

Davide Giavarina

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

5,028
citations

201575

27
h-index

95218

68
g-index

116
all docs

116
docs citations

116
times ranked

8618
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding Bland Altman analysis. <i>Biochimica Medica</i> , 2015, 25, 141-151.	1.2	2,511
2	Preanalytical quality improvement: from dream to reality. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 1113-26.	1.4	256
3	TSH receptor autoantibody immunoassay in patients with Graves' disease: Improvement of diagnostic accuracy over different generations of methods. Systematic review and meta-analysis. <i>Autoimmunity Reviews</i> , 2012, 12, 107-113.	2.5	150
4	Are anti-nucleosome antibodies a better diagnostic marker than anti-dsDNA antibodies for systemic lupus erythematosus? A systematic review and a study of metanalysis. <i>Autoimmunity Reviews</i> , 2012, 12, 97-106.	2.5	119
5	Overview on self-monitoring of blood glucose. <i>Clinica Chimica Acta</i> , 2009, 402, 7-13.	0.5	105
6	Multicenter evaluation of the hemolysis index in automated clinical chemistry systems. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009, 47, 934-9.	1.4	103
7	Estimating Mean Pulmonary Wedge Pressure in Patients With Chronic Atrial Fibrillation From Transthoracic Doppler Indexes of Mitral and Pulmonary Venous Flow Velocity. <i>Journal of the American College of Cardiology</i> , 1997, 30, 19-26.	1.2	98
8	Diagnostic accuracy of combined cardiac troponin and copeptin assessment for early rule-out of myocardial infarction: a systematic review and meta-analysis. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2014, 3, 18-27.	0.4	98
9	Recommendations for detection and management of unsuitable samples in clinical laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007, 45, 728-36.	1.4	92
10	Serum paraoxonase activity is decreased in uremic patients. <i>Clinica Chimica Acta</i> , 1996, 247, 71-80.	0.5	89
11	Preoperative Renal Functional Reserve Predicts Risk of Acute Kidney Injury After Cardiac Operation. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1094-1101.	0.7	80
12	Diagnostic accuracy of enzyme-linked immunosorbent assays (ELISA) to detect anti-skin autoantibodies in autoimmune blistering skin diseases: A systematic review and meta-analysis. <i>Autoimmunity Reviews</i> , 2012, 12, 121-126.	2.5	69
13	Aged-related increase of high sensitive Troponin T and its implication in acute myocardial infarction diagnosis of elderly patients. <i>Mechanisms of Ageing and Development</i> , 2012, 133, 300-305.	2.2	64
14	Blood venous sample collection: Recommendations overview and a checklist to improve quality. <i>Clinical Biochemistry</i> , 2017, 50, 568-573.	0.8	57
15	Total laboratory automation: Do stat tests still matter?. <i>Clinical Biochemistry</i> , 2017, 50, 605-611.	0.8	55
16	Persistent decrease of renal functional reserve in patients after cardiac surgery-associated acute kidney injury despite clinical recovery. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 308-317.	0.4	54
17	Hypovitaminosis D as Predisposing Factor for Atrophic Type A Gastritis: a Caseâ€“Control Study and Review of the Literature on the Interaction of Vitamin D with the Immune System. <i>Clinical Reviews in Allergy and Immunology</i> , 2012, 42, 355-364.	2.9	51
18	Current understanding and future directions in the application of TIMP-2 and IGFBP7 in AKI clinical practice. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 567-576.	1.4	48

