Yader Sandoval

List of Publications by Year
in descending order

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81 papers	3,517 citations	136885 32 h-index	138417 58 g-index
83 all docs	83 docs citations	83 times ranked	4098 citing authors

#	Article	IF	Citations
1	High-sensitivity cardiac troponin I at presentation in patients with suspected acute coronary syndrome: a cohort study. Lancet, The, 2015, 386, 2481-2488.	6.3	422
2	Cardiac Troponin Assays: Guide to Understanding Analytical Characteristics and Their Impact on Clinical Care. Clinical Chemistry, 2017, 63, 73-81.	1.5	277
3	Type 2 Myocardial Infarction. Journal of the American College of Cardiology, 2019, 73, 1846-1860.	1.2	199
4	Association of High-Sensitivity Cardiac Troponin I Concentration With Cardiac Outcomes in Patients With Suspected Acute Coronary Syndrome. JAMA - Journal of the American Medical Association, 2017, 318, 1913.	3.8	188
5	The Global Need to Define Normality: The 99th Percentile Value of Cardiac Troponin. Clinical Chemistry, 2014, 60, 455-462.	1.5	138
6	Machine Learning to Predict the Likelihood of Acute Myocardial Infarction. Circulation, 2019, 140, 899-909.	1.6	128
7	Supply/Demand Type 2 Myocardial Infarction. Journal of the American College of Cardiology, 2014, 63, 2079-2087.	1.2	123
8	Type 1 and 2 Myocardial Infarction and Myocardial Injury: Clinical Transition to High-Sensitivity Cardiac Troponin I. American Journal of Medicine, 2017, 130, 1431-1439.e4.	0.6	95
9	Patient selection for high sensitivity cardiac troponin testing and diagnosis of myocardial infarction: prospective cohort study. BMJ: British Medical Journal, 2017, 359, j4788.	2.4	92
10	Myocardial Infarction Type 2 and Myocardial Injury. Clinical Chemistry, 2017, 63, 101-107.	1.5	89
11	Cardiac troponin changes to distinguish type 1 and type 2 myocardial infarction and 180-day mortality risk. European Heart Journal: Acute Cardiovascular Care, 2014, 3, 317-325.	0.4	84
12	Myocardial Injury in the Era of High-Sensitivity Cardiac Troponin Assays. JAMA Cardiology, 2019, 4, 1034.	3.0	84
13	Contemporary Arterial Access in the Cardiac Catheterization Laboratory. JACC: Cardiovascular Interventions, 2017, 10, 2233-2241.	1.1	82
14	Sex-Specific 99th Percentile Upper Reference Limits for High Sensitivity Cardiac Troponin Assays Derived Using a Universal Sample Bank. Clinical Chemistry, 2020, 66, 434-444.	1.5	80
15	Incidence, Trends, and Outcomes of Type 2 Myocardial Infarction in a Community Cohort. Circulation, 2020, 141, 454-463.	1.6	77
16	Myocardial Infarction Risk Stratification With a Single Measurement of High-Sensitivity Troponin I. Journal of the American College of Cardiology, 2019, 74, 271-282.	1.2	75
17	Present and Future of Cardiac Troponin in Clinical Practice: A Paradigm Shift to High-Sensitivity Assays. American Journal of Medicine, 2016, 129, 354-365.	0.6	74
18	Incidence, Treatment, and Outcomes of Coronary Perforation During Chronic Total Occlusion Percutaneous Coronary Intervention. American Journal of Cardiology, 2017, 120, 1285-1292.	0.7	66

