Federica Braga

List of Publications by Citations

64 papers	1,413 citations	20 h-index	35 g-index
66 ext. papers	1,741 ext. citations	5.1 avg, IF	5.11 L-index

#	Paper	IF	Citations
64	Serum human epididymis protein 4 vs carbohydrate antigen 125 for ovarian cancer diagnosis: a systematic review. *Journal of Clinical Pathology*, **2013**, 66, 273-81	3.9	112
63	The Biological Variation Data Critical Appraisal Checklist: A Standard for Evaluating Studies on Biological Variation. *Clinical Chemistry*, **2018**, 64, 501-514	5.5	104
62	Hyperuricemia as risk factor for coronary heart disease incidence and mortality in the general population: a systematic review and meta-analysis. *Clinical Chemistry and Laboratory Medicine*, **2016** , 54, 7-15	5.9	93
61	A checklist for critical appraisal of studies of biological variation. *Clinical Chemistry and Laboratory Medicine*, **2015**, 53, 879-85	5.9	89
60	Soluble transferrin receptor (sTfR) and sTfR/log ferritin index for the diagnosis of iron-deficiency anemia. A meta-analysis. *American Journal of Clinical Pathology*, **2012**, 138, 642-9	1.9	72
59	Generation of data on within-subject biological variation in laboratory medicine: An update. *Critical Reviews in Clinical Laboratory Sciences*, **2016**, 53, 313-25	9.4	59
58	A systematic review of data on biological variation for alanine aminotransferase, aspartate aminotransferase and □glutamyl transferase. *Clinical Chemistry and Laboratory Medicine*, **2013**, 51, 1997-2007	5.9	52
57	Verification of in vitro medical diagnostics (IVD) metrological traceability: responsibilities and strategies. *Clinica Chimica Acta*, **2014**, 432, 55-61	6.2	49
56	Revaluation of biological variation of glycated hemoglobin (HbA(1c)) using an accurately designed protocol and an assay traceable to the IFCC reference system. *Clinica Chimica Acta*, **2011**, 412, 1412-6	6.2	42
55	Biological variability of glycated hemoglobin. *Clinica Chimica Acta*, **2010**, 411, 1606-10	6.2	42
54	Performance criteria for combined uncertainty budget in the implementation of metrological traceability. *Clinical Chemistry and Laboratory Medicine*, **2015**, 53, 905-12	5.9	40
53	Laboratory medicine in the new healthcare environment. *Clinical Chemistry and Laboratory Medicine* , **2016**, 54, 523-33	5.9	35
52	Biological variation of neuroendocrine tumor markers chromogranin A and neuron-specific enolase. *Clinical Biochemistry*, **2013**, 46, 148-51	3.5	35
51	Progress and impact of enzyme measurement standardization. *Clinical Chemistry and Laboratory Medicine*, **2017**, 55, 334-340	5.9	30
50	Soluble transferrin receptor in complicated anemia. *Clinica Chimica Acta*, **2014**, 431, 143-7	6.2	29
49	Biologic variability of C-reactive protein: is the available information reliable?. *Clinica Chimica Acta*, **2012**, 413, 1179-83	6.2	28
48	The utility of measurement uncertainty in medical laboratories. *Clinical Chemistry and Laboratory Medicine*, **2020**, 58, 1407-1413	5.9	26