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19	Mineral Metabolism in Obese Children. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1988, 77, 741-746.	0.7	47
20	Reference interval of D-dimer in pregnant women. <i>Clinical Biochemistry</i> , 2001, 34, 331-333.	0.8	44
21	Reference range of hemolysis index in serum and lithium-heparin plasma measured with two analytical platforms in a population of unselected outpatients. <i>Clinica Chimica Acta</i> , 2014, 429, 143-146.	0.5	44
22	Tissue inhibitor metalloproteinase-2 (TIMP-2) & IGF-binding protein-7 (IGFBP7) levels are associated with adverse outcomes in patients in the intensive care unit with acute kidney injury. <i>Kidney International</i> , 2019, 95, 1486-1493.	2.6	44
23	Determination of reference interval for presepsin, an early marker for sepsis. <i>Biochemia Medica</i> , 2015, 25, 64-68.	1.2	36
24	National survey on critical values reporting in a cohort of Italian laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007, 45, 1411-3.	1.4	33
25	Cerebrospinal fluid analysis and the determination of oligoclonal bands. <i>Neurological Sciences</i> , 2017, 38, 217-224.	0.9	30
26	Elevated Levels of Procalcitonin and Interleukin-6 are Linked with Postoperative Complications in Cardiac Surgery. <i>Scandinavian Journal of Surgery</i> , 2017, 106, 318-324.	1.3	30
27	Predicting Acute Kidney Injury in Intensive Care Unit Patients: The Role of Tissue Inhibitor of Metalloproteinases-2 and Insulin-Like Growth Factor-Binding Protein-7 Biomarkers. <i>Blood Purification</i> , 2018, 45, 270-277.	0.9	28
28	Presepsin and Procalcitonin Levels as Markers of Adverse Postoperative Complications and Mortality in Cardiac Surgery Patients. <i>Blood Purification</i> , 2019, 47, 140-148.	0.9	25
29	Routine Adoption of TIMP2 and IGFBP7 Biomarkers in Cardiac Surgery for Early Identification of Acute Kidney Injury. <i>International Journal of Artificial Organs</i> , 2017, 40, 714-718.	0.7	22
30	Comparison of estimated glomerular filtration rate (eGFR) using the MDRD and CKD-EPI equations for CKD screening in a large population. <i>Clinical Nephrology</i> , 2010, 74, 358-363.	0.4	22
31	Definition of Reference Limits for Autoantibodies to Thyroid Peroxidase and Thyroglobulin in a Large Population of Outpatients Using an Indirect Method Based on Current Data. <i>Archives of Pathology and Laboratory Medicine</i> , 2008, 132, 1924-1928.	1.2	20
32	Improvements and limits of anti SARS-CoV-2 antibodies assays by WHO (NIBSC 20/136) standardization. <i>Diagnosis</i> , 2022, 9, 274-279.	1.2	20
33	Systematical assessment of serum indices does not impair efficiency of clinical chemistry testing: A multicenter study. <i>Clinical Biochemistry</i> , 2013, 46, 1281-1284.	0.8	18
34	Performance of the automated and rapid HemosIL D-Dimer HS on the ACL TOP analyzer. <i>Blood Coagulation and Fibrinolysis</i> , 2008, 19, 817-821.	0.5	17
35	Identification of Protein Tyrosine Phosphatase Receptor Gamma Extracellular Domain (sPTPRG) as a Natural Soluble Protein in Plasma. <i>PLoS ONE</i> , 2015, 10, e0119110.	1.1	17
36	National survey on the pre-analytical variability in a representative cohort of Italian laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006, 44, 1491-4.	1.4	16

