Jeanne du Fay de Lavallaz

List of Publications by Year
in descending order

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	A 0/1h-algorithm using cardiac myosin-binding protein C for early diagnosis of myocardial infarction. European Heart Journal: Acute Cardiovascular Care, 2022, 11, 325-335.	0.4	4
2	Beta-Blocker Use in Hypertension and Heart Failure (A Secondary Analysis of the Systolic Blood) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	0.7	5
3	Clinical validation of a novel smartwatch for automated detection of atrial fibrillation. Heart Rhythm O2, 2022, 3, 208-210.	0.6	5
4	Prognostic value of H2FPEF score in COVID-19. American Heart Journal Plus, 2022, 13, 100111.	0.3	0
5	Characteristics and Outcomes of Type 2 Myocardial Infarction. JAMA Cardiology, 2022, 7, 427.	3.0	12
6	Skeletal Muscle Disorders: A Noncardiac Source of Cardiac Troponin T. Circulation, 2022, 145, 1764-1779.	1.6	38
7	Echocardiographic predictors of mortality and morbidity in COVID-19 disease using focused cardiovascular ultrasound. IJC Heart and Vasculature, 2022, 39, 100982.	0.6	4
8	Hyperdynamic left ventricular ejection fraction is associated with higher mortality in COVID-19 patients. American Heart Journal Plus, 2022, 14, 100134.	0.3	2
9	International Validation of the Canadian Syncope Risk Score. Annals of Internal Medicine, 2022, 175, 783-794.	2.0	8
10	Clinical validation of a novel smartwatch for automated detection of atrial fibrillation. Europace, 2022, 24, .	0.7	0
11	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
12	Early kinetics of cardiac troponin in suspected acute myocardial infarction. Revista Espanola De Cardiologia (English Ed), 2021, 74, 502-509.	0.4	5
13	Influence of reninâ€angiotensinâ€aldosterone system inhibitors on plasma levels of angiotensinâ€converting enzyme 2. ESC Heart Failure, 2021, 8, 1717-1721.	1.4	8
14	Early standardized clinical judgement for syncope diagnosis in the emergency department. Journal of Internal Medicine, 2021, 290, 728-739.	2.7	6
15	External Validation of the No Objective Testing Rules in Acute Chest Pain. Journal of the American Heart Association, 2021, 10, e020031.	1.6	2
16	Admission respiratory status predicts mortality in COVIDâ€19. Influenza and Other Respiratory Viruses, 2021, 15, 569-572.	1.5	42
17	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. Journal of Cardiovascular Electrophysiology, 2021, 32, 2035-2044.	0.8	8
18	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

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19	CinÃ©tica temprana de troponina en pacientes con sospecha de infarto agudo de miocardio. Revista Espanola De Cardiologia, 2021, 74, 502-509.	0.6	2
20	Novel Criteria for the Observe-Zone of the ESC 0/1h-hs-cTnT Algorithm. Circulation, 2021, 144, 773-787.	1.6	25
21	Performance of the ESC 0/2h-algorithm using high-sensitivity cardiac troponin I in the early diagnosis of myocardial infarction. American Heart Journal, 2021, 242, 132-137.	1.2	9
22	Adherence to the European Society of Cardiology/European Society of Anaesthesiology recommendations on preoperative cardiac testing and association with positive results and cardiac events: aÂcohort study. British Journal of Anaesthesia, 2021, 127, 376-385.	1.5	4
23	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
24	Development of an electrocardiogram-based risk calculator for a cardiac cause of syncope. Heart, 2021, 107, 1796-1804.	1.2	7
25	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
26	In-hospital predictors of 60-day readmission in COVID-19 patients. European Heart Journal, 2021, 42, .	1.0	1
27	Incremental value of high-frequency QRS analysis for diagnosis and prognosis in suspected exercise-induced myocardial ischaemia. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 836-847.	0.4	3
28	Incidence, characteristics, determinants, and prognostic impact of recurrent syncope. Europace, 2020, 22, 1885-1895.	0.7	8
29	Rhabdomyolysis. Journal of the American College of Cardiology, 2020, 76, 2685-2687.	1.2	8
30	Using High-Sensitivity Cardiac Troponin for the Exclusion of Inducible Myocardial Ischemia in Symptomatic Patients. Annals of Internal Medicine, 2020, 172, 175.	2.0	14
31	Early Diagnosis of Myocardial Infarction With Point-of-Care High-Sensitivity Cardiac Troponin I. Journal of the American College of Cardiology, 2020, 75, 1111-1124.	1.2	94
32	Sex-specific efficacy and safety of cryoballoon versus radiofrequency ablation for atrial fibrillation: An individual patient data meta-analysis. Heart Rhythm, 2020, 17, 1232-1240.	0.3	11
33	Diagnostic and prognostic value of ST-segment deviation scores in suspected acute myocardial infarction. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 857-868.	0.4	3
34	Validation of the Canadian syncope risk score in a large prospective international multicenter study. European Heart Journal, 2020, 41, .	1.0	2
35	Application of the ESC and AHA guidelines for admission of syncope patients presenting to the ED. European Heart Journal, 2020, 41, .	1.0	0
36	Incidence, characteristics, determinants and prognostic impact of recurrent syncope. European Heart Journal, 2020, 41, .	1.0	0

