

Aldo Clerico

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,641
citations

304743

22
h-index

302126

39
g-index

54
all docs

54
docs citations

54
times ranked

1756
citing authors

#	ARTICLE	IF	CITATIONS
1	Thirty years of the heart as an endocrine organ: physiological role and clinical utility of cardiac natriuretic hormones. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H12-H20.	3.2	165
2	The paradox of low BNP levels in obesity. <i>Heart Failure Reviews</i> , 2012, 17, 81-96.	3.9	119
3	The calculation of the cardiac troponin T 99th percentile of the reference population is affected by age, gender, and population selection: A multicenter study in Italy. <i>Clinica Chimica Acta</i> , 2015, 438, 376-381.	1.1	80
4	Cardiac biomarker testing in the clinical laboratory: Where do we stand? General overview of the methodology with special emphasis on natriuretic peptides. <i>Clinica Chimica Acta</i> , 2015, 443, 17-24.	1.1	75
5	State of the art of BNP and NT-proBNP immunoassays: The CardioOrmoCheck study. <i>Clinica Chimica Acta</i> , 2012, 414, 112-119.	1.1	72
6	Comparison of Brain Natriuretic Peptide (BNP) and Amino-Terminal ProBNP for Early Diagnosis of Heart Failure. <i>Clinical Chemistry</i> , 2007, 53, 1289-1297.	3.2	71
7	The 99th percentile of reference population for cTnI and cTnT assay: methodology, pathophysiology and clinical implications. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 1634-1651.	2.3	63
8	Clinical relevance of biological variation: the lesson of brain natriuretic peptide (BNP) and NT-proBNP assay. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006, 44, 366-78.	2.3	57
9	Head-to-head comparison of plasma cTnI concentration values measured with three high-sensitivity methods in a large Italian population of healthy volunteers and patients admitted to emergency department with acute coronary syndrome: A multi-center study. <i>Clinica Chimica Acta</i> , 2019, 496, 25-34.	1.1	52
10	Cardiovascular biomarkers: increasing impact of laboratory medicine in cardiology practice. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008, 46, 748-63.	2.3	48
11	Chapter 1 High-Sensitivity Troponin. <i>Advances in Clinical Chemistry</i> , 2009, , 1-30.	3.7	47
12	Evaluation of analytical performance of immunoassay methods for cTnI and cTnT: From theory to practice. <i>Advances in Clinical Chemistry</i> , 2019, 93, 239-262.	3.7	46
13	Acute Effects of Amiodarone Administration on Thyroid Function in Patients with Cardiac Arrhythmia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 275-280.	3.6	44
14	Effect of Coronary Atherosclerosis and Myocardial Ischemia on Plasma Levels of High-Sensitivity Troponin T and NT-proBNP in Patients With Stable Angina. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 757-764.	2.4	42
15	Evidence on clinical relevance of cardiovascular risk evaluation in the general population using cardio-specific biomarkers. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 79-90.	2.3	42
16	Evaluation of analytical performance of a new high-sensitivity immunoassay for cardiac troponin I. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 492-501.	2.3	36
17	Clinical relevance of biological variation of cardiac troponins. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 641-652.	2.3	36
18	A multicenter study for the evaluation of the reference interval for TSH in Italy (ELAS TSH Italian) Tj ETQq0 0 0 rgBT /Q Overlock 10 Tf 50 6	2.3	35

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19	Evaluation of the analytical performance of a new ADVIA immunoassay using the Centaur XPT platform system for the measurement of cardiac troponin I. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, e229-e231.	2.3	32
20	Gene silencing of endothelial von Willebrand Factor attenuates angiotensin II-induced endothelin-1 expression in porcine aortic endothelial cells. <i>Scientific Reports</i> , 2016, 6, 30048.	3.3	29
21	Revisiting the obesity paradox in heart failure: Per cent body fat as predictor of biomarkers and outcome. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 1751-1759.	1.8	28
22	Cardiac troponins as biomarkers for cardiac disease. <i>Biomarkers in Medicine</i> , 2019, 13, 325-330.	1.4	28
23	State of the art of aldosterone immunoassays. A multicenter collaborative study on the behalf of the Cardiovascular Biomarkers Study Group of the Italian Section of European Society of Ligand Assay (ELAS) and Societ� Italiana di Biochimica Clinica (SIBIOC). <i>Clinica Chimica Acta</i> , 2015, 444, 106-112.	1.1	22
24	Biotin interference on immunoassay methods: sporadic cases or hidden epidemic?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 777-779.	2.3	22
25	Natriuretic Peptides in Heart Failure. <i>Clinical Chemistry</i> , 2014, 60, 1040-1046.	3.2	21
26	The underestimated issue of non-reproducible cardiac troponin I and T results: case series and systematic review of the literature. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1201-1211.	2.3	21
27	New issues on measurement of B-type natriuretic peptides. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 56, 32-39.	2.3	20
28	Re-appraisal of the obesity paradox in heart failure: a meta-analysis of individual data. <i>Clinical Research in Cardiology</i> , 2021, 110, 1280-1291.	3.3	20
29	High-sensitivity methods for cardiac troponins: The mission is not over yet. <i>Advances in Clinical Chemistry</i> , 2021, 103, 215-252.	3.7	19
30	Acute Effects of Amiodarone Administration on Thyroid Function in Patients with Cardiac Arrhythmia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 275-280.	3.6	19
31	A Black Swan in clinical laboratory practice: the analytical error due to interferences in immunoassay methods. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 397-402.	2.3	18
32	Evaluation of reproducibility of the cTnT immunoassay using quality control samples. <i>Clinica Chimica Acta</i> , 2019, 495, 269-270.	1.1	18
33	N-terminal pro-B-type natriuretic peptide is a marker of vascular remodelling and subclinical atherosclerosis in asymptomatic hypertensives. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 366-376.	1.8	16
34	High-sensitivity troponins for outcome prediction in the general population: a systematic review and meta-analysis. <i>European Journal of Internal Medicine</i> , 2022, 98, 61-68.	2.2	15
35	Cardiac biomarkers and risk assessment in patients undergoing major non-cardiac surgery: time to revise the guidelines?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, 959-63.	2.3	14
36	The combined measurement of high-sensitivity cardiac troponins and natriuretic peptides: a useful tool for clinicians?. <i>Journal of Cardiovascular Medicine</i> , 2020, 21, 953-963.	1.5	14