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37	Laboratory testing in the emergency department: an Italian Society of Clinical Biochemistry and Clinical Molecular Biology (SIBioC) and Academy of Emergency Medicine and Care (AcEMC) consensus report. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 1655-1659.	1.4	16
38	Analytical Assessment of the New Roche Cobas t 711 Fully Automated Coagulation Analyzer. <i>Seminars in Thrombosis and Hemostasis</i> , 2019, 45, 308-314.	1.5	16
39	The Role of Erythrocytes in the Deperoxidative Processes in People on Hemodialysis. <i>ASAIO Journal</i> , 1996, 42, M890-894.	0.9	15
40	Subclinical Contrast-Induced Acute Kidney Injury in Patients Undergoing Cerebral Computed Tomography. <i>CardioRenal Medicine</i> , 2020, 10, 125-136.	0.7	14
41	Clinical adoption of Nephrocheck [®] in the early detection of acute kidney injury. <i>Annals of Clinical Biochemistry</i> , 2021, 58, 6-15.	0.8	14
42	Indirect Methods for Reference Intervals Based on Current Data. <i>Clinical Chemistry</i> , 2006, 52, 335-337.	1.5	13
43	Procalcitonin and Interleukin-6 Levels: Are They Useful Biomarkers in Cardiac Surgery Patients?. <i>Blood Purification</i> , 2017, 43, 290-297.	0.9	13
44	Urinary [TIMP-2] and [IGFBP7] and serum procalcitonin to predict and assess the risk for short-term outcomes in septic and non-septic critically ill patients. <i>Annals of Intensive Care</i> , 2020, 10, 46.	2.2	13
45	Low volume tubes can be effective to reduce the rate of hemolyzed specimens from the emergency department. <i>Clinical Biochemistry</i> , 2014, 47, 688-689.	0.8	11
46	Copeptin levels and kidney function in ADPKD: case-control study. <i>Clinical Nephrology</i> , 2016, 86, 147-153.	0.4	11
47	Copeptin and high sensitive troponin for a rapid rule out of acute myocardial infarction?. <i>Clinical Laboratory</i> , 2011, 57, 725-30.	0.2	11
48	Stat laboratory testing: integration or autonomy?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010, 48, 927-930.	1.4	10
49	Statin Therapy Is Associated with Decreased Small, Dense Low-Density Lipoprotein Levels in Patients Undergoing Peritoneal Dialysis. <i>Contributions To Nephrology</i> , 2012, 178, 111-115.	1.1	10
50	Routine Adoption of Urinary [IGFBP7] and [TIMP-2] to Assess Acute Kidney Injury at Any Stage 12 hours After Intensive Care Unit Admission: a Prospective Cohort Study. <i>Scientific Reports</i> , 2019, 9, 16484.	1.6	10
51	Comparison of methods to identify individuals at increased risk of cardiovascular disease in Italian cohorts. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2007, 17, 311-318.	1.1	9
52	Neutrophil Gelatinase-Associated Lipocalin in the Early Diagnosis of Peritonitis: The Case of Neutrophil Gelatinase-Associated Lipocalin. <i>Contributions To Nephrology</i> , 2012, 178, 258-263.	1.1	9
53	Development and validation of quick Acute Kidney Injury-score (q-AKI) to predict acute kidney injury at admission to a multidisciplinary intensive care unit. <i>PLoS ONE</i> , 2019, 14, e0217424.	1.1	9
54	Monitoring high-dose heparin levels by ACT and HMT during extracorporeal circulation: diagnostic accuracy of three compact monitors. <i>Perfusion (United Kingdom)</i> , 2002, 17, 23-26.	0.5	8

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55	Analytical comparison of AxSYM, HemosIL DD HS and Innovance D-dimer immunoassays with the Vidas D-dimer. <i>International Journal of Laboratory Hematology</i> , 2009, 31, 475-477.	0.7	8
56	A comparison of three commercial platforms for urinary NGAL in critically ill adults. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, 353-62.	1.4	8
57	Academy of Emergency Medicine and Care-Society of Clinical Biochemistry and Clinical Molecular Biology consensus recommendations for clinical use of sepsis biomarkers in the emergency department. <i>Emergency Care Journal</i> , 2017, 13, .	0.2	8
58	Clinical Implications of the New Equation to Estimate Glomerular Filtration Rate. <i>Nephron</i> , 2021, 145, 508-512.	0.9	8
59	Anti SARS-CoV-2 antibodies monitoring in a group of residents in a long term care facility during COVID-19 pandemic peak. <i>Diagnosis</i> , 2020, 7, 395-400.	1.2	8
60	External Quality Assessment of Stat Test Intralaboratory Turnaround Times. Pilot Study from the Members of the Working Group for the Standardization and Promotion of Turnaround Time Control under the Auspices of the Comitato Italiano per la Standardizzazione dei Metodi Ematologici e di Laboratorio. <i>Clinical Chemistry and Laboratory Medicine</i> , 1998, 36, 867-70.	1.4	7
61	Evaluation of BD Vacutainer® PST ₂ tubes for a wide range of immunoassays. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009, 47, 237-41.	1.4	7
62	Error rates during blood collection in emergency departments and outpatient clinics: Results of a prospective multicenter study. <i>Clinica Chimica Acta</i> , 2015, 445, 91-92.	0.5	7
63	Clinical impact of citrate-containing tubes on the detection of glucose abnormalities by the oral glucose tolerance test. <i>Diagnosis</i> , 2019, 6, 377-383.	1.2	7
64	The Role of NGAL in Peritoneal Dialysis Effluent in Early Diagnosis of Peritonitis: Case-Control Study in Peritoneal Dialysis Patients. <i>Peritoneal Dialysis International</i> , 2015, 35, 559-565.	1.1	6
65	Acute rejection in kidney transplantation and the evaluation of associated polymorphisms (SNPs): the importance of sample size. <i>Diagnosis</i> , 2019, 6, 287-295.	1.2	6
66	Comparison of Anti-SARS-CoV-2 S1 Receptor-Binding Domain Antibody Immunoassays in Health Care Workers Before and After the BNT162b2 mRNA Vaccine. <i>American Journal of Clinical Pathology</i> , 2022, 157, 212-218.	0.4	6
67	Subclinical AKI and Clinical Outcomes in Elderly Patients Undergoing Cardiac Surgery: Diagnostic Utility of NGAL versus Standard Creatinine Increase Criteria. <i>CardioRenal Medicine</i> , 2022, 12, 94-105.	0.7	6
68	Method Comparison of Automated Systems for the Erythrocyte Sedimentation Rate. <i>American Journal of Clinical Pathology</i> , 1999, 112, 721-722.	0.4	5
69	Heart-Kidney Biomarkers in Patients Undergoing Cardiac Stress Testing. <i>International Journal of Nephrology</i> , 2011, 2011, 1-8.	0.7	5
70	Neutrophil Gelatinase-Associated Lipocalin in Peritoneal Effluent: Evaluation in Peritoneal Dialysis Patients in Basal Condition. <i>Peritoneal Dialysis International</i> , 2013, 33, 379-381.	1.1	5
71	New Option for the Treatment of Hyperbilirubinemia: <i>In Vitro</i> Direct Hemoperfusion with the Lixelle S-35. <i>International Journal of Artificial Organs</i> , 2014, 37, 816-823.	0.7	5
72	Multicenter Comparison of Seven 25Oh Vitamin D Automated Immunoassays / MulticentriÄno PoreÄenje Sedam Automatizovanih Imunoeseja Za 25Oh Vitamin D. <i>Journal of Medical Biochemistry</i> , 2015, 34, 344-350.	0.7	5

