

Beat Andreas Kaufmann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/619874/publications.pdf>

Version: 2024-02-01

74
papers

7,823
citations

218677

26
h-index

82547

72
g-index

77
all docs

77
docs citations

77
times ranked

10295
citing authors

#	ARTICLE	IF	CITATIONS
1	NOX1 mediates metabolic heart disease in mice and is upregulated in monocytes of humans with diastolic dysfunction. <i>Cardiovascular Research</i> , 2022, 118, 2973-2984.	3.8	10
2	Biomarkers associated with rhythm status after cardioversion in patients with atrial fibrillation. <i>Scientific Reports</i> , 2022, 12, 1680.	3.3	9
3	Cardiovascular imaging following perioperative myocardial infarction/injury. <i>Scientific Reports</i> , 2022, 12, 4447.	3.3	0
4	Intensification of pharmacological decongestion but not the actual daily loop diuretic dose predicts worse chronic heart failure outcome: insights from TIME-CHF. <i>Clinical Research in Cardiology</i> , 2021, 110, 1221-1233.	3.3	5
5	Effect of COVID-19 on acute treatment of ST-segment elevation and Non-ST-segment elevation acute coronary syndrome in northwestern Switzerland. <i>IJC Heart and Vasculature</i> , 2021, 32, 100686.	1.1	7
6	Designed Ankyrin Repeat Proteins as Novel Binders for Ultrasound Molecular Imaging. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 2664-2675.	1.5	1
7	P2Y12 Inhibition in Murine Myocarditis Results in Reduced Platelet Infiltration and Preserved Ejection Fraction. <i>Cells</i> , 2021, 10, 3414.	4.1	3
8	Right ventricle and outcome in left ventricular non-compaction cardiomyopathy. <i>Journal of Cardiology</i> , 2020, 75, 20-26.	1.9	14
9	Seeing the Invisible – Ultrasound Molecular Imaging. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 479-497.	1.5	31
10	Use of a Protective Shield Successfully Prevents Exposure to Aerosols and Droplets during Transesophageal Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 908-909.	2.8	1
11	Change in Atrial Fibrillation Burden over Time in Patients with Nonpermanent Atrial Fibrillation. <i>Cardiology Research and Practice</i> , 2020, 2020, 1-7.	1.1	3
12	Ultrasound Molecular Imaging of Atherosclerosis With Nanobodies. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 2520-2530.	2.4	42
13	Non-invasive contrast enhanced ultrasound molecular imaging of inflammation in autoimmune myocarditis for prediction of left ventricular fibrosis and remodeling. <i>PLoS ONE</i> , 2019, 14, e0224377.	2.5	6
14	Prognostic Significance of Longitudinal Clinical Congestion Pattern in Chronic Heart Failure: Insights From TIME-CHF Trial. <i>American Journal of Medicine</i> , 2019, 132, e679-e692.	1.5	15
15	Left atrial dimension and cardiovascular outcomes in patients with and without atrial fibrillation: a systematic review and meta-analysis. <i>Heart</i> , 2019, 105, 1884-1891.	2.9	40
16	Prevalence and Management of Atrial Thrombi in Patients With Atrial Fibrillation Before Pulmonary Vein Isolation. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 1406-1414.	3.2	9
17	Targeting compensatory MEK/ERK activation increases JAK inhibitor efficacy in myeloproliferative neoplasms. <i>Journal of Clinical Investigation</i> , 2019, 129, 1596-1611.	8.2	84
18	Altered Left Ventricular Geometry and Torsional Mechanics in High Altitude-Induced Pulmonary Hypertension: A Three-Dimensional Echocardiographic Study. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 314-322.	2.8	8

