

Jeanne du Fay de Lavallaz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2780755/publications.pdf>

Version: 2024-02-01

119
papers

2,318
citations

236612

25
h-index

233125

45
g-index

119
all docs

119
docs citations

119
times ranked

2289
citing authors

#	ARTICLE	IF	CITATIONS
1	Perioperative Myocardial Injury After Noncardiac Surgery. <i>Circulation</i> , 2018, 137, 1221-1232.	1.6	337
2	Prospective Validation of the 0/1-h Algorithm for Early Diagnosis of Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2018, 72, 620-632.	1.2	147
3	Outcome of Applying the ESC 0/1-hour Algorithm in Patients With Suspected Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2019, 74, 483-494.	1.2	126
4	0/1-Hour Triage Algorithm for Myocardial Infarction in Patients With Renal Dysfunction. <i>Circulation</i> , 2018, 137, 436-451.	1.6	110
5	Clinical Validation of a Novel High-Sensitivity Cardiac Troponin I Assay for Early Diagnosis of Acute Myocardial Infarction. <i>Clinical Chemistry</i> , 2018, 64, 1347-1360.	1.5	110
6	Effect of Definition on Incidence and Prognosis of Type 2 Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2017, 70, 1558-1568.	1.2	94
7	Early Diagnosis of Myocardial Infarction With Point-of-Care High-Sensitivity Cardiac Troponin I. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1111-1124.	1.2	94
8	Characterization of the observe zone of the ESC 2015 high-sensitivity cardiac troponin 0 h/1 h-algorithm for the early diagnosis of acute myocardial infarction. <i>International Journal of Cardiology</i> , 2016, 207, 238-245.	0.8	85
9	Impact of age on the performance of the ESC 0/1h-algorithms for early diagnosis of myocardial infarction. <i>European Heart Journal</i> , 2018, 39, 3780-3794.	1.0	78
10	Clinical Effect of Sex-Specific Cutoff Values of High-Sensitivity Cardiac Troponin T in Suspected Myocardial Infarction. <i>JAMA Cardiology</i> , 2016, 1, 912.	3.0	75
11	High-Sensitivity Cardiac Troponin I Assay for Early Diagnosis of Acute Myocardial Infarction. <i>Clinical Chemistry</i> , 2019, 65, 893-904.	1.5	59
12	Direct Comparison of the 0/1h and 0/3h Algorithms for Early Rule-Out of Acute Myocardial Infarction. <i>Circulation</i> , 2018, 137, 2536-2538.	1.6	48
13	Comparison of fourteen rule-out strategies for acute myocardial infarction. <i>International Journal of Cardiology</i> , 2019, 283, 41-47.	0.8	45
14	Incidence and outcomes of unstable angina compared with non-ST-elevation myocardial infarction. <i>Heart</i> , 2019, 105, 1423-1431.	1.2	42
15	Admission respiratory status predicts mortality in COVID-19. <i>Influenza and Other Respiratory Viruses</i> , 2021, 15, 569-572.	1.5	42
16	Clinical Use of a New High-Sensitivity Cardiac Troponin I Assay in Patients with Suspected Myocardial Infarction. <i>Clinical Chemistry</i> , 2019, 65, 1426-1436.	1.5	41
17	B-Type Natriuretic Peptides and Cardiac Troponins for Diagnosis and Risk-Stratification of Syncope. <i>Circulation</i> , 2019, 139, 2403-2418.	1.6	40
18	External Validation of the MEESI Acute Heart Failure Risk Score. <i>Annals of Internal Medicine</i> , 2019, 170, 248.	2.0	40

