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 Troponin T Testing for Pediatric Patients in the Emergency Department. Pediatric Cardiology, 2022, 43, 350-359.	0.6	2
2	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
3	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
4	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
5	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
6	Type 2 Myocardial Infarction: Evolving Approaches to Diagnosis and Risk-Stratification. Clinical Chemistry, 2021, 67, 61-69.	1.5	18
7	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
8	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
9	Raising the Bar for Clinical Cardiac Troponin Research Studies and Implementation Science. Circulation, 2021, 143, 2225-2228.	1.6	2
10	The Elevated High-Sensitivity Cardiac Troponin T Pilot. Mayo Clinic Proceedings, 2021, 96, 2366-2375.	1.4	5
11	Evolution of the Crush Technique for Bifurcation Stenting. JACC: Cardiovascular Interventions, 2021, 14, 2315-2326.	1.1	17
12	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
13	Incidence, Trends, and Outcomes of Type 2 Myocardial Infarction in a Community Cohort. Circulation, 2020, 141, 454-463.	1.6	77
14	Incidence and Prognostic Impact of Infection in Patients with Type 1 and 2 Myocardial Infarction. Clinical Chemistry, 2020, 66, 1240-1241.	1.5	3
15	99th Percentile Upper-Reference Limit of Cardiac Troponin and the Diagnosis of Acute Myocardial Infarction. Clinical Chemistry, 2020, 66, 1167-1180.	1.5	22
16	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
17	Implementing High-Sensitivity Cardiac Troponin T in a US Regional Healthcare System. Circulation, 2020, 141, 1937-1939.	1.6	15
18	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

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19	Single Coronary Artery Anomaly in a Woman With Acute ST-Segment Elevation Myocardial Infarction. JACC: Case Reports, 2020, 2, 69-71.	0.3	1
20	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
21	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
22	Acute Pulmonary Embolism: Contemporary Approach to Diagnosis, Risk-Stratification, and Management. International Journal of Angiology, 2019, 28, 100-111.	0.2	13
23	Myocardial Injury in the Era of High-Sensitivity Cardiac Troponin Assays. JAMA Cardiology, 2019, 4, 1034.	3.0	84
24	Machine Learning to Predict the Likelihood of Acute Myocardial Infarction. Circulation, 2019, 140, 899-909.	1.6	128
25	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
26	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
27	Radial Versus Femoral Access in Chronic Total Occlusion Percutaneous Coronary Intervention. Circulation: Cardiovascular Interventions, 2019, 12, e007778.	1.4	40
28	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
29	Type 2 Myocardial Infarction. Journal of the American College of Cardiology, 2019, 73, 1846-1860.	1.2	199
30	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
31	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
32	Incidence, predictors, management and outcomes of coronary perforations. Catheterization and Cardiovascular Interventions, 2019, 93, 48-56.	0.7	41
33	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
34	Contemporary Management of Ischemic Mitral Regurgitation: A Review. American Journal of Medicine, 2018, 131, 887-895.	0.6	12
35	Impact of sleep deprivation on the outcomes of percutaneous coronary intervention. Catheterization and Cardiovascular Interventions, 2018, 92, 1118-1125.	0.7	4
36	High-sensitivity cardiac troponin assays and unstable angina. European Heart Journal: Acute Cardiovascular Care, 2018, 7, 120-128.	0.4	41

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37	Sleep deprivation in interventional cardiology: Implications for patient care and physicianâ€health. Catheterization and Cardiovascular Interventions, 2018, 91, 905-910.	0.7	9
38	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
39	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
40	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
41	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
42	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
43	The role of rotational atherectomy in contemporary chronic total occlusion percutaneous coronary intervention. Catheterization and Cardiovascular Interventions, 2017, 89, 829-831.	0.7	7
44	Preventing and treating coronary perforations: Lessons from disaster management. Catheterization and Cardiovascular Interventions, 2017, 89, 973-975.	0.7	0
45	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
46	Single High-Sensitivity Cardiac Troponin I to Rule Out Acute Myocardial Infarction. American Journal of Medicine, 2017, 130, 1076-1083.e1.	0.6	54
47	Editorial commentary: Improving our understanding of type 2 myocardial infarction and myocardial injury. Trends in Cardiovascular Medicine, 2017, 27, 418-419.	2.3	1
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	Cardiac Troponin Assays: Guide to Understanding Analytical Characteristics and Their Impact on Clinical Care. Clinical Chemistry, 2017, 63, 73-81.	1.5	277
50	Myocardial Infarction Type 2 and Myocardial Injury. Clinical Chemistry, 2017, 63, 101-107.	1.5	89
51	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
52	Using High-Sensitivity Cardiac Troponin T for Acute Cardiac Care. American Journal of Medicine, 2017, 130, 1358-1365.e1.	0.6	47
53	The Many Faces of TypeÂ2ÂMyocardialÂInfarction. Journal of the American College of Cardiology, 2017, 70, 1569-1572.	1.2	33
54	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

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55	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
56	Contemporary Arterial Access in the Cardiac Catheterization Laboratory. JACC: Cardiovascular Interventions, 2017, 10, 2233-2241.	1.1	82
57	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
58	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
59	Reply. American Journal of Cardiology, 2017, 120, e73-e74.	0.7	0
60	Refining the Diagnosis of Type 2 Myocardial Infarction. JAMA Cardiology, 2017, 2, 106.	3.0	2
61	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
62	Completeness of revascularization in multivessel coronary artery disease. Journal of Thoracic Disease, 2016, 8, E1493-E1496.	0.6	6
63	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
64	Ongoing Challenges with Type 2 Myocardial Infarction. American Journal of Medicine, 2016, 129, e155.	0.6	1
65	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
66	Passions and Realities of Training in Cardiology. Journal of the American College of Cardiology, 2016, 67, 112-115.	1.2	6
67	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
68	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
69	Type 2 myocardial infarction. Potential hazards of nomenclature systems: User discretion advised. International Journal of Cardiology, 2015, 179, 373-374.	0.8	9
70	Complete Versus Incomplete Coronary Revascularization of Patients With Multivessel Coronary Artery Disease. Current Treatment Options in Cardiovascular Medicine, 2015, 17, 366.	0.4	21
71	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
72	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

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73	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
74	Supply/Demand Type 2 Myocardial Infarction. Journal of the American College of Cardiology, 2014, 63, 2079-2087.	1.2	123
75	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
76	The Global Need to Define Normality: The 99th Percentile Value of Cardiac Troponin. Clinical Chemistry, 2014, 60, 455-462.	1.5	138
77	Type 2 Myocardial Infarction: The Next Frontier. American Journal of Medicine, 2014, 127, e19.	0.6	7
78	Appendicitis presenting as cardiac tamponade. Journal of Thoracic and Cardiovascular Surgery, 2013, 146, 228.	0.4	1
79	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
80	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
81	Differentiating aortic fibrosarcoma from acute intramural hematoma. Journal of Thoracic and Cardiovascular Surgery, 2012, 143, e7-e8.	0.4	0