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19	New Insights Into the Use of the 12-Lead Electrocardiogram for Diagnosing Acute Myocardial Infarction in the Emergency Department. Canadian Journal of Cardiology, 2018, 34, 132-145.	0.8	61
20	Diagnosis of Type 1 and Type 2 Myocardial Infarction Using a High-Sensitivity Cardiac Troponin I Assay with Sex-Specific 99th Percentiles Based on the Third Universal Definition of Myocardial Infarction Classification System. Clinical Chemistry, 2015, 61, 657-663.	1.5	60
21	Renal Dysfunction Influences the Diagnostic and Prognostic Performance of High-Sensitivity Cardiac Troponin I. Journal of the American Society of Nephrology: JASN, 2018, 29, 636-643.	3.0	58
22	Single High-Sensitivity Cardiac Troponin I to Rule Out Acute Myocardial Infarction. American Journal of Medicine, 2017, 130, 1076-1083.e1.	0.6	54
23	Using High-Sensitivity Cardiac Troponin T for Acute Cardiac Care. American Journal of Medicine, 2017, 130, 1358-1365.e1.	0.6	47
24	Prognostic Value of Serial Changes in High-Sensitivity Cardiac Troponin I and T over 3 Months Using Reference Change Values in Hemodialysis Patients. Clinical Chemistry, 2016, 62, 631-638.	1.5	46
25	Rapid Rule-Out of Acute Myocardial Injury Using a Single High-Sensitivity Cardiac Troponin I Measurement. Clinical Chemistry, 2017, 63, 369-376.	1.5	45
26	Prognostic value of 12-lead electrocardiogram and peak troponin I level after vascular surgery. Journal of Vascular Surgery, 2013, 57, 166-172.	0.6	41
27	High-sensitivity cardiac troponin assays and unstable angina. European Heart Journal: Acute Cardiovascular Care, 2018, 7, 120-128.	0.4	41
28	Incidence, predictors, management and outcomes of coronary perforations. Catheterization and Cardiovascular Interventions, 2019, 93, 48-56.	0.7	41
29	Radial Versus Femoral Access in Chronic Total Occlusion Percutaneous Coronary Intervention. Circulation: Cardiovascular Interventions, 2019, 12, e007778.	1.4	40
30	Discordance between ICD-Coded Myocardial Infarction and Diagnosis according to the Universal Definition of Myocardial Infarction. Clinical Chemistry, 2017, 63, 415-419.	1.5	39
31	Diagnostic Performance of High Sensitivity Compared with Contemporary Cardiac Troponin I for the Diagnosis of Acute Myocardial Infarction. Clinical Chemistry, 2017, 63, 1594-1604.	1.5	36
32	The Many Faces of TypeÂ2ÂMyocardialÂInfarction. Journal of the American College of Cardiology, 2017, 70, 1569-1572.	1.2	33
33	Clinical Impact of High-Sensitivity Cardiac Troponin T Implementation in theÂCommunity. Journal of the American College of Cardiology, 2021, 77, 3160-3170.	1.2	33
34	Incidence of Undetectable, Measurable, and Increased Cardiac Troponin I Concentrations Above the 99th Percentile Using a High-Sensitivity vs a Contemporary Assay in Patients Presenting to the Emergency Department. Clinical Chemistry, 2016, 62, 1115-1119.	1.5	29
35	C ardiac R emote I schemic P reconditioning Prior to E lective Vascular S urgery (CRIPES): A Prospective, Randomized, Shamâ€Controlled PhaseÂII Clinical Trial. Journal of the American Heart Association, 2016, 5, .	1.6	28
36	High-Sensitivity Cardiac Troponin T for the Detection of Myocardial Injury and Risk Stratification in COVID-19. Clinical Chemistry, 2021, 67, 1080-1089.	1.5	28