#	ARTICLE	IF	CITATIONS
19	Skeletal Muscle Disorders: A Noncardiac Source of Cardiac Troponin T. <i>Circulation</i> , 2022, 145, 1764-1779.	1.6	38
20	Clinical Utility of Procalcitonin in the Diagnosis of Pneumonia. <i>Clinical Chemistry</i> , 2019, 65, 1532-1542.	1.5	37
21	Two-Hour Algorithm for Rapid Triage of Suspected Acute Myocardial Infarction Using a High-Sensitivity Cardiac Troponin I Assay. <i>Clinical Chemistry</i> , 2019, 65, 1437-1447.	1.5	36
22	Comparison of high-sensitivity cardiac troponin I and T for the prediction of cardiac complications after non-cardiac surgery. <i>American Heart Journal</i> , 2018, 203, 67-73.	1.2	31
23	Prospective Validation of a Biomarker-Based Rule Out Strategy for Functionally Relevant Coronary Artery Disease. <i>Clinical Chemistry</i> , 2018, 64, 386-395.	1.5	30
24	Predicting Major Adverse Events in Patients With Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2019, 74, 842-854.	1.2	28
25	Prospective validation of current quantitative electrocardiographic criteria for ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2019, 292, 1-12.	0.8	27
26	Prevalence of Pulmonary Embolism in Patients With Syncope. <i>Journal of the American College of Cardiology</i> , 2019, 74, 744-754.	1.2	26
27	Circadian rhythm of cardiac troponin I and its clinical impact on the diagnostic accuracy for acute myocardial infarction. <i>International Journal of Cardiology</i> , 2018, 270, 14-20.	0.8	25
28	Novel Criteria for the Observe-Zone of the ESC 0/1h-hs-cTnT Algorithm. <i>Circulation</i> , 2021, 144, 773-787.	1.6	25
29	Direct Comparison of Cardiac Troponin T and I Using a Uniform and a Sex-Specific Approach in the Detection of Functionally Relevant Coronary Artery Disease. <i>Clinical Chemistry</i> , 2018, 64, 1596-1606.	1.5	19
30	Prospective validation of prognostic and diagnostic syncope scores in the emergency department. <i>International Journal of Cardiology</i> , 2018, 269, 114-121.	0.8	18
31	Incremental diagnostic and prognostic value of the QRS-T angle, a 12-lead ECG marker quantifying heterogeneity of depolarization and repolarization, in patients with suspected non-ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2019, 277, 8-15.	0.8	18
32	Prohormones in the Early Diagnosis of Cardiac Syncope. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	16
33	Rhabdomyolysis. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2936-2937.	1.2	16
34	Droplet digital PCR of serum miR-499, miR-21 and miR-208a for the detection of functionally relevant coronary artery disease. <i>International Journal of Cardiology</i> , 2019, 275, 129-135.	0.8	14
35	Using High-Sensitivity Cardiac Troponin for the Exclusion of Inducible Myocardial Ischemia in Symptomatic Patients. <i>Annals of Internal Medicine</i> , 2020, 172, 175.	2.0	14
36	Combining high-sensitivity cardiac troponin and B-type natriuretic peptide in the detection of inducible myocardial ischemia. <i>Clinical Biochemistry</i> , 2018, 52, 33-40.	0.8	13

#	ARTICLE	IF	CITATIONS
37	Diagnostic and prognostic value of QRS duration and QTc interval in patients with suspected myocardial infarction. <i>Cardiology Journal</i> , 2018, 25, 601-610.	0.5	13
38	Characteristics and Outcomes of Type 2 Myocardial Infarction. <i>JAMA Cardiology</i> , 2022, 7, 427.	3.0	12
39	Relative hypochromia and mortality in acute heart failure. <i>International Journal of Cardiology</i> , 2019, 286, 104-110.	0.8	11
40	Daytime variation of perioperative myocardial injury in non-cardiac surgery and effect on outcome. <i>Heart</i> , 2019, 105, 826-833.	1.2	11
41	Sex-specific efficacy and safety of cryoballoon versus radiofrequency ablation for atrial fibrillation: An individual patient data meta-analysis. <i>Heart Rhythm</i> , 2020, 17, 1232-1240.	0.3	11
42	Prospective validation of N-terminal pro B-type natriuretic peptide cutoff concentrations for the diagnosis of acute heart failure. <i>European Journal of Heart Failure</i> , 2019, 21, 813-815.	2.9	10
43	Clinical utility of circulating interleukin-6 concentrations in the detection of functionally relevant coronary artery disease. <i>International Journal of Cardiology</i> , 2019, 275, 20-25.	0.8	10
44	Diagnostic value of the cardiac electrical biomarker, a novel ECG marker indicating myocardial injury, in patients with symptoms suggestive of non-ST-elevation myocardial infarction. <i>Annals of Noninvasive Electrocardiology</i> , 2018, 23, e12538.	0.5	9
45	Performance of the ESC 0/2h-algorithm using high-sensitivity cardiac troponin I in the early diagnosis of myocardial infarction. <i>American Heart Journal</i> , 2021, 242, 132-137.	1.2	9
46	Incidence, characteristics, determinants, and prognostic impact of recurrent syncope. <i>Europace</i> , 2020, 22, 1885-1895.	0.7	8
47	Rhabdomyolysis. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2685-2687.	1.2	8
48	Influence of renin-angiotensin-aldosterone system inhibitors on plasma levels of angiotensin-converting enzyme 2. <i>ESC Heart Failure</i> , 2021, 8, 1717-1721.	1.4	8
49	Use of infrared thermography to delineate temperature gradients and critical isotherms during catheter ablation with normal and half normal saline: Implications for safety and efficacy. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 2035-2044.	0.8	8
50	International Validation of the Canadian Syncope Risk Score. <i>Annals of Internal Medicine</i> , 2022, 175, 783-794.	2.0	8
51	Diagnostic value of ST-segment deviations during cardiac exercise stress testing: Systematic comparison of different ECG leads and time-points. <i>International Journal of Cardiology</i> , 2017, 238, 166-172.	0.8	7
52	Circadian, weekly, seasonal, and temperature-dependent patterns of syncope aetiology in patients at increased risk of cardiac syncope. <i>Europace</i> , 2019, 21, 511-521.	0.7	7
53	Early Diagnosis of Myocardial Infarction in Patients With a History of Coronary Artery Bypass Grafting. <i>Journal of the American College of Cardiology</i> , 2019, 74, 587-589.	1.2	7
54	Predicting Acute Myocardial Infarction with a Single Blood Draw. <i>Clinical Chemistry</i> , 2019, 65, 437-450.	1.5	7

