

# Silvia Masotti

## List of Publications by Citations

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**Version:** 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42  
papers

616  
citations

17  
h-index

23  
g-index

47  
ext. papers

786  
ext. citations

4.3  
avg, IF

3.6  
L-index

#	Paper	IF	Citations
42	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> , <b>2015</b> , 438, 376-81	6.2	62
41	The 99th percentile of reference population for cTnI and cTnT assay: methodology, pathophysiology and clinical implications. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2017</b> , 55, 1634-1651	5.9	50
40	Plasma cardiac troponin I concentrations in healthy neonates, children and adolescents measured with a high sensitive immunoassay method: High sensitive troponin I in pediatric age. <i>Clinica Chimica Acta</i> , <b>2016</b> , 458, 68-71	6.2	40
39	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> , <b>2019</b> , 496, 25-34	6.2	32
38	Evaluation of analytical performance of a new high-sensitivity immunoassay for cardiac troponin I. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 56, 492-501	5.9	30
37	State of the art of immunoassay methods for B-type natriuretic peptides: An update. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>2015</b> , 52, 56-69	9.4	26
36	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> , <b>2018</b> , 56, e229-e231	5.9	25
35	Systematic differences between BNP immunoassays: comparison of methods using standard protocols and quality control materials. <i>Clinica Chimica Acta</i> , <b>2013</b> , 424, 287-91	6.2	25
34	A multicenter study for the evaluation of the reference interval for TSH in Italy (ELAS TSH Italian Study). <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 57, 259-267	5.9	23
33	Evaluation of 99th percentile and reference change values of a high-sensitivity cTnI method: A multicenter study. <i>Clinica Chimica Acta</i> , <b>2019</b> , 493, 156-161	6.2	22
32	Pilot study on harmonization of cardiac troponin I immunoassays using patients and quality control plasma samples. On behalf of the Italian Section of the European Ligand Assay Society (ELAS) and of the Study Group on Cardiovascular Biomarkers of the Societ�Italiana di Biochimica Clinica (SIBIOC). <i>Clinica Chimica Acta</i> , <b>2016</b> , 456, 42-48	6.2	22
31	Evaluation of analytical performance of immunoassay methods for cTnI and cTnT: From theory to practice. <i>Advances in Clinical Chemistry</i> , <b>2019</b> , 93, 239-262	5.8	21
30	Cardiac troponins as biomarkers for cardiac disease. <i>Biomarkers in Medicine</i> , <b>2019</b> , 13, 325-330	2.3	20
29	Harmonization protocols for TSH immunoassays: a multicenter study in Italy. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2017</b> , 55, 1722-1733	5.9	18
28	Cardiac Troponin T: Only Small Molecules in Recreational Runners After Marathon Completion. <i>Journal of applied laboratory medicine</i> , <b>2019</b> , 3, 909-911	2	18
27	Traditional and new candidate cardiac biomarkers assessed before, early, and late after half marathon in trained subjects. <i>European Journal of Applied Physiology</i> , <b>2018</b> , 118, 411-417	3.4	17
26	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> , <b>2015</b> , 444, 106-12	6.2	17

