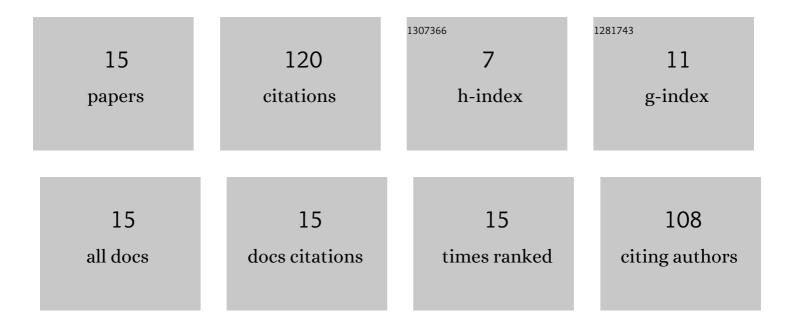
Nataly J Galan-Freyle

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	API Content and Blend Uniformity Using Quantum Cascade Laser Spectroscopy Coupled with Multivariate Analysis. Pharmaceutics, 2021, 13, 985.	2.0	3
2	Self-assembly and supramolecular isomerism in 1D metal–organometallic networks based on transition-metal assemblies from 1,1′-ferrocene-dicarboxylic acid and ancillary nitrogen heterocycle ligands. CrystEngComm, 2021, 23, 8198-8208.	1.3	3
3	Anomaly Identification during Polymerase Chain Reaction for Detecting SARS-CoV-2 Using Artificial Intelligence Trained from Simulated Data. Molecules, 2021, 26, 20.	1.7	8
4	Mid-Infrared Laser Spectroscopy Detection and Quantification of Explosives in Soils Using Multivariate Analysis and Artificial Intelligence. Applied Sciences (Switzerland), 2020, 10, 4178.	1.3	8
5	Artificial Intelligence Assisted Mid-Infrared Laser Spectroscopy In Situ Detection of Petroleum in Soils. Applied Sciences (Switzerland), 2020, 10, 1319.	1.3	16
6	Modulated-laser source induction system for remote detection of infrared emissions of high explosives using laser-induced thermal emission. Optical Engineering, 2020, 59, 1.	0.5	1
7	EXPRESS: Classical Least Squares-Assisted MIR Laser Spectroscopy Detection of High Explosives on Fabrics. Applied Spectroscopy, 2019, 73, 000370281878041.	1.2	10
8	Quantum cascade laser backâ€reflection spectroscopy at grazingâ€angle incidence using the fast Fourier transform as a data preprocessing algorithm. Journal of Chemometrics, 2019, 33, e3167.	0.7	3
9	Mid-Infrared Laser Spectroscopy Applications I: Detection of Traces of High Explosives on Reflective and Matte Substrates. , 2019, , .		4
10	Surface Persistence of Trace Level Deposits of Highly Energetic Materials. Molecules, 2019, 24, 3494.	1.7	4
11	Mid-Infrared Laser Spectroscopy Applications in Process Analytical Technology: Cleaning Validation, Microorganisms, and Active Pharmaceutical Ingredients in Formulations. , 2019, , .		1
12	Applications of Quantum Cascade Laser Spectroscopy in the Analysis of Pharmaceutical Formulations. Applied Spectroscopy, 2016, 70, 1511-1519.	1.2	15
13	Standoff Detection of Highly Energetic Materials Using Laser-Induced Thermal Excitation of Infrared Emission. Applied Spectroscopy, 2015, 69, 535-544.	1.2	24
14	Chemometricsâ€enhanced laserâ€induced thermal emission detection of PETN and other explosives on various substrates. Journal of Chemometrics, 2015, 29, 329-337.	0.7	10
15	Chemometrics-enhanced fiber optic Raman detection, discrimination and quantification of chemical agents simulants concealed in commercial bottles. Analytical Chemistry Research, 2014, 2, 15-22.	2.0	10

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