#	ARTICLE	IF	CITATIONS
55	Growth differentiation factor-15 and all-cause mortality in patients with suspected myocardial infarction. <i>International Journal of Cardiology</i> , 2019, 292, 241-245.	0.8	7
56	Response by du Fay de Lavallaz et al to Letter Regarding Article, "B-Type Natriuretic Peptides and Cardiac Troponins for Diagnosis and Risk-Stratification of Syncope". <i>Circulation</i> , 2019, 140, e731-e732.	1.6	7
57	Inflammatory Biomarkers and Clinical Judgment in the Emergency Diagnosis of Urgent Abdominal Pain. <i>Clinical Chemistry</i> , 2019, 65, 302-312.	1.5	7
58	Development of an electrocardiogram-based risk calculator for a cardiac cause of syncope. <i>Heart</i> , 2021, 107, 1796-1804.	1.2	7
59	Early standardized clinical judgement for syncope diagnosis in the emergency department. <i>Journal of Internal Medicine</i> , 2021, 290, 728-739.	2.7	6
60	Effect of Acute Coronary Syndrome Probability on Diagnostic and Prognostic Performance of High-Sensitivity Cardiac Troponin. <i>Clinical Chemistry</i> , 2018, 64, 515-525.	1.5	5
61	Sex-specific efficacy and safety of cryoballoon versus radiofrequency ablation for atrial fibrillation: A systematic review and meta-analysis. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 1819-1829.	0.8	5
62	Early kinetics of cardiac troponin in suspected acute myocardial infarction. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, 74, 502-509.	0.4	5
63	Beta-Blocker Use in Hypertension and Heart Failure (A Secondary Analysis of the Systolic Blood) <i>Tj ETQq1 1 0.784314 rgBT /Qverlock</i>	0.7	5
64	Clinical validation of a novel smartwatch for automated detection of atrial fibrillation. <i>Heart Rhythm O2</i> , 2022, 3, 208-210.	0.6	5
65	Automatically computed ECG algorithm for the quantification of myocardial scar and the prediction of mortality. <i>Clinical Research in Cardiology</i> , 2018, 107, 824-835.	1.5	4
66	P1735 Direct comparison of the 0/1h- and 0/3h-algorithm for early rule-out of acute myocardial infarction. <i>European Heart Journal</i> , 2018, 39, .	1.0	4
67	Adherence to the European Society of Cardiology/European Society of Anaesthesiology recommendations on preoperative cardiac testing and association with positive results and cardiac events: a cohort study. <i>British Journal of Anaesthesia</i> , 2021, 127, 376-385.	1.5	4
68	A 0/1h-algorithm using cardiac myosin-binding protein C for early diagnosis of myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2022, 11, 325-335.	0.4	4
69	Echocardiographic predictors of mortality and morbidity in COVID-19 disease using focused cardiovascular ultrasound. <i>IJC Heart and Vasculature</i> , 2022, 39, 100982.	0.6	4
70	3301A novel high-sensitivity cardiac troponin i assay for early diagnosis of acute myocardial infarction. <i>European Heart Journal</i> , 2019, 40, .	1.0	3
71	Incremental value of high-frequency QRS analysis for diagnosis and prognosis in suspected exercise-induced myocardial ischaemia. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 836-847.	0.4	3
72	Diagnostic and prognostic value of ST-segment deviation scores in suspected acute myocardial infarction. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 857-868.	0.4	3