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37	Characteristics and occurrence of type 2 myocardial infarction in emergency department patients: a prospective study. Emergency Medicine Journal, 2018, 35, 169-175.	0.4	23
38	Covered stent implantation through a single 8â€french guide catheter for the management of a distal coronary perforation. Catheterization and Cardiovascular Interventions, 2017, 90, 584-588.	0.7	22
39	Clinical Features and Outcomes of Emergency Department Patients With High-Sensitivity Cardiac Troponin I Concentrations Within Sex-Specific Reference Intervals. Circulation, 2019, 139, 1753-1755.	1.6	22
40	99th Percentile Upper-Reference Limit of Cardiac Troponin and the Diagnosis of Acute Myocardial Infarction. Clinical Chemistry, 2020, 66, 1167-1180.	1.5	22
41	Complete Versus Incomplete Coronary Revascularization of Patients With Multivessel Coronary Artery Disease. Current Treatment Options in Cardiovascular Medicine, 2015, 17, 366.	0.4	21
42	Use of objective evidence of myocardial ischemia to facilitate the diagnostic and prognostic distinction between type 2 myocardial infarction and myocardial injury. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 62-69.	0.4	19
43	Type 2 Myocardial Infarction: Evolving Approaches to Diagnosis and Risk-Stratification. Clinical Chemistry, 2021, 67, 61-69.	1.5	18
44	Evolution of the Crush Technique for Bifurcation Stenting. JACC: Cardiovascular Interventions, 2021, 14, 2315-2326.	1.1	17
45	Risk Estimation in Type 2 Myocardial Infarction and Myocardial Injury: The TARRACO Risk Score. American Journal of Medicine, 2019, 132, 217-226.	0.6	15
46	Implementing High-Sensitivity Cardiac Troponin T in a US Regional Healthcare System. Circulation, 2020, 141, 1937-1939.	1.6	15
47	Rapid Exclusion of Acute Myocardial Injury and Infarction With a Single High-Sensitivity Cardiac Troponin T in the Emergency Department: A Multicenter United States Evaluation. Circulation, 2022, 145, 1708-1719.	1.6	15
48	The effect of targeted temperature management on QT and corrected QT intervals in patients with cardiac arrest. Journal of Critical Care, 2017, 39, 182-184.	1.0	14
49	Acute Pulmonary Embolism: Contemporary Approach to Diagnosis, Risk-Stratification, and Management. International Journal of Angiology, 2019, 28, 100-111.	0.2	13
50	Contemporary Management of Ischemic Mitral Regurgitation: A Review. American Journal of Medicine, 2018, 131, 887-895.	0.6	12
51	ST-segment Elevation, Myocardial Injury, and Suspected or Confirmed COVID-19 Patients: Diagnostic and Treatment Uncertainties. Mayo Clinic Proceedings, 2020, 95, 1107-1111.	1.4	11
52	Diagnostic performance of a rapid, novel, whole blood, point of care high-sensitivity cardiac troponin I assay for myocardial infarction. Clinical Biochemistry, 2022, 105-106, 70-74.	0.8	11
53	Type 2 myocardial infarction. Potential hazards of nomenclature systems: User discretion advised. International Journal of Cardiology, 2015, 179, 373-374.	0.8	9
54	Sleep deprivation in interventional cardiology: Implications for patient care and physicianâ€health. Catheterization and Cardiovascular Interventions, 2018, 91, 905-910.	0.7	9