47	Harmonization initiatives in the generation, reporting and application of biological variation data. *Clinical Chemistry and Laboratory Medicine*, **2018**, 56, 1629-1636	5.9	24
46	Pre-analytical and analytical aspects affecting clinical reliability of plasma glucose results. *Clinical Biochemistry*, **2017**, 50, 587-594	3.5	21
45	Role and Responsibilities of Laboratory Medicine Specialists in the Verification OF Metrological Traceability of Medical Diagnostics. *Journal of Medical Biochemistry*, **2015**, 34, 282-287	1.9	21
44	Is the accuracy of serum albumin measurements suitable for clinical application of the test?. *Clinica Chimica Acta*, **2011**, 412, 791-2	6.2	20
43	Systematic review and meta-analysis of within-subject and between-subject biological variation estimates of 20 haematological parameters. *Clinical Chemistry and Laboratory Medicine*, **2019**, 58, 25-32	5.9	19
42	Standardization and analytical goals for glycated hemoglobin measurement. *Clinical Chemistry and Laboratory Medicine*, **2013**, 51, 1719-26	5.9	19
41	The importance of individual biology in the clinical use of serum biomarkers for ovarian cancer. *Clinical Chemistry and Laboratory Medicine*, **2014**, 52, 1625-31	5.9	19
40	Commutability of reference and control materials: an essential factor for assuring the quality of measurements in Laboratory Medicine. *Clinical Chemistry and Laboratory Medicine*, **2019**, 57, 967-973	5.9	17
39	Biological variation data for lipid cardiovascular risk assessment biomarkers. A systematic review applying the biological variation data critical appraisal checklist (BIVAC). *Clinica Chimica Acta*, **2019**, 495, 467-475	6.2	16
38	The role of external quality assessment in the verification of in vitro medical diagnostics in the traceability era. *Clinical Biochemistry*, **2018**, 57, 23-28	3.5	16
37	Implementation of metrological traceability in laboratory medicine: where we are and what is missing. *Clinical Chemistry and Laboratory Medicine*, **2020**, 58, 1200-1204	5.9	15
36	Defining permissible limits for the combined uncertainty budget in the implementation of metrological traceability. *Clinical Biochemistry*, **2018**, 57, 7-11	3.5	15
35	Biological variation of free light chains in serum. *Clinica Chimica Acta*, **2013**, 415, 10-1	6.2	15
34	Verification of Harmonization of Serum Total and Free Prostate-Specific Antigen (PSA) Measurements and Implications for Medical Decisions. *Clinical Chemistry*, **2021**, 67, 543-553	5.5	15
33	Evaluation of the trueness of serum alkaline phosphatase measurement in a group of Italian laboratories. *Clinical Chemistry and Laboratory Medicine*, **2017**, 55, e47-e50	5.9	14
32	Serum Fetoprotein in pediatric oncology: not a childrens tale. *Clinical Chemistry and Laboratory Medicine*, **2019**, 57, 783-797	5.9	14
31	Inside ST-elevation myocardial infarction by monitoring concentrations of cardiovascular risk biomarkers in blood. *Clinica Chimica Acta*, **2012**, 413, 888-93	6.2	13
30	Standardization and analytical goals for glycated hemoglobin measurement. *Clinical Chemistry and Laboratory Medicine*, **2013**, 51,	5.9	13

