

# Fernando E Ortega-Ojeda

## List of Publications by Citations

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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.

30  
papers

406  
citations

11  
h-index

19  
g-index

32  
ext. papers

485  
ext. citations

5.2  
avg. IF

3.71  
L-index

#	Paper	IF	Citations
30	Gelatinisation and Retrogradation Behaviour of Some Starch Mixtures. <i>Starch/Staerke</i> , <b>2001</b> , 53, 520	2.3	66
29	Gel formation in mixtures of hydrophobically modified potato and high amylopectin potato starch. <i>Carbohydrate Polymers</i> , <b>2005</b> , 59, 313-327	10.3	46
28	Analytical tools for the analysis of fire debris. A review: 2008-2015. <i>Analytica Chimica Acta</i> , <b>2016</b> , 928, 1-19	6.6	44
27	Gel formation in mixtures of high amylopectin potato starch and potato starch. <i>Carbohydrate Polymers</i> , <b>2004</b> , 56, 505-514	10.3	39
26	Study of consumer fireworks post-blast residues by ATR-FTIR. <i>Talanta</i> , <b>2016</b> , 149, 257-265	6.2	31
25	Chemometric approaches for document dating: Handling paper variability. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1031, 28-37	6.6	22
24	Gel formation in mixtures of amylose and high amylopectin potato starch. <i>Carbohydrate Polymers</i> , <b>2004</b> , 57, 55-66	10.3	21
23	Gold nanorods as SERS substrate for the ultratrace detection of cocaine in non-pretreated oral fluid samples. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 557, 43-50	5.1	18
22	Microplastics in sediments of artificially recharged lagoons: Case study in a Biosphere Reserve. <i>Science of the Total Environment</i> , <b>2020</b> , 729, 138824	10.2	17
21	Discrimination of non-explosive and explosive samples through nitrocellulose fingerprints obtained by capillary electrophoresis. <i>Journal of Chromatography A</i> , <b>2013</b> , 1302, 197-204	4.5	17
20	Revealing the location of semen, vaginal fluid and urine in stained evidence through near infrared chemical imaging. <i>Talanta</i> , <b>2017</b> , 166, 292-299	6.2	15
19	On the Dispersion and Small-Amplitude Oscillation Measurements of High Amylopectin Potato Starch. <i>Starch/Staerke</i> , <b>2003</b> , 55, 121-130	2.3	10
18	Raman spectral signatures for the differentiation of benzodiazepine drugs. <i>Analytical Methods</i> , <b>2014</b> , 6, 9536-9546	3.2	8
17	Short wave infrared chemical imaging as future tool for analysing gunshot residues patterns in targets. <i>Talanta</i> , <b>2017</b> , 167, 227-235	6.2	7
16	Measuring the Human Ultra-Weak Photon Emission Distribution Using an Electron-Multiplying, Charge-Coupled Device as a Sensor. <i>Sensors</i> , <b>2018</b> , 18,	3.8	7
15	Study of Spectral Modifications in Acidified Ignitable Liquids by Attenuated Total Reflection Fourier Transform Infrared Spectroscopy. <i>Applied Spectroscopy</i> , <b>2016</b> , 70, 520-30	3.1	6
14	Human ultra-weak photon emission as non-invasive spectroscopic tool for diagnosis of internal states - A review. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2021</b> , 216, 112141	6.7	5

13	Analysis and differentiation of paper samples by capillary electrophoresis and multivariate analysis. <i>Electrophoresis</i> , <b>2014</b> , 35, 3264-71	3.6	4
12	Electrophoretic fingerprinting of benzodiazepine tablets in spike drinks. <i>Electrophoresis</i> , <b>2014</b> , 35, 3250-7	3.6	4
11	Selective Monitoring of Oxyanion Mixtures by a Flow System with Raman Detection. <i>Sensors</i> , <b>2018</b> , 18,	3.8	4
10	Shooting distance estimation based on gunshot residues analyzed by XRD and multivariate analysis. <i>Chemometrics and Intelligent Laboratory Systems</i> , <b>2019</b> , 193, 103831	3.8	3
9	A practical beginner's guide to Raman microscopy. <i>Applied Spectroscopy Reviews</i> , <b>2020</b> , 1-24	4.5	3
8	Modelling the Photodegradation of Marine Microplastics by Means of Infrared Spectrometry and Chemometric Techniques. <i>Microplastics</i> , <b>2022</b> , 1, 198-210		3
7	Forensic examination of textile fibres using Raman imaging and multivariate analysis.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 268, 120695	4.4	2
6	Introducing ATR-FTIR Spectroscopy through Analysis of Acetaminophen Drugs: Practical Lessons for Interdisciplinary and Progressive Learning for Undergraduate Students.. <i>Journal of Chemical Education</i> , <b>2021</b> , 98, 2675-2686	2.4	2
5	Classification of Various Marijuana Varieties by Raman Microscopy and Chemometrics.. <i>Toxics</i> , <b>2022</b> , 10,	4.7	2
4	Gender-based differences in perceptions about sexual violence, equality and drug-facilitated sexual assaults in nightlife contexts. <i>Revista De Psicologia De La Salud</i> , <b>2021</b> , 1561	1	0
3	Comparison between computed tomography and silicone-casting methods to determine gunshot cavities in ballistic soap. <i>International Journal of Legal Medicine</i> , <b>2021</b> , 135, 829-836	3.1	0
2	Gel formation in mixtures of high amylopectin potato starch and potato starch. <i>Carbohydrate Polymers</i> , <b>2004</b> , 56, 505-505	10.3	
1	Increment of spontaneous human biophoton emission caused by anger emotional states. Proof of concept. <i>Microchemical Journal</i> , <b>2021</b> , 169, 106558	4.8	