#	ARTICLE	IF	CITATIONS
19	Is the clinical presentation of chronic heart failure different in elderly versus younger patients and those with preserved versus reduced ejection fraction?. <i>European Journal of Internal Medicine</i> , 2018, 57, 61-69.	2.2	11
20	Prognostic power of NT-proBNP in left ventricular non-compaction cardiomyopathy. <i>International Journal of Cardiology</i> , 2017, 236, 321-327.	1.7	24
21	Heart failure with mid-range ejection fraction: a distinct clinical entity? Insights from the Trial of Intensified versus standard Medical therapy in Elderly patients with Congestive Heart Failure (<sc>TIME</sc>). <i>European Journal of Heart Failure</i> , 2017, 19, 1586-1596.	7.1	108
22	Conventional versus 3D Echocardiography to Predict Arrhythmia Recurrence After Atrial Fibrillation Ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 651-658.	1.7	11
23	Scaffold Composition Determines the Angiogenic Outcome of Cell-Based Vascular Endothelial Growth Factor Expression by Modulating Its Microenvironmental Distribution. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700600.	7.6	12
24	2017 ESC/EACTS Guidelines for the management of valvular heart disease. <i>European Heart Journal</i> , 2017, 38, 2739-2791.	2.2	5,142
25	Interferon- β -Driven iNOS: A Molecular Pathway to Terminal Shock in Arenavirus Hemorrhagic Fever. <i>Cell Host and Microbe</i> , 2017, 22, 354-365.e5.	11.0	14
26	Comparison of Benefit of Successful Percutaneous Coronary Intervention for Chronic Total Occlusion in Patients With Versus Without Reduced ($\geq 40\%$) Left Ventricular Ejection Fraction. <i>American Journal of Cardiology</i> , 2017, 120, 1780-1786.	1.6	18
27	A molecular intravascular ultrasound contrast agent allows detection of activated platelets on the surface of symptomatic human plaques. <i>Atherosclerosis</i> , 2017, 267, 68-77.	0.8	9
28	Fluoroscopy-Free Pulmonary Vein Isolation in Patients with Atrial Fibrillation and a Patent Foramen Ovale Using Solely an Electroanatomic Mapping System. <i>PLoS ONE</i> , 2016, 11, e0148059.	2.5	16
29	Determinants of Left Atrial Volume in Patients with Atrial Fibrillation. <i>PLoS ONE</i> , 2016, 11, e0164145.	2.5	5
30	Von Willebrand Factor Interacts with Surface-Bound C1q and Induces Platelet Rolling. <i>Journal of Immunology</i> , 2016, 197, 3669-3679.	0.8	25
31	Noninvasive Contrast-Enhanced Ultrasound Molecular Imaging Detects Myocardial Inflammatory Response in Autoimmune Myocarditis. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	2.6	19
32	Cardiac mTOR complex 2 preserves ventricular function in pressure-overload hypertrophy. <i>Cardiovascular Research</i> , 2016, 109, 103-114.	3.8	47
33	Whole Blood Gene Expression Differentiates between Atrial Fibrillation and Sinus Rhythm after Cardioversion. <i>PLoS ONE</i> , 2016, 11, e0157550.	2.5	11
34	Isolated double-orifice mitral valve: a case report. <i>BMC Cardiovascular Disorders</i> , 2015, 15, 172.	1.7	5
35	Non-invasive nuclear myocardial perfusion imaging improves the diagnostic yield of invasive coronary angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 842-847.	1.2	20
36	Transapical Transcatheter Aortic Valve Implantation Using the JenaValve: A One-Year Follow-up. <i>Thoracic and Cardiovascular Surgeon</i> , 2015, 63, 493-500.	1.0	6

#	ARTICLE	IF	CITATIONS
37	Effects of Sinus Rhythm Maintenance on Left Heart Function After Electrical Cardioversion of Atrial Fibrillation: Implications for Tachycardia-Induced Cardiomyopathy. <i>Canadian Journal of Cardiology</i> , 2015, 31, 36-43.	1.7	28
38	Improvement in left ventricular ejection fraction and reverse remodeling in elderly heart failure patients on intense NT-proBNP-guided therapy. <i>International Journal of Cardiology</i> , 2015, 191, 286-293.	1.7	9
39	Ultrasound Imaging for Risk Assessment in Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2015, 16, 9749-9769.	4.1	60
40	Authors' Reply. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 377.	2.8	0
41	Velocity ratio predicts outcomes in patients with low gradient severe aortic stenosis and preserved EF. <i>Heart</i> , 2014, 100, 1946-1953.	2.9	41
42	Prevalence of Acute Mountain Sickness at 3500m Within and Between Families: A Prospective Cohort Study. <i>High Altitude Medicine and Biology</i> , 2014, 15, 28-38.	0.9	31
43	Diastolic Stress Echocardiography in the Young: A Study in Nonathletic and Endurance-Trained Healthy Subjects. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 1053-1059.	2.8	19
44	Adjusting parameters of aortic valve stenosis severity by body size. <i>Heart</i> , 2014, 100, 1024-1030.	2.9	18
45	Propionibacterium acnes prosthetic valve endocarditis with abscess formation: a case report. <i>BMC Infectious Diseases</i> , 2014, 14, 105.	2.9	19
46	Differential clubbing and cyanosis: a pathognomonic finding in cardiology. <i>European Heart Journal</i> , 2014, 35, 1410-1410.	2.2	6
47	Interaction Between Pulmonary Hypertension and Diastolic Dysfunction in an Elderly Heart Failure Population. <i>Journal of Cardiac Failure</i> , 2014, 20, 98-104.	1.7	10
48	FLT3 Activation Improves Post-Myocardial Infarction Remodeling Involving a Cytoprotective Effect on Cardiomyocytes. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1011-1019.	2.8	28
49	Head-to-Head Comparison of Two-Dimensional and Three-Dimensional Echocardiographic Methods for Left Atrial Chamber Quantification with Magnetic Resonance Imaging. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 428-435.	2.8	39
50	Assessment of left atrial functional parameters using a novel dedicated analysis tool for real-time three-dimensional echocardiography: validation in comparison to magnetic resonance imaging. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 601-608.	1.5	14
51	Cardiovascular Management of Cancer Patients With Chemotherapy-Associated Left Ventricular Systolic Dysfunction in Real-World Clinical Practice. <i>Journal of Cardiac Failure</i> , 2013, 19, 629-634.	1.7	39
52	How reliable are left ventricular ejection fraction cut offs assessed by echocardiography for clinical decision making in patients with heart failure?. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 581-588.	1.5	28
53	Molecular Imaging Reveals Rapid Reduction of Endothelial Activation in Early Atherosclerosis With Apocynin Independent of Antioxidative Properties. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2187-2192.	2.4	37
54	Molecular Imaging of Inflammation and Platelet Adhesion in Advanced Atherosclerosis Effects of Antioxidant Therapy With NADPH Oxidase Inhibition. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 74-82.	2.6	77

