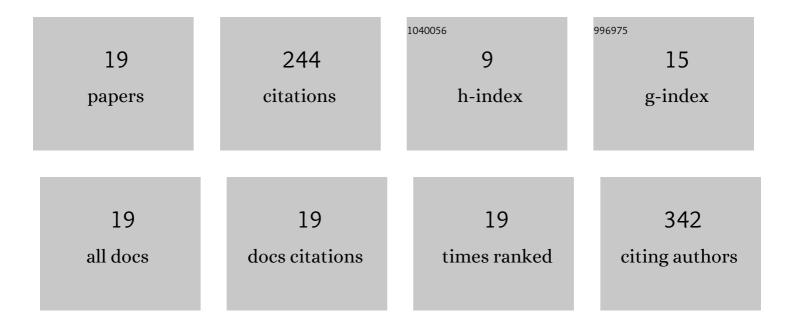
## Carlo G Bertinetto

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Comprehensive multivariate evaluation of the effects on cell phenotypes in multicolor flow cytometry data using ANOVA simultaneous component analysis. Journal of Chemometrics, 2023, 37, .	1.3	Ο
2	Perspectives of fluorescence spectroscopy for online monitoring in microalgae industry. Microbial Biotechnology, 2022, 15, 1824-1838.	4.2	6
3	Non-Invasive Monitoring of Inflammation in Inflammatory Bowel Disease Patients during Prolonged Exercise via Exhaled Breath Volatile Organic Compounds. Metabolites, 2022, 12, 224.	2.9	8
4	Retrospective quality by design r(QbD) for lactose production using historical process data and design of experiments. Computers in Industry, 2022, 141, 103696.	9.9	6
5	Analysis of human neutrophil phenotypes as biomarker to monitor exercise-induced immune changes. Journal of Leukocyte Biology, 2021, 109, 833-842.	3.3	9
6	Refractory neutrophils and monocytes in patients with inflammatory bowel disease after repeated bouts of prolonged exercise. Cytometry Part B - Clinical Cytometry, 2021, 100, 676-682.	1.5	6
7	Exhaled Breath Reflects Prolonged Exercise and Statin Use during a Field Campaign. Metabolites, 2021, 11, 192.	2.9	8
8	ANOVA simultaneous component analysis: A tutorial review. Analytica Chimica Acta: X, 2020, 6, 100061.	1.0	35
9	Fluorescence spectroscopy and chemometrics for simultaneous monitoring of cell concentration, chlorophyll and fatty acids in Nannochloropsis oceanica. Scientific Reports, 2020, 10, 7688.	3.3	10
10	Catalytic efficiency and stability of tertiary amines in oxidation of methyl 4-deoxy-β-L-threo-hex-4-enopyranosiduronic acid by hypochlorous acid. Molecular Catalysis, 2019, 474, 110413.	2.0	1
11	Systematic comparison and potential combination between multivariate curve resolution–alternating least squares ( <scp>MCRâ€ALS</scp> ) and bandâ€ŧarget entropy minimization ( <scp>BTEM</scp> ). Journal of Chemometrics, 2018, 32, e3000.	1.3	4
12	Cellulose Elementary Fibrils Assemble into Helical Bundles in S <sub>1</sub> Layer of Spruce Tracheid Wall. Biomacromolecules, 2017, 18, 374-378.	5.4	16
13	Crystallite orientation maps in starch granules from polarized Raman spectroscopy (PRS) data. Carbohydrate Polymers, 2016, 154, 70-76.	10.2	10
14	Structural and chemical analysis of native and malted barley kernels by polarized Raman spectroscopy (PRS). Journal of Cereal Science, 2015, 62, 73-80.	3.7	12
15	Rate-limiting steps in bromide-free TEMPO-mediated oxidation of cellulose—Quantification of the N-Oxoammonium cation by iodometric titration and UV–vis spectroscopy. Applied Catalysis A: General, 2015, 505, 532-538.	4.3	21
16	Influence of pre-processing and distance on spectral classification: A simulation study. Vibrational Spectroscopy, 2014, 74, 110-119.	2.2	4
17	Automatic Baseline Recognition for the Correction of Large Sets of Spectra Using Continuous Wavelet Transform and Iterative Fitting. Applied Spectroscopy, 2014, 68, 155-164.	2.2	35
18	Evaluation of hierarchical structured representations for QSPR studies of small molecules and polymers by recursive neural networks. Journal of Molecular Graphics and Modelling, 2009, 27, 797-802.	2.4	12

#	Article	IF	CITATIONS
19	Prediction of the glass transition temperature of (meth)acrylic polymers containing phenyl groups by recursive neural network. Polymer, 2007, 48, 7121-7129.	3.8	41