

# Federica Braga

## List of Publications by Year in Descending Order

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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.

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	Critical review and meta-analysis of biological variation estimates for tumor markers.. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2022</b> ,	5.9	6
63	Biological variation of serum cholinesterase catalytic concentrations.. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2022</b> ,	5.9	0
62	Improving measurement uncertainty of plasma electrolytes: a complex but not impossible task. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2021</b> , 59, e129-e132	5.9	3
61	Biological variation estimates of thyroid related measurands – meta-analysis of BIVAC compliant studies. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2021</b> ,	5.9	3
60	Performance specifications for measurement uncertainty of common biochemical measurands according to Milan models. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2021</b> ,	5.9	11
59	Prognostic role of Krebs von den Lungen-6 (KL-6) measurement in idiopathic pulmonary fibrosis: a systematic review and meta-analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2021</b> , 59, 1400-1408	5.9	3
58	Verification of Harmonization of Serum Total and Free Prostate-Specific Antigen (PSA) Measurements and Implications for Medical Decisions. <i>Clinical Chemistry</i> , <b>2021</b> , 67, 543-553	5.5	15
57	Biological Variation of Cardiac Troponins in Health and Disease: A Systematic Review and Meta-analysis. <i>Clinical Chemistry</i> , <b>2021</b> , 67, 256-264	5.5	5
56	Systematic review and meta-analysis of within-subject and between-subject biological variation estimates of serum Zinc, Copper and Selenium. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2021</b> ,	5.9	3
55	Optimizing Available Tools for Achieving Result Standardization: Value Added by Joint Committee on Traceability in Laboratory Medicine (JCTLM). <i>Clinical Chemistry</i> , <b>2021</b> , 67, 1590-1605	5.5	3
54	Measurement of Serum Neuron-Specific Enolase in Neuroblastoma: Is There a Clinical Role?. <i>Clinical Chemistry</i> , <b>2020</b> , 66, 667-675	5.5	9
53	Implementation of metrological traceability in laboratory medicine: where we are and what is missing. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 58, 1200-1204	5.9	15
52	The utility of measurement uncertainty in medical laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 58, 1407-1413	5.9	26
51	Trueness evaluation and verification of inter-assay agreement of serum folate measuring systems. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 58, 1697-1705	5.9	3
50	The internal quality control in the traceability era. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 59, 291-300	5.9	11
49	Derivation of performance specifications for uncertainty of serum C-reactive protein measurement according to the Milan model 3 (state of the art). <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 58, e263-e265	5.9	8
48	Critical appraisal and meta-analysis of biological variation estimates for kidney related analytes. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> ,	5.9	6

47	Definition of analytical quality specifications for serum total folate measurements using a simulation outcome-based model. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 58, e66-e68	5.9	5
46	Biological variation of two serum markers for preeclampsia prediction. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2020</b> , 58, e27-e28	5.9	1
45	Systematic review and meta-analysis of within-subject and between-subject biological variation estimates of 20 haematological parameters. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2019</b> , 58, 25-32	5.9	19
44	Biological variation data for lipid cardiovascular risk assessment biomarkers. A systematic review applying the biological variation data critical appraisal checklist (BIVAC). <i>Clinica Chimica Acta</i> , <b>2019</b> , 495, 467-475	6.2	16
43	Commutability of reference and control materials: an essential factor for assuring the quality of measurements in Laboratory Medicine. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2019</b> , 57, 967-973	5.9	17
42	Analytical validation of a highly sensitive point-of-care system for cardiac troponin I determination. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2019</b> , 58, 138-145	5.9	9
41	A study of biological and lifestyle factors, including within-subject variation, affecting concentrations of growth differentiation factor 15 in serum. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2019</b> , 57, 1035-1043	5.9	8
40	Trueness Evaluation and Verification of Interassay Agreement of 11 Serum IgA Measuring Systems: Implications for Medical Decisions. <i>Clinical Chemistry</i> , <b>2019</b> , 65, 473-483	5.5	5
39	Serum Hefetoprotein in pediatric oncology: not a children's tale. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2019</b> , 57, 783-797	5.9	14
38	The role of external quality assessment in the verification of in vitro medical diagnostics in the traceability era. <i>Clinical Biochemistry</i> , <b>2018</b> , 57, 23-28	3.5	16
37	Harmonization initiatives in the generation, reporting and application of biological variation data. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 56, 1629-1636	5.9	24
36	Defining permissible limits for the combined uncertainty budget in the implementation of metrological traceability. <i>Clinical Biochemistry</i> , <b>2018</b> , 57, 7-11	3.5	15
35	The Biological Variation Data Critical Appraisal Checklist: A Standard for Evaluating Studies on Biological Variation. <i>Clinical Chemistry</i> , <b>2018</b> , 64, 501-514	5.5	104
34	Reply to: Hyperuricemia does not seem to be an independent risk factor for coronary heart disease. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 56, e63-e64	5.9	1
33	Pre-analytical and analytical aspects affecting clinical reliability of plasma glucose results. <i>Clinical Biochemistry</i> , <b>2017</b> , 50, 587-594	3.5	21
32	Evaluation of the trueness of serum alkaline phosphatase measurement in a group of Italian laboratories. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2017</b> , 55, e47-e50	5.9	14
31	Progress and impact of enzyme measurement standardization. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2017</b> , 55, 334-340	5.9	30
30	Hyperuricemia as risk factor for coronary heart disease incidence and mortality in the general population: a systematic review and meta-analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2016</b> , 54, 7-15	5.9	93