#	ARTICLE	IF	CITATIONS
55	Predictors for efficacy of percutaneous mitral valve repair using the MitraClip system: the results of the MitraSwiss registry. <i>Heart</i> , 2013, 99, 1034-1040.	2.9	126
56	Noninvasive Ultrasound Molecular Imaging of the Effect of Statins on Endothelial Inflammatory Phenotype in Early Atherosclerosis. <i>PLoS ONE</i> , 2013, 8, e58761.	2.5	35
57	Endocarditis due to a stealthy bug. <i>International Journal of Cardiology</i> , 2012, 160, e54-e55.	1.7	1
58	Closure of Apical Access Site After Transapical, Transcatheter Paravalvular Leak Closure. <i>Canadian Journal of Cardiology</i> , 2012, 28, 516.e5-516.e7.	1.7	15
59	Cardiovascular and Systemic Microvascular Effects of Anti-Vascular Endothelial Growth Factor Therapy for Cancer. <i>Journal of the American College of Cardiology</i> , 2012, 60, 618-625.	2.8	48
60	Detection of Antecedent Myocardial Ischemia With Multiselectin Molecular Imaging. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1690-1697.	2.8	56
61	Factors Affecting the Endothelial Retention of Targeted Microbubbles: Influence of Microbubble Shell Design and Cell Surface Projection of the Endothelial Target Molecule. <i>Journal of the American Society of Echocardiography</i> , 2012, 25, 460-466.	2.8	7
62	Functional assessment of the left atrium by real-time three-dimensional echocardiography using a novel dedicated analysis tool: initial validation studies in comparison with computed tomography. <i>European Heart Journal Cardiovascular Imaging</i> , 2011, 12, 497-505.	1.2	41
63	Ultrasound Molecular Imaging of Cardiovascular Disease. <i>Current Cardiovascular Imaging Reports</i> , 2010, 3, 18-25.	0.6	3
64	Molecular Imaging of the Initial Inflammatory Response in Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 54-59.	2.4	165
65	Effect of Acoustic Power on In Vivo Molecular Imaging with Targeted Microbubbles: Implications for Low-Mechanical Index Real-Time Imaging. <i>Journal of the American Society of Echocardiography</i> , 2010, 23, 79-85.	2.8	15
66	Ultrasound molecular imaging of atherosclerosis. <i>Cardiovascular Research</i> , 2009, 83, 617-625.	3.8	31
67	Molecular Imaging of Endothelial Vascular Cell Adhesion Molecule-1 Expression and Inflammatory Cell Recruitment During Vasculogenesis and Ischemia-Mediated Arteriogenesis. <i>Circulation</i> , 2008, 117, 2902-2911.	1.6	113
68	Detection of recent myocardial ischaemia by molecular imaging of P-selectin with targeted contrast echocardiography. <i>European Heart Journal</i> , 2007, 28, 2011-2017.	2.2	135
69	Molecular Imaging of Inflammation in Atherosclerosis With Targeted Ultrasound Detection of Vascular Cell Adhesion Molecule-1. <i>Circulation</i> , 2007, 116, 276-284.	1.6	362
70	High-resolution Myocardial Perfusion Imaging in Mice with High-frequency Echocardiographic Detection of a Depot Contrast Agent. <i>Journal of the American Society of Echocardiography</i> , 2007, 20, 136-143.	2.8	27
71	Assessment of Ischemia-Induced Microvascular Remodeling Using Contrast-Enhanced Ultrasound Vascular Anatomic Mapping. <i>Journal of the American Society of Echocardiography</i> , 2007, 20, 1100-1108.	2.8	20
72	Contrast Echocardiography. <i>Current Problems in Cardiology</i> , 2007, 32, 51-96.	2.4	115

#	ARTICLE	IF	CITATIONS
73	Molecular imaging with targeted contrast ultrasound. <i>Current Opinion in Biotechnology</i> , 2007, 18, 11-16.	6.6	191
74	Coronary stent infection: a rare but severe complication of percutaneous coronary intervention. <i>Swiss Medical Weekly</i> , 2005, 135, 483-7.	1.6	23