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37	ANMCO/ELAS/SIBioC Consensus Document: biomarkers in heart failure. <i>European Heart Journal Supplements</i> , 2017, 19, D102-D112.	0.1	13
38	Evaluation of analytical performance of a chemiluminescence enzyme immunoassay (CLEIA) for cTnI using the automated AIA-CL2400 platform. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, e174-e176.	2.3	12
39	Percentile transformation and recalibration functions allow harmonization of thyroid-stimulating hormone (TSH) immunoassay results. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 1663-1672.	2.3	12
40	High-sensitivity assay for cardiac troponins with POCT methods. The future is soon. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1477-1478.	2.3	11
41	Cardiac troponins: are there any differences between T and I?. <i>Journal of Cardiovascular Medicine</i> , 2021, 22, 797-805.	1.5	11
42	Usefulness of High-Sensitive Troponin Elevation After Effort Stress to Unveil Vulnerable Myocardium in Patients With Heart Failure. <i>American Journal of Cardiology</i> , 2015, 116, 567-572.	1.6	9
43	Evaluation of pathophysiological relationships between renin-angiotensin and ACE-ACE2 systems in cardiovascular disorders: from theory to routine clinical practice in patients with heart failure. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2021, 58, 530-545.	6.1	9
44	High-sensitivity troponin: a new tool for pathophysiological investigation and clinical practice. <i>Advances in Clinical Chemistry</i> , 2009, 49, 1-30.	3.7	9
45	Use of high-sensitivity cardiac troponins in the emergency department for the early rule-in and rule-out of acute myocardial infarction without persistent ST-segment elevation (NSTEMI) in Italy. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, .	2.3	9
46	Time-course of circulating cardiac and inflammatory biomarkers after Ventricular Assist Device implantation: Comparison between paediatric and adult patients. <i>Clinica Chimica Acta</i> , 2018, 486, 88-93.	1.1	8
47	High-sensitivity cardiac troponin I and T methods for the early detection of myocardial injury in patients on chemotherapy. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 513-521.	2.3	8
48	The effects of a 50 km ultramarathon race on high sensitivity cardiac troponin I and NT-proBNP in highly trained athletes. <i>Minerva Cardioangiologica</i> , 2020, 68, 305-312.	1.2	6
49	Recommendations for the clinical use of cardiac natriuretic peptides. <i>Italian Heart Journal: Official Journal of the Italian Federation of Cardiology</i> , 2005, 6, 430-46.	0.1	5
50	Natriuretic Peptides and Troponins to Predict Cardiovascular Events in Patients Undergoing Major Non-Cardiac Surgery. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5182.	2.6	5
51	Early evaluation of myocardial injury by means of high-sensitivity methods for cardiac troponins after strenuous and prolonged exercise. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 60, 1297-1305.	0.7	4
52	Natriuretic peptides. D'où venons-nous? Que sommes-nous? OÙ allons-nous?. <i>International Journal of Cardiology</i> , 2018, 254, 256-257.	1.7	2
53	Association of Circulating Heme Oxygenase-1, Lipid Profile and Coronary Disease Phenotype in Patients with Chronic Coronary Syndrome. <i>Antioxidants</i> , 2021, 10, 2002.	5.1	2
54	Race/ethnicity and plasma NT-proBNP in black and white individuals: How it matters. <i>International Journal of Cardiology</i> , 2019, 286, 164-165.	1.7	0