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73	Internal quality control for erythrocyte sedimentation rate measured by TEST-1 Analyzer. <i>Clinical Laboratory</i> , 2002, 48, 459-62.	0.2	5
74	Decision limit for troponin I on ADVIA:Centaur and evaluation of the analytical precision at low concentrations. <i>Clinical Laboratory</i> , 2003, 49, 251-3.	0.2	5
75	Fasting plasma glucose and diabetes diagnosis. <i>Clinica Chimica Acta</i> , 1996, 252, 209-213.	0.5	4
76	Differences of prostate-specific antigen assays: a small light at the end of the tunnel?. <i>Annals of Clinical Biochemistry</i> , 2006, 43, 420-421.	0.8	4
77	Laboratory testing in the emergency department: An Italian Society of Clinical Biochemistry and Clinical Molecular Biology (SIBioC) and Academy of Emergency Medicine and Care (AcEMC) consensus report. <i>Emergency Care Journal</i> , 2017, 13, .	0.2	4
78	Quality in point of care testing. <i>Biochemia Medica</i> , 0, , 200-206.	1.2	4
79	Clinical Assessment of Continuous Hemodialysis with the Medium Cutoff EMICÂ2 Membrane in Patients with Septic Shock. <i>Blood Purification</i> , 2022, 51, 912-922.	0.9	4
80	Monomeric Calcitonin Secretion in Infants with Congenital Hypothyroidism. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1989, 78, 885-888.	0.7	3
81	Bleeding Tendency and Patient Interview: Usefulness for Surgery Screening. <i>Archives of Internal Medicine</i> , 1996, 156, 1475.	4.3	3
82	Indirect estimation of pediatric Health Related Limits for serum thyrotropin using the ADVIAÂCentaur,¢ analyzer. <i>Clinical Biochemistry</i> , 2007, 40, 1143-1149.	0.8	3
83	An electronic thesaurus of Evidence Based Laboratory Medicine hematological and biochemical diagnostic tests. <i>International Journal of Laboratory Hematology</i> , 2009, 31, 544-551.	0.7	3
84	Interchangeability and diagnostic accuracy of two assays for total and free prostate-specific antigen: two not always related items. <i>International Journal of Biological Markers</i> , 2007, 22, 154-158.	0.7	3
85	Length of erythrocyte sedimentation rate (ESR) adjusted for the hematocrit: reference values for the TEST 1 method. <i>Clinical Laboratory</i> , 2006, 52, 241-5.	0.2	3
86	Effects of preoperative high-oral protein loading on short- and long-term renal outcomes following cardiac surgery: a cohort study. <i>Journal of Translational Medicine</i> , 2022, 20, 204.	1.8	3
87	Age-Related Correlations between Weight and Lipoprotein(a) Concentrations. <i>Clinical Chemistry</i> , 1992, 38, 1386-1386.	1.5	2
88	Anti-TPO and anti-thyroglobulin antibodies or anti-TPO antibodies alone?. <i>Clinical Endocrinology</i> , 1997, 46, 235-236.	1.2	2
89	Difference Plots and Mountain Plots Are Useful also in Comparing CA 125 Immunoassay Systems Manufactured by the same Company. <i>Clinical Chemistry and Laboratory Medicine</i> , 1998, 36, 497.	1.4	2
90	Thromboembolic neurologic events in patients with antiphospholipid-antibody syndrome. <i>Italian Journal of Neurological Sciences</i> , 1999, 20, 71-72.	0.1	2

