 2019 , 21, 55	4.2	4
20	PET Radiopharmaceuticals for Imaging Chemotherapy-Induced Cardiotoxicity. <i>Current Cardiology Reports</i> , 2020 , 22, 62	4.2	4
19	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
18	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
17	Cardiovascular PET/MR: "Not the end but the beginning". <i>Journal of Nuclear Cardiology</i> , 2017 , 24, 1098-1100	1.0	2

16	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
15	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
14	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
13	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
12	Coronary circulatory function with increasing obesity: A complex U-turn.. <i>European Journal of Clinical Investigation</i> , 2022 , e13755	4.6	1
11	PET/CMR: One More Step Toward Noninvasive Morphofunctional Diagnosis of Cardiac Malignancies. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1270-1275	8.4	1
10	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
9	Quantification of myocardial oxygen extraction fraction: A proof-of-concept study. <i>Magnetic Resonance in Medicine</i> , 2021 , 85, 3318-3325	4.4	1
8	Radiomics Analysis of Clinical Myocardial Perfusion Stress SPECT Images to Identify Coronary Artery Calcification		1
7	Cutting-Edge Imaging of Cardiac Metastases from Neuroendocrine Tumors: Lesson from a Case Series. <i>Diagnostics</i> , 2022 , 12, 1182	3.8	1
6	⁶⁸ Ga-DOTATOC PET for Treatment Efficacy Evaluation of Cardiac Sarcoidosis. <i>Clinical Nuclear Medicine</i> , 2020 , 45, e416-e418	1.7	0
5	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
4	PET Myocardial Perfusion Imaging 2019 , 129-174		
3	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	
2	From Myocardial Blood Flow to Receptor Imaging with PET. <i>Annals of Nuclear Cardiology</i> , 2019 , 5, 131-140	4.3	
1	Clinical Application of Myocardial Blood Flow Quantification in CAD Patients. <i>Annals of Nuclear Cardiology</i> , 2016 , 2, 84-93	0.3	