#	ARTICLE	IF	CITATIONS
73	Impact of pre-existing heart failure on 60-day outcomes in patients hospitalized with COVID-19. American Heart Journal Plus, 2021, 4, 100022.	0.3	3
74	Performance of the American Heart Association/American College of Cardiology/Heart Rhythm Society versus European Society of Cardiology Guideline Criteria for Hospital Admission of Patients with Syncope. Heart Rhythm, 2022, , .	0.3	3
75	External Validation of the No Objective Testing Rules in Acute Chest Pain. Journal of the American Heart Association, 2021, 10, e020031.	1.6	2
76	Cin�tica temprana de troponina en pacientes con sospecha de infarto agudo de miocardio. Revista Espanola De Cardiologia, 2021, 74, 502-509.	0.6	2
77	The prognostic value of cardiac troponin for 60 day mortality and major adverse events in COVID-19 patients. Cardiovascular Pathology, 2021, 55, 107374.	0.7	2
78	Association of Previous Myocardial Infarction and Time to Presentation With Suspected Acute Myocardial Infarction. Journal of the American Heart Association, 2021, 10, e017829.	1.6	2
79	Validation of the Canadian syncope risk score in a large prospective international multicenter study. European Heart Journal, 2020, 41, .	1.0	2
80	Hyperdynamic left ventricular ejection fraction is associated with higher mortality in COVID-19 patients. American Heart Journal Plus, 2022, 14, 100134.	0.3	2
81	P2716 Impact of the definition on incidence and prognosis of type 2 myocardial infarction. European Heart Journal, 2017, 38, .	1.0	1
82	P828 Direct comparison of three 0/1h-algorithms for rapid rule-out and rule-in of acute myocardial infarction using one ultra-sensitive and two high-sensitivity cardiac troponin assays. European Heart Journal, 2018, 39, .	1.0	1
83	Time to Diuretic in Acute Heart Failure. JACC: Heart Failure, 2018, 6, 722.	1.9	1
84	In-hospital predictors of 60-day readmission in COVID-19 patients. European Heart Journal, 2021, 42, .	1.0	1
85	P5585 Diagnosis of acute myocardial infarction in patients presenting with left bundle branch block. European Heart Journal, 2017, 38, .	1.0	0
86	P4687 Distinction between type 1 and type 2 acute myocardial infarction. European Heart Journal, 2017, 38, .	1.0	0
87	P453 Prospective Validation of Diagnostic and Prognostic Syncope Scores in the Emergency Department. Europace, 2018, 20, i89-i89.	0.7	0
88	P4462 Daytime variation of perioperative myocardial injury in non-cardiac surgery and its effect on long-term outcome. European Heart Journal, 2018, 39, .	1.0	0
89	P5429 Use and effect of statins in non-cardiac surgery. European Heart Journal, 2018, 39, .	1.0	0
90	P2714 Diagnostic accuracy of a novel ultra-sensitive cardiac troponin I assay compared to high-sensitivity cardiac troponin T and I for the early diagnosis of myocardial infarction. European Heart Journal, 2018, 39, .	1.0	0