29	Laboratory medicine in the new healthcare environment. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2016</b> , 54, 523-33	5.9	35
28	More on the accuracy of the Architect enzymatic assay for hemoglobin A1c and its traceability to the IFCC reference system. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2016</b> , 54, e71-3	5.9	5
27	Generation of data on within-subject biological variation in laboratory medicine: An update. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>2016</b> , 53, 313-25	9.4	59
26	A checklist for critical appraisal of studies of biological variation. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2015</b> , 53, 879-85	5.9	89
25	A new robust statistical model for interpretation of differences in serial test results from an individual. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2015</b> , 53, 815-22	5.9	8
24	Role and Responsibilities of Laboratory Medicine Specialists in the Verification OF Metrological Traceability of Medical Diagnostics. <i>Journal of Medical Biochemistry</i> , <b>2015</b> , 34, 282-287	1.9	21
23	Performance criteria for combined uncertainty budget in the implementation of metrological traceability. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2015</b> , 53, 905-12	5.9	40
22	Soluble transferrin receptor in complicated anemia. <i>Clinica Chimica Acta</i> , <b>2014</b> , 431, 143-7	6.2	29
21	The importance of individual biology in the clinical use of serum biomarkers for ovarian cancer. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2014</b> , 52, 1625-31	5.9	19
20	Verification of in vitro medical diagnostics (IVD) metrological traceability: responsibilities and strategies. <i>Clinica Chimica Acta</i> , <b>2014</b> , 432, 55-61	6.2	49
19	Biological variation of neuroendocrine tumor markers chromogranin A and neuron-specific enolase. <i>Clinical Biochemistry</i> , <b>2013</b> , 46, 148-51	3.5	35
18	Standardization and analytical goals for glycated hemoglobin measurement. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2013</b> , 51, 1719-26	5.9	19
17	A systematic review of data on biological variation for alanine aminotransferase, aspartate aminotransferase and <del>glut</del> glutamyl transferase. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2013</b> , 51, 1997-2007	5.9	52
16	Biological variation of free light chains in serum. <i>Clinica Chimica Acta</i> , <b>2013</b> , 415, 10-1	6.2	15
15	Biologic variation of copper, ceruloplasmin and copper/ceruloplasmin ratio (Cu:Cp) in serum. <i>Clinica Chimica Acta</i> , <b>2013</b> , 415, 295-6	6.2	8
14	Estimate of intraindividual variability of C-reactive protein: a challenging issue. <i>Clinica Chimica Acta</i> , <b>2013</b> , 419, 85-6	6.2	7
13	Serum human epididymis protein 4 vs carbohydrate antigen 125 for ovarian cancer diagnosis: a systematic review. <i>Journal of Clinical Pathology</i> , <b>2013</b> , 66, 273-81	3.9	112
12	Measurement of icteric index as approach to detect abnormal total bilirubin values. <i>Journal of Clinical Pathology</i> , <b>2013</b> , 66, 1095-7	3.9	9

11	Measurement imprecision of common urinary biochemical analytes on the Roche Cobas 6000 system. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2013</b> , 51, e175-7	5.9	1
10	Standardization and analytical goals for glycated hemoglobin measurement. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2013</b> , 51,	5.9	13
9	Hemoglobin, bilirubin, and lipid interference on Roche Cobas 6000 assays. <i>Clinica Chimica Acta</i> , <b>2012</b> , 413, 339-41; author reply 342-3	6.2	11
8	Inside ST-elevation myocardial infarction by monitoring concentrations of cardiovascular risk biomarkers in blood. <i>Clinica Chimica Acta</i> , <b>2012</b> , 413, 888-93	6.2	13
7	Biologic variability of C-reactive protein: is the available information reliable?. <i>Clinica Chimica Acta</i> , <b>2012</b> , 413, 1179-83	6.2	28
6	Soluble transferrin receptor (sTfR) and sTfR/log ferritin index for the diagnosis of iron-deficiency anemia. A meta-analysis. <i>American Journal of Clinical Pathology</i> , <b>2012</b> , 138, 642-9	1.9	72
5	Is the accuracy of serum albumin measurements suitable for clinical application of the test?. <i>Clinica Chimica Acta</i> , <b>2011</b> , 412, 791-2	6.2	20
4	Revaluation of biological variation of glycated hemoglobin (HbA(1c)) using an accurately designed protocol and an assay traceable to the IFCC reference system. <i>Clinica Chimica Acta</i> , <b>2011</b> , 412, 1412-6	6.2	42
3	Commutability of the ERM-DA470k reference material for two assays measuring serum albumin using immunochemical principles. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2011</b> , 49, 1383-1384	5.9	7
2	Impact of implementation of the high-sensitivity cardiac troponin T assay in a university hospital setting. <i>Clinical Chemistry</i> , <b>2011</b> , 57, 1211-2	5.5	8
1	Biological variability of glycated hemoglobin. <i>Clinica Chimica Acta</i> , <b>2010</b> , 411, 1606-10	6.2	42