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91	Multicenter Comparison of Four Contemporary Sensitive Troponin Immunoassays. <i>Journal of Medical Biochemistry</i> , 2014, 33, 271-277.	0.7	2
92	<i>Blood Biochemistry</i> , 2019, , 320-322.e1.		2
93	Plasma glucose sampling using lyophilized citrate tubes: impact on the diagnosis of gestational diabetes mellitus. <i>Diabetic Medicine</i> , 2021, 38, e14422.	1.2	2
94	Gadolinium-based contrast media exposure and the possible risk of subclinical kidney damage: a pilot study. <i>International Urology and Nephrology</i> , 2021, 53, 1883-1889.	0.6	2
95	Tools for critical appraisal of evidence in studies of diagnostic accuracy. <i>Autoimmunity Reviews</i> , 2012, 12, 89-96.	2.5	1
96	Harmonization of contemporary-sensitive troponin I immunoassays: calibration may only be a part of the problem. <i>Rivista Italiana Della Medicina Di Laboratorio</i> , 2014, 10, 108.	0.2	1
97	Influence of patients' clinical features at intensive care unit admission on performance of cell cycle arrest biomarkers in predicting acute kidney injury. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 333-342.	1.4	1
98	Glucose meters: What's the laboratory reference glucose?. <i>Journal of Medical Biochemistry</i> , 2019, 39, 32-39.	0.7	1
99	Expert system for interpretation of water and electrolyte laboratory data. <i>Analytica Chimica Acta</i> , 1989, 223, 269-276.	2.6	0
100	Latex Kits for Detection of Rotavirus. <i>American Journal of Clinical Pathology</i> , 1989, 92, 254-254.	0.4	0
101	COPEPTIN IN CKD. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, iii35-iii36.	0.4	0
102	Su0043IS COPEPTIN A SPECIFIC MARKER OF CKD IN ADPKD PATIENTS?. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, iii63-iii63.	0.4	0
103	SP072PROGNOSTIC VALUE OF PRESEPSIN IN PREDICTING ADVERSE RENAL OUTCOMES AND DEATH IN CARDIOSURGICAL PATIENTS. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, iii403-iii403.	0.4	0
104	Access to scientific information. A national survey of the Italian Society of Clinical Biochemistry and Laboratory Medicine (SIBioC). <i>Diagnosis</i> , 2016, 3, 129-134.	1.2	0
105	Automatic immunofixation on the Interlab G26 EasyFix system: Analysis of workflows and benefits. <i>Clinica Chimica Acta</i> , 2019, 493, S520.	0.5	0
106	Performance of erythropoietin assay on ADVIA Centaur and on Atellica systems. <i>Clinica Chimica Acta</i> , 2019, 493, S24.	0.5	0
107	Evaluation of STA ^{NeoPTimal} , an extraction thromboplastin reagent with ISI close to 1. <i>International Journal of Laboratory Hematology</i> , 2021, 43, 311-317.	0.7	0
108	Prospective serological evaluation of anti SARS-CoV-2 IgG and anti S1-RBD antibodies in a community outbreak. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, e322-e325.	1.4	0

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109	Urinary Neutrophil Gelatinase-Associated Lipocalin (uNGAL) in High Altitude: A Case Study. Journal of Diabetes & Metabolism, 2014, 05, .	0.2	0
110	Noncalibration as a source of precision in cholesterol testing?. Archives of Pathology and Laboratory Medicine, 1991, 115, 861.	1.2	0
111	Neutrophil Gelatinase-Associated Lipocalin (NGAL) in Peritoneal Dialytic Effluent: Preliminary Results on the Comparison between Two Different Methods in Patients with and without Peritonitis. Applied Sciences (Switzerland), 2022, 12, 5092.	1.3	0