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37	Incidence, characteristics and prognosis of different cardiac etiologies underlying cardiac syncope. European Heart Journal, 2020, 41, .	1.0	0
38	Validation of the FAINT risk score in a large prospective international multicenter study. European Heart Journal, 2020, 41, .	1.0	0
39	Development and validation of an ECG-based cardiac syncope risk calculator. European Heart Journal, 2020, 41, .	1.0	0
40	Circadian, weekly, seasonal, and temperature-dependent patterns of syncope aetiology in patients at increased risk of cardiac syncope. Europace, 2019, 21, 511-521.	0.7	7
41	Droplet digital PCR of serum miR-499, miR-21 and miR-208a for the detection of functionally relevant coronary artery disease. International Journal of Cardiology, 2019, 275, 129-135.	0.8	14
42	Predicting Major Adverse Events in Patients With Acute Myocardial Infarction. Journal of the American College of Cardiology, 2019, 74, 842-854.	1.2	28
43	Prevalence of Pulmonary Embolism in Patients With Syncope. Journal of the American College of Cardiology, 2019, 74, 744-754.	1.2	26
44	Sexâ€specific efficacy and safety of cryoballoon versus radiofrequency ablation for atrial fibrillation: A systematic review and metaâ€analysis. Journal of Cardiovascular Electrophysiology, 2019, 30, 1819-1829.	0.8	5
45	Early Diagnosis of Myocardial Infarction in Patients With a History of Coronary Artery Bypass Grafting. Journal of the American College of Cardiology, 2019, 74, 587-589.	1.2	7
46	Outcome of Applying the ESC 0/1-hour Algorithm in Patients With Suspected Myocardial Infarction. Journal of the American College of Cardiology, 2019, 74, 483-494.	1.2	126
47	Clinical Utility of Procalcitonin in the Diagnosis of Pneumonia. Clinical Chemistry, 2019, 65, 1532-1542.	1.5	37
48	2409ALERT-CS - Development of an ECG-based cardiac syncope risk calculator. European Heart Journal, 2019, 40, .	1.0	0
49	Predicting Acute Myocardial Infarction with a Single Blood Draw. Clinical Chemistry, 2019, 65, 437-450.	1.5	7
50	3297Real-world outcome of applying the ESC 0/1-hour algorithm in clinical routine. European Heart Journal, 2019, 40, .	1.0	0
51	P1579Impact of Renal Dysfunction on Real-world Outcome of the ESC 0/1-hour Algorithm. European Heart Journal, 2019, 40, .	1.0	0
52	Clinical Use of a New High-Sensitivity Cardiac Troponin I Assay in Patients with Suspected Myocardial Infarction. Clinical Chemistry, 2019, 65, 1426-1436.	1.5	41
53	Two-Hour Algorithm for Rapid Triage of Suspected Acute Myocardial Infarction Using a High-Sensitivity Cardiac Troponin I Assay. Clinical Chemistry, 2019, 65, 1437-1447.	1.5	36
54	Letter by Zimmermann et al Regarding Article, â€œDuration of Electrocardiographic Monitoring of Emergency Department Patients With Syncopeâ€. Circulation, 2019, 140, e652-e653.	1.6	0

