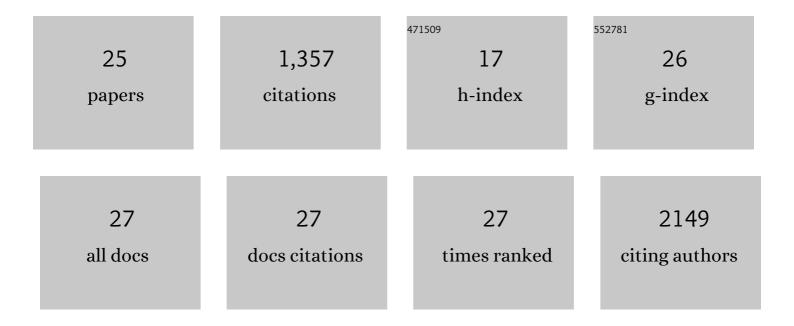
Ariane Deniset-Besseau

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Cystinuria and cystinosis are usually related to L-cystine: is this really the case for cystinosis? AAphysicochemical investigation at micrometre and nanometre scale. Comptes Rendus Chimie, 2022, 25, 489-502.	0.5	10
2	Photothermal AFM-IR spectroscopy and imaging: Status, challenges, and trends. Journal of Applied Physics, 2022, 131, .	2.5	65
3	Probing amyloid fibril secondary structures by infrared nanospectroscopy: experimental and theoretical considerations. Analyst, The, 2021, 146, 132-145.	3.5	29
4	The Phosin PptA Plays a Negative Role in the Regulation of Antibiotic Production in Streptomyces lividans. Antibiotics, 2021, 10, 325.	3.7	8
5	Nanostructural Evolution of Natural Rubber/Silica Nanoparticle Coagulation from Binary Colloidal Suspensions to Composites: Implications for Tire Materials. ACS Applied Nano Materials, 2021, 4, 6722-6733.	5.0	10
6	Revealing Lipid Body Formation and its Subcellular Reorganization in Oleaginous Microalgae Using Correlative Optical Microscopy and Infrared Nanospectroscopy. Applied Spectroscopy, 2021, 75, 1538-1547.	2.2	6
7	Characterization by Nano-Infrared Spectroscopy of Individual Aggregated Species of Amyloid Proteins. Molecules, 2020, 25, 2899.	3.8	28
8	Discrete Nanoscale Distribution of Hair Lipids Fails to Provide Humidity Resistance. Analytical Chemistry, 2020, 92, 11498-11504.	6.5	15
9	Nanometric Chemical Speciation of Abnormal Deposits in Kidney Biopsy: Infrared-Nanospectroscopy Reveals Heterogeneities within Vancomycin Casts. Analytical Chemistry, 2020, 92, 7388-7392.	6.5	18
10	Nanoscale image of the drug/metal mono-layer interaction: Tapping AFM-IR investigations. Nano Research, 2020, 13, 1020-1028.	10.4	18
11	Microstructure Characterization of Oceanic Polyethylene Debris. Environmental Science & Technology, 2020, 54, 4102-4109.	10.0	51
12	Nanoscale investigation of human skin and study of skin penetration of Janus nanoparticles. International Journal of Pharmaceutics, 2020, 579, 119193.	5.2	12
13	Nanometre-scale infrared chemical imaging of organic matter in ultra-carbonaceous Antarctic micrometeorites (UCAMMs). Astronomy and Astrophysics, 2019, 622, A160.	5.1	20
14	Correlative infrared nanospectroscopy and transmission electron microscopy to investigate nanometric amyloid fibrils: prospects and challenges. Journal of Microscopy, 2019, 274, 23-31.	1.8	17
15	Highâ€Resolution Labelâ€Free Detection of Biocompatible Polymeric Nanoparticles in Cells. Particle and Particle Systems Characterization, 2018, 35, 1700457.	2.3	27
16	How to unravel the chemical structure and component localization of individual drug-loaded polymeric nanoparticles by using tapping AFM-IR. Analyst, The, 2018, 143, 5940-5949.	3.5	57
17	Attenuated Total Reflection Fourier Transform Infrared (ATR FT-IR) for Rapid Determination of Microbial Cell Lipid Content: Correlation with Gas Chromatography-Mass Spectrometry (GC-MS). Applied Spectroscopy, 2017, 71, 2344-2352.	2.2	13
18	Strong antibiotic production is correlated with highly active oxidative metabolism in Streptomyces coelicolor M145. Scientific Reports, 2017, 7, 200.	3.3	56

#	Article	IF	CITATIONS
19	Correlative nonlinear optical microscopy and infrared nanoscopy reveals collagen degradation in altered parchments. Scientific Reports, 2016, 6, 26344.	3.3	49
20	Combining infrared and mode synthesizing atomic force microscopy: Application to the study of lipid vesicles inside Streptomyces bacteria. Nano Research, 2016, 9, 1674-1681.	10.4	29
21	Conducting polymer nanostructures for photocatalysis under visible light. Nature Materials, 2015, 14, 505-511.	27.5	575
22	Monitoring TriAcylGlycerols Accumulation by Atomic Force Microscopy Based Infrared Spectroscopy in <i>Streptomyces</i> Species for Biodiesel Applications. Journal of Physical Chemistry Letters, 2014, 5, 654-658.	4.6	64
23	PEDOT nanostructures synthesized in hexagonal mesophases. New Journal of Chemistry, 2014, 38, 1106-1115.	2.8	69
24	Detection of an estrogen derivative in two breast cancer cell lines using a single core multimodal probe for imaging (SCoMPI) imaged by a panel of luminescent and vibrational techniques. Analyst, The, 2013, 138, 5627.	3.5	75
25	Analysis of bacterial polyhydroxybutyrate production by multimodal nanoimaging. Biotechnology Advances, 2013, 31, 369-374.	11.7	34