29	Hemoglobin, bilirubin, and lipid interference on Roche Cobas 6000 assays. *Clinica Chimica Acta*, **2012**, 413, 339-41; author reply 342-3	6.2	11
28	The internal quality control in the traceability era. *Clinical Chemistry and Laboratory Medicine*, **2020**, 59, 291-300	5.9	11
27	Performance specifications for measurement uncertainty of common biochemical measurands according to Milan models. *Clinical Chemistry and Laboratory Medicine*, **2021**,	5.9	11
26	Measurement of Serum Neuron-Specific Enolase in Neuroblastoma: Is There a Clinical Role?. *Clinical Chemistry*, **2020**, 66, 667-675	5.5	9
25	Analytical validation of a highly sensitive point-of-care system for cardiac troponin I determination. *Clinical Chemistry and Laboratory Medicine*, **2019**, 58, 138-145	5.9	9
24	Measurement of icteric index as approach to detect abnormal total bilirubin values. *Journal of Clinical Pathology*, **2013**, 66, 1095-7	3.9	9
23	A new robust statistical model for interpretation of differences in serial test results from an individual. *Clinical Chemistry and Laboratory Medicine*, **2015**, 53, 815-22	5.9	8
22	Biologic variation of copper, ceruloplasmin and copper/ceruloplasmin ratio (Cu:Cp) in serum. *Clinica Chimica Acta*, **2013**, 415, 295-6	6.2	8
21	Impact of implementation of the high-sensitivity cardiac troponin T assay in a university hospital setting. *Clinical Chemistry*, **2011**, 57, 1211-2	5.5	8
20	Derivation of performance specifications for uncertainty of serum C-reactive protein measurement according to the Milan model 3 (state of the art). *Clinical Chemistry and Laboratory Medicine*, **2020**, 58, e263-e265	5.9	8
19	A study of biological and lifestyle factors, including within-subject variation, affecting concentrations of growth differentiation factor 15 in serum. *Clinical Chemistry and Laboratory Medicine*, **2019**, 57, 1035-1043	5.9	8
18	Estimate of intraindividual variability of C-reactive protein: a challenging issue. *Clinica Chimica Acta*, **2013**, 419, 85-6	6.2	7
17	Commutability of the ERM-DA470k reference material for two assays measuring serum albumin using immunochemical principles. *Clinical Chemistry and Laboratory Medicine*, **2011**, 49, 1383-1384	5.9	7
16	Critical review and meta-analysis of biological variation estimates for tumor markers.. *Clinical Chemistry and Laboratory Medicine*, **2022**,	5.9	6
15	Critical appraisal and meta-analysis of biological variation estimates for kidney related analytes. *Clinical Chemistry and Laboratory Medicine*, **2020**,	5.9	6
14	More on the accuracy of the Architect enzymatic assay for hemoglobin A1c and its traceability to the IFCC reference system. *Clinical Chemistry and Laboratory Medicine*, **2016**, 54, e71-3	5.9	5
13	Definition of analytical quality specifications for serum total folate measurements using a simulation outcome-based model. *Clinical Chemistry and Laboratory Medicine*, **2020**, 58, e66-e68	5.9	5
12	Trueness Evaluation and Verification of Interassay Agreement of 11 Serum IgA Measuring Systems: Implications for Medical Decisions. *Clinical Chemistry*, **2019**, 65, 473-483	5.5	5

11	Biological Variation of Cardiac Troponins in Health and Disease: A Systematic Review and Meta-analysis. *Clinical Chemistry*, **2021**, 67, 256-264	5.5	5
10	Trueness evaluation and verification of inter-assay agreement of serum folate measuring systems. *Clinical Chemistry and Laboratory Medicine*, **2020**, 58, 1697-1705	5.9	3
9	Improving measurement uncertainty of plasma electrolytes: a complex but not impossible task. *Clinical Chemistry and Laboratory Medicine*, **2021**, 59, e129-e132	5.9	3
8	Biological variation estimates of thyroid related measurands meta-analysis of BIVAC compliant studies. *Clinical Chemistry and Laboratory Medicine*, **2021**,	5.9	3
7	Prognostic role of Krebs von den Lungen-6 (KL-6) measurement in idiopathic pulmonary fibrosis: a systematic review and meta-analysis. *Clinical Chemistry and Laboratory Medicine*, **2021**, 59, 1400-1408	5.9	3
6	Systematic review and meta-analysis of within-subject and between-subject biological variation estimates of serum Zinc, Copper and Selenium. *Clinical Chemistry and Laboratory Medicine*, **2021**,	5.9	3
5	Optimizing Available Tools for Achieving Result Standardization: Value Added by Joint Committee on Traceability in Laboratory Medicine (JCTLM). *Clinical Chemistry*, **2021**, 67, 1590-1605	5.5	3
4	Measurement imprecision of common urinary biochemical analytes on the Roche Cobas 6000 system. *Clinical Chemistry and Laboratory Medicine*, **2013**, 51, e175-7	5.9	1
3	Biological variation of two serum markers for preeclampsia prediction. *Clinical Chemistry and Laboratory Medicine*, **2020**, 58, e27-e28	5.9	1
2	Reply to: Hyperuricemia does not seem to be an independent risk factor for coronary heart disease. *Clinical Chemistry and Laboratory Medicine*, **2018**, 56, e63-e64	5.9	1
1	Biological variation of serum cholinesterase catalytic concentrations.. *Clinical Chemistry and Laboratory Medicine*, **2022**,	5.9	0