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55	â€œAround the worldâ€•â€“ How to reach native coronary artery lesions through long and tortuous aortocoronary bypass grafts. Hellenic Journal of Cardiology, 2018, 59, 354-357.	0.4	8
56	Appropriateness of Cardiac Troponin Testing: Insights from the Use of TROPonin In Acute coronary syndromes (UTROPIA) Study. American Journal of Medicine, 2019, 132, 869-874.	0.6	8
57	Type 2 Myocardial Infarction: The Next Frontier. American Journal of Medicine, 2014, 127, e19.	0.6	7
58	The role of rotational atherectomy in contemporary chronic total occlusion percutaneous coronary intervention. Catheterization and Cardiovascular Interventions, 2017, 89, 829-831.	0.7	7
59	Comparison of 0/3-Hour Rapid Rule-Out Strategies Using High-Sensitivity Cardiac Troponin I in a US Emergency Department. Circulation: Cardiovascular Quality and Outcomes, 2020, 13, e006565.	0.9	7
60	Completeness of revascularization in multivessel coronary artery disease. Journal of Thoracic Disease, 2016, 8, E1493-E1496.	0.6	6
61	Passions and Realities of Training in Cardiology. Journal of the American College of Cardiology, 2016, 67, 112-115.	1.2	6
62	Major adverse cardiovascular events after diagnosis of myocardial injury and types 1 and 2 myocardial infarction. European Heart Journal: Acute Cardiovascular Care, 2022, 11, 546-557.	0.4	6
63	The Elevated High-Sensitivity Cardiac Troponin T Pilot. Mayo Clinic Proceedings, 2021, 96, 2366-2375.	1.4	5
64	Clinical use of cardiac troponin for acute cardiac care and emerging opportunities in the outpatient setting. Minerva Medica, 2019, 110, 139-156.	0.3	5
65	Impact of sleep deprivation on the outcomes of percutaneous coronary intervention. Catheterization and Cardiovascular Interventions, 2018, 92, 1118-1125.	0.7	4
66	Letter by Sandoval et al Regarding Article, â€œDesigning a Better Mousetrap: Reflections on the November 28, 2017, US Food and Drug Administration Meeting on Next-Generation â€œHigh-Sensitivityâ€• Cardiac Troponin Assays to Diagnose Myocardial Infarctionâ€• Circulation, 2019, 139, 562-563.	1.6	3
67	Incidence and Prognostic Impact of Infection in Patients with Type 1 and 2 Myocardial Infarction. Clinical Chemistry, 2020, 66, 1240-1241.	1.5	3
68	Rapid Identification of Patients at High Risk for Acute Myocardial Infarction Using a Single High-Sensitivity Cardiac Troponin I Measurement. Clinical Chemistry, 2020, 66, 620-622.	1.5	3
69	The Need to Develop Clinical Guidance for the Use of High-Sensitivity Cardiac Troponin in Pediatric and Neonatal Patients. Clinical Chemistry, 2022, 68, 884-886.	1.5	3
70	Let's talk about change, cardiac troponin deltas: A step in the right direction. International Journal of Cardiology, 2013, 168, 4407-4408.	0.8	2
71	Refining the Diagnosis of Type 2 Myocardial Infarction. JAMA Cardiology, 2017, 2, 106.	3.0	2
72	Raising the Bar for Clinical Cardiac Troponin Research Studies and Implementation Science. Circulation, 2021, 143, 2225-2228.	1.6	2

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73	High-Sensitivity Troponin T Testing for Pediatric Patients in the Emergency Department. Pediatric Cardiology, 2022, 43, 350-359.	0.6	2
74	Appendicitis presenting as cardiac tamponade. Journal of Thoracic and Cardiovascular Surgery, 2013, 146, 228.	0.4	1
75	Ongoing Challenges with Type 2 Myocardial Infarction. American Journal of Medicine, 2016, 129, e155.	0.6	1
76	Editorial commentary: Improving our understanding of type 2 myocardial infarction and myocardial injury. Trends in Cardiovascular Medicine, 2017, 27, 418-419.	2.3	1
77	Single Coronary Artery Anomaly in a Woman With Acute ST-Segment Elevation Myocardial Infarction. JACC: Case Reports, 2020, 2, 69-71.	0.3	1
78	Differentiating aortic fibrosarcoma from acute intramural hematoma. Journal of Thoracic and Cardiovascular Surgery, 2012, 143, e7-e8.	0.4	0
79	Regarding â€œThe effect of postoperative myocardial ischemia on long-term survival after vascular surgeryâ€• Journal of Vascular Surgery, 2014, 59, 1474.	0.6	0
80	Preventing and treating coronary perforations: Lessons from disaster management. Catheterization and Cardiovascular Interventions, 2017, 89, 973-975.	0.7	0
81	Reply. American Journal of Cardiology, 2017, 120, e73-e74.	0.7	0