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55	Growth differentiation factor-15 and all-cause mortality in patients with suspected myocardial infarction. International Journal of Cardiology, 2019, 292, 241-245.	0.8	7
56	Prospective validation of current quantitative electrocardiographic criteria for ST-elevation myocardial infarction. International Journal of Cardiology, 2019, 292, 1-12.	0.8	27
57	High-Sensitivity Cardiac Troponin I Assay for Early Diagnosis of Acute Myocardial Infarction. Clinical Chemistry, 2019, 65, 893-904.	1.5	59
58	Incidence and outcomes of unstable angina compared with non-ST-elevation myocardial infarction. Heart, 2019, 105, 1423-1431.	1.2	42
59	Prospective validation of Nâ€terminal pro Bâ€type natriuretic peptide cutâ€off concentrations for the diagnosis of acute heart failure. European Journal of Heart Failure, 2019, 21, 813-815.	2.9	10
60	Relative hypochromia and mortality in acute heart failure. International Journal of Cardiology, 2019, 286, 104-110.	0.8	11
61	Prevalence and determinants of exerciseâ€induced left ventricular dysfunction in patients with coronary artery disease. European Journal of Clinical Investigation, 2019, 49, e13112.	1.7	0
62	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
63	B-Type Natriuretic Peptides and Cardiac Troponins for Diagnosis and Risk-Stratification of Syncope. Circulation, 2019, 139, 2403-2418.	1.6	40
64	External Validation of the MEESSI Acute Heart Failure Risk Score. Annals of Internal Medicine, 2019, 170, 248.	2.0	40
65	P6436Soluble urokinase plasminogen activator receptor and functionally relevant coronary artery disease: a prospective cohort study. European Heart Journal, 2019, 40, .	1.0	0
66	P1765Hyperacute T-wave in the early diagnosis of acute myocardial infarction. European Heart Journal, 2019, 40, .	1.0	0
67	P3532Quantifying hemodynamic cardiac stress and cardiomyocyte injury in hypertensive and normotensive acute heart failure. European Heart Journal, 2019, 40, .	1.0	0
68	P5674Direct comparison of three high-sensitivity cardiac troponins in syncope. European Heart Journal, 2019, 40, .	1.0	0
69	P5673Combination 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
70	P6570Performance of the early clinical judgement for the diagnosis of syncope on the emergency department. European Heart Journal, 2019, 40, .	1.0	0
71	3301A novel high-sensitivity cardiac troponin i assay for early diagnosis of acute myocardial infarction. European Heart Journal, 2019, 40, .	1.0	3
72	P5407Body-composition analysis of patients with acute heart failure - preliminary results from the SCALE HF trial. European Heart Journal, 2019, 40, .	1.0	0

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73	Response by du Fay de Lavallaz et al to Letter Regarding Article, â€œB-Type Natriuretic Peptides and Cardiac Troponins for Diagnosis and Risk-Stratification of Syncopeâ€• Circulation, 2019, 140, e731-e732.	1.6	7
74	Reply. Journal of the American College of Cardiology, 2019, 74, 2951.	1.2	0
75	3305Validation of a novel high-sensitivity cardiac troponin i assay for early diagnosis of acute myocardial infarction. European Heart Journal, 2019, 40, .	1.0	0
76	Clinical utility of circulating interleukin-6 concentrations in the detection of functionally relevant coronary artery disease. International Journal of Cardiology, 2019, 275, 20-25.	0.8	10
77	Inflammatory Biomarkers and Clinical Judgment in the Emergency Diagnosis of Urgent Abdominal Pain. Clinical Chemistry, 2019, 65, 302-312.	1.5	7
78	Comparison of fourteen rule-out strategies for acute myocardial infarction. International Journal of Cardiology, 2019, 283, 41-47.	0.8	45
79	Daytime variation of perioperative myocardial injury in non-cardiac surgery and effect on outcome. Heart, 2019, 105, 826-833.	1.2	11
80	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. International Journal of Cardiology, 2019, 277, 8-15.	0.8	18
81	Use of cardiac magnetic resonance imaging and single photon emission computed tomography for the diagnosis of stable coronary artery disease in Switzerland. Swiss Medical Weekly, 2019, 149, w20080.	0.8	0
82	Diagnostic value of the cardiac electrical biomarker, a novel <scp>ECG</scp> marker indicating myocardial injury, in patients with symptoms suggestive of nonâ€<scp>ST</scp>â€elevation myocardial infarction. Annals of Noninvasive Electrocardiology, 2018, 23, e12538.	0.5	9
83	Automatically computed ECG algorithm for the quantification of myocardial scar and the prediction of mortality. Clinical Research in Cardiology, 2018, 107, 824-835.	1.5	4
84	Effect of Acute Coronary Syndrome Probability on Diagnostic and Prognostic Performance of High-Sensitivity Cardiac Troponin. Clinical Chemistry, 2018, 64, 515-525.	1.5	5
85	P453Prospective Validation of Diagnostic and Prognostic Syncope Scores in the Emergency Department. Europace, 2018, 20, i89-i89.	0.7	0
86	Prospective Validation of a Biomarker-Based Rule Out Strategy for Functionally Relevant Coronary Artery Disease. Clinical Chemistry, 2018, 64, 386-395.	1.5	30
87	Perioperative Myocardial Injury After Noncardiac Surgery. Circulation, 2018, 137, 1221-1232.	1.6	337
88	0/1-Hour Triage Algorithm for Myocardial Infarction in Patients With Renal Dysfunction. Circulation, 2018, 137, 436-451.	1.6	110
89	Combining high-sensitivity cardiac troponin and B-type natriuretic peptide in the detection of inducible myocardial ischemia. Clinical Biochemistry, 2018, 52, 33-40.	0.8	13
90	P4462Daytime variation of perioperative myocardial injury in non-cardiac surgery and its effect on long-term outcome. European Heart Journal, 2018, 39, .	1.0	0