25	Evaluation of 99th percentile and reference change values of the hs-cTnI method using ADVIA Centaur XPT platform: A multicenter study. <i>Clinica Chimica Acta</i> , <b>2019</b> , 495, 161-166	6.2	16
24	Evaluation of reference change values for a hs-cTnI immunoassay using both plasma samples of healthy subjects and patients and quality control samples. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2019</b> , 57, e241-e243	5.9	13
23	Evaluation of reproducibility of the cTnT immunoassay using quality control samples. <i>Clinica Chimica Acta</i> , <b>2019</b> , 495, 269-270	6.2	12
22	Monocytes/macrophages activation contributes to b-gamma-glutamyltransferase accumulation inside atherosclerotic plaques. <i>Journal of Translational Medicine</i> , <b>2015</b> , 13, 325	8.5	12
21	Cardiac molecular markers of programmed cell death are activated in end-stage heart failure patients supported by left ventricular assist device. <i>Cardiovascular Pathology</i> , <b>2014</b> , 23, 272-82	3.8	10
20	Evaluation of analytical performance and comparison of clinical results of the new generation method AccuTnI+3 for the measurement of cardiac troponin I using both patients and quality control plasma samples. <i>Clinica Chimica Acta</i> , <b>2015</b> , 451, 129-34	6.2	10
19	Comparison between BNP values measured in capillary blood samples with a POCT method and those measured in plasma venous samples with an automated platform. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2015</b> , 53, e125-7	5.9	9
18	Harmonization of two hs-cTnI methods based on recalibration of measured quality control and clinical samples. <i>Clinica Chimica Acta</i> , <b>2020</b> , 510, 150-156	6.2	9
17	Multicenter evaluation of the new immunoassay method for TSH measurement using the automated DxI platform. <i>Clinica Chimica Acta</i> , <b>2017</b> , 468, 105-110	6.2	8
16	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> , <b>2018</b> , 56, e174-e176	5.9	8
15	Evaluation of analytical performance of a novel immunoenzymometric assay for cTnI. <i>Clinica Chimica Acta</i> , <b>2013</b> , 416, 48-9	6.2	6
14	Amyloid Deposits and Fibrosis on Left Ventricular Endomyocardial Biopsy Correlate With Extracellular Volume in Cardiac Amyloidosis. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e020358	6	6
13	Clinical implications of a recent adjustment to the high-sensitivity cardiac troponin T assay: some results. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2014</b> , 52, e21-3	5.9	4
12	Discrepancy between FLC assays: only a problem of quantification?. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2016</b> , 54, 1111-3	5.9	4
11	The combined measurement of high-sensitivity cardiac troponins and natriuretic peptides: a useful tool for clinicians?. <i>Journal of Cardiovascular Medicine</i> , <b>2020</b> , 21, 953-963	1.9	3
10	Evaluation of 99th percentile value of a chemiluminescence enzyme immunoassay (CLEIA) for cTnI using the automated AIA-CL2400 platform. <i>Clinica Chimica Acta</i> , <b>2019</b> , 496, 45-47	6.2	2
9	Time-course of circulating cardiac and inflammatory biomarkers after Ventricular Assist Device implantation: Comparison between paediatric and adult patients. <i>Clinica Chimica Acta</i> , <b>2018</b> , 486, 88-93	6.2	2
8	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> , <b>2020</b> , 60, 1297-1305	1.4	2

7	Evaluation and Comparison with Other High-Sensitivity Methods of Analytical Performance and Measured Values of a New Laboratory Test for Cardiac Troponin I Assay. <i>Journal of applied laboratory medicine, The</i> , <b>2021</b> , 6, 1237-1250	2	2
6	Pathophysiological mechanisms determining sex differences in circulating levels of cardiac natriuretic peptides and cardiac troponins. <i>Journal of Laboratory and Precision Medicine</i> , <b>2019</b> , 4, 8-8	1.1	2
5	Evaluation of analytical performances using standardized analytical protocols and comparison of clinical results of the new ADVIA BNP and NT-proBNP immunoassays for the Centaur XPT platform. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2019</b> , 57, 911-917	5.9	2
4	Myocardial salvage is increased after sympathetic renal denervation in a pig model of acute infarction. <i>Clinical Research in Cardiology</i> , <b>2021</b> , 110, 711-724	6.1	1
3	Renin profiling predicts neurohormonal response to sacubitril/valsartan. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 719-724	3.7	1
2	Patients with cardiac amyloidosis have a greater neurohormonal activation than those with non-amyloidotic heart failure. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , <b>2021</b> , 1-7	2.7	1
1	Discharge FGF23 level predicts one year outcome in patients admitted with acute heart failure. <i>International Journal of Cardiology</i> , <b>2021</b> , 336, 98-104	3.2	0