#	ARTICLE	IF	CITATIONS
91	P4612 Validation of a score for early discrimination of patients with type 2 myocardial infarction. European Heart Journal, 2018, 39, .	1.0	0
92	P4836 Sex-specific symptoms in the early diagnosis of syncope. European Heart Journal, 2018, 39, .	1.0	0
93	P6461 One-hour rule-out and rule-in of acute myocardial infarction using a novel ultra-sensitive cardiac troponin I assay. European Heart Journal, 2018, 39, .	1.0	0
94	1087 Early Differentiation of Type 1 versus Type 2 Myocardial Infarction. European Heart Journal, 2018, 39, .	1.0	0
95	P1705 Use of high-sensitivity cardiac troponin in patients with known coronary artery disease: insights from two large diagnostic studies. European Heart Journal, 2018, 39, .	1.0	0
96	P6454 Comparing the prognostic value of ultra-sensitive cardiac troponin I versus high-sensitivity cardiac troponin T and I among patients with suspected myocardial infarction. European Heart Journal, 2018, 39, .	1.0	0
97	2409 ALERT-CS - Development of an ECG-based cardiac syncope risk calculator. European Heart Journal, 2019, 40, .	1.0	0
98	3297 Real-world outcome of applying the ESC 0/1-hour algorithm in clinical routine. European Heart Journal, 2019, 40, .	1.0	0
99	P1579 Impact of Renal Dysfunction on Real-world Outcome of the ESC 0/1-hour Algorithm. European Heart Journal, 2019, 40, .	1.0	0
100	Letter by Zimmermann et al Regarding Article, "Duration of Electrocardiographic Monitoring of Emergency Department Patients With Syncope" Circulation, 2019, 140, e652-e653.	1.6	0
101	Prevalence and determinants of exercise-induced left ventricular dysfunction in patients with coronary artery disease. European Journal of Clinical Investigation, 2019, 49, e13112.	1.7	0
102	Perioperative major adverse cardiac events in urgent femoral artery repair after coronary stenting are less common than previously reported. Journal of Vascular Surgery, 2019, 70, 216-223.	0.6	0
103	P6436 Soluble urokinase plasminogen activator receptor and functionally relevant coronary artery disease: a prospective cohort study. European Heart Journal, 2019, 40, .	1.0	0
104	P1765 Hyperacute T-wave in the early diagnosis of acute myocardial infarction. European Heart Journal, 2019, 40, .	1.0	0
105	P3532 Quantifying hemodynamic cardiac stress and cardiomyocyte injury in hypertensive and normotensive acute heart failure. European Heart Journal, 2019, 40, .	1.0	0
106	P5674 Direct comparison of three high-sensitivity cardiac troponins in syncope. European Heart Journal, 2019, 40, .	1.0	0
107	P5673 Combination of high-sensitivity cardiac troponin and B-Type natriuretic peptide (BNP) for diagnosis and risk-stratification of syncope. European Heart Journal, 2019, 40, .	1.0	0
108	P6570 Performance of the early clinical judgement for the diagnosis of syncope on the emergency department. European Heart Journal, 2019, 40, .	1.0	0

#	ARTICLE	IF	CITATIONS
109	P5407 Body-composition analysis of patients with acute heart failure - preliminary results from the SCALE HF trial. <i>European Heart Journal</i> , 2019, 40, .	1.0	0
110	Reply. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2951.	1.2	0
111	3305 Validation of a novel high-sensitivity cardiac troponin i assay for early diagnosis of acute myocardial infarction. <i>European Heart Journal</i> , 2019, 40, .	1.0	0
112	Use of cardiac magnetic resonance imaging and single photon emission computed tomography for the diagnosis of stable coronary artery disease in Switzerland. <i>Swiss Medical Weekly</i> , 2019, 149, w20080.	0.8	0
113	Application of the ESC and AHA guidelines for admission of syncope patients presenting to the ED. <i>European Heart Journal</i> , 2020, 41, .	1.0	0
114	Incidence, characteristics, determinants and prognostic impact of recurrent syncope. <i>European Heart Journal</i> , 2020, 41, .	1.0	0
115	Incidence, characteristics and prognosis of different cardiac etiologies underlying cardiac syncope. <i>European Heart Journal</i> , 2020, 41, .	1.0	0
116	Validation of the FAINT risk score in a large prospective international multicenter study. <i>European Heart Journal</i> , 2020, 41, .	1.0	0
117	Development and validation of an ECG-based cardiac syncope risk calculator. <i>European Heart Journal</i> , 2020, 41, .	1.0	0
118	Prognostic value of H2FPEF score in COVID-19. <i>American Heart Journal Plus</i> , 2022, 13, 100111.	0.3	0
119	Clinical validation of a novel smartwatch for automated detection of atrial fibrillation. <i>Europace</i> , 2022, 24, .	0.7	0