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91	P1735Direct comparison of the 0/1h- and 0/3h-algorithm for early rule-out of acute myocardial infarction. European Heart Journal, 2018, 39, .	1.0	4
92	P5429Use and effect of statins in non-cardiac surgery. European Heart Journal, 2018, 39, .	1.0	0
93	P2714Diagnostic 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
94	P828Direct 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
95	P4612Validation of a score for early discrimination of patients with type 2 myocardial infarction. European Heart Journal, 2018, 39, .	1.0	0
96	P4836Sex-specific symptoms in the early diagnosis of syncope. European Heart Journal, 2018, 39, .	1.0	0
97	P6461One-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
98	1087Early Differentiation of Type 1 versus Type 2 Myocardial Infarction. European Heart Journal, 2018, 39, .	1.0	0
99	Rhabdomyolysis. Journal of the American College of Cardiology, 2018, 72, 2936-2937.	1.2	16
100	P1705Use 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
101	P6454Comparing 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
102	Impact of age on the performance of the ESC 0/1h-algorithms for early diagnosis of myocardial infarction. European Heart Journal, 2018, 39, 3780-3794.	1.0	78
103	Clinical Validation of a Novel High-Sensitivity Cardiac Troponin I Assay for Early Diagnosis of Acute Myocardial Infarction. Clinical Chemistry, 2018, 64, 1347-1360.	1.5	110
104	Prospective Validation of the 0/1-h Algorithm for Early Diagnosis of Myocardial Infarction. Journal of the American College of Cardiology, 2018, 72, 620-632.	1.2	147
105	Time to Diuretic in Acute Heart Failure. JACC: Heart Failure, 2018, 6, 722.	1.9	1
106	Prospective validation of prognostic and diagnostic syncope scores in the emergency department. International Journal of Cardiology, 2018, 269, 114-121.	0.8	18
107	Comparison of high-sensitivity cardiac troponin I and T for the prediction of cardiac complications after non-cardiac surgery. American Heart Journal, 2018, 203, 67-73.	1.2	31
108	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. Clinical Chemistry, 2018, 64, 1596-1606.	1.5	19

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109	Direct Comparison of the 0/1h and 0/3h Algorithms for Early Rule-Out of Acute Myocardial Infarction. Circulation, 2018, 137, 2536-2538.	1.6	48
110	Circadian rhythm of cardiac troponin I and its clinical impact on the diagnostic accuracy for acute myocardial infarction. International Journal of Cardiology, 2018, 270, 14-20.	0.8	25
111	Diagnostic and prognostic value of QRS duration and QTc interval in patients with suspected myocardial infarction. Cardiology Journal, 2018, 25, 601-610.	0.5	13
112	Diagnostic value of ST-segment deviations during cardiac exercise stress testing: Systematic comparison of different ECG leads and time-points. International Journal of Cardiology, 2017, 238, 166-172.	0.8	7
113	Effect of Definition on Incidence and Prognosis of Type 2 Myocardial Infarction. Journal of the American College of Cardiology, 2017, 70, 1558-1568.	1.2	94
114	Prohormones in the Early Diagnosis of Cardiac Syncope. Journal of the American Heart Association, 2017, 6, .	1.6	16
115	P5585Diagnosis of acute myocardial infarction in patients presenting with left bundle branch block. European Heart Journal, 2017, 38, .	1.0	0
116	P2716Impact of the definition on incidence and prognosis of type 2 myocardial infarction. European Heart Journal, 2017, 38, .	1.0	1
117	P4687Distinction between type 1 and type 2 acute myocardial infarction. European Heart Journal, 2017, 38, .	1.0	0
118	Clinical Effect of Sex-Specific Cutoff Values of High-Sensitivity Cardiac Troponin T in Suspected Myocardial Infarction. JAMA Cardiology, 2016, 1, 912.	3.0	75
119	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. International Journal of Cardiology, 2016, 207, 238-245.	0.8	85