

Yannick Casamayou-Boucau

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

131
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1306789

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1473754

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times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-Content Quantification in Powders Using Raman Spectroscopy: A Facile Chemometric Approach to Sub 0.1% Limits of Detection. <i>Analytical Chemistry</i> , 2015, 87, 3419-3428.	3.2	36
2	Bench- and pilot-scale continuous-flow hydrothermal production of barium strontium titanate nanopowders. <i>Chemical Engineering Journal</i> , 2016, 289, 433-441.	6.6	24
3	Kernel principal component analysis residual diagnosis (KPCARD): An automated method for cosmic ray artifact removal in Raman spectra. <i>Analytica Chimica Acta</i> , 2016, 913, 111-120.	2.6	16
4	Extended wavelength anisotropy resolved multidimensional emission spectroscopy (ARMES) measurements: better filters, validation standards, and Rayleigh scatter removal methods. <i>Methods and Applications in Fluorescence</i> , 2017, 5, 037001.	1.1	16
5	Accurate anisotropy recovery from fluorophore mixtures using Multivariate Curve Resolution (MCR). <i>Analytica Chimica Acta</i> , 2018, 1000, 132-143.	2.6	11
6	Investigating native state fluorescence emission of Immunoglobulin G using polarized Excitation Emission Matrix (pEEM) spectroscopy and PARAFAC. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2019, 185, 1-11.	1.8	10
7	Chemometric approaches to low-content quantification (LCQ) in solid-state mixtures using Raman mapping spectroscopy. <i>Analytical Methods</i> , 2017, 9, 6293-6301.	1.3	9
8	Quantitative analysis of weakly bound insulin oligomers in solution using polarized multidimensional fluorescence spectroscopy. <i>Analytica Chimica Acta</i> , 2020, 1138, 18-29.	2.6	7
9	Evaluating the interaction of human serum albumin (HSA) and 1,2-dimyristoyl-sn-glycero-3-phosphocholine (DMPC) liposomes in different aqueous environments using anisotropy resolved multi-dimensional emission spectroscopy (ARMES). <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 211, 112310.	2.5	2
10	Advanced Spectroscopy and APBS Modeling for Determination of the Role of His190 and Trp103 in Mouse Thymidylate Synthase Interaction with Selected dUMP Analogues. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2661.	1.8	0