

# Fernando E Ortega-Ojeda

## List of Publications by Year in Descending Order

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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 | Classification of Various Marijuana Varieties by Raman Microscopy and Chemometrics.. <i>Toxics</i> , <b>2022</b> , 10,  | 4.7  | 2         |
| 29 | Modelling the Photodegradation of Marine Microplastics by Means of Infrared Spectrometry and Chemometric Techniques. <i>Microplastics</i> , <b>2022</b> , 1, 198-210  |      | 3         |
| 28 | 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         |
| 27 | 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         |
| 26 | 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         |
| 25 | 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         |
| 24 | 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         |
| 23 | 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  |           |
| 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 | A practical beginner's guide to Raman microscopy. <i>Applied Spectroscopy Reviews</i> , <b>2020</b> , 1-24  | 4.5  | 3         |
| 20 | 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         |
| 19 | 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         |
| 18 | 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        |
| 17 | Chemometric approaches for document dating: Handling paper variability. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1031, 28-37   | 6.6  | 22        |
| 16 | Selective Monitoring of Oxyanion Mixtures by a Flow System with Raman Detection. <i>Sensors</i> , <b>2018</b> , 18,   | 3.8  | 4         |
| 15 | 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        |
| 14 | 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         |

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|----|---|------|----|
| 13 | Study of consumer fireworks post-blast residues by ATR-FTIR. <i>Talanta</i> , <b>2016</b> , 149, 257-265  | 6.2  | 31 |
| 12 | 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  |
| 11 | 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 |
| 10 | Raman spectral signatures for the differentiation of benzodiazepine drugs. <i>Analytical Methods</i> , <b>2014</b> , 6, 9536-9546   | 3.2  | 8  |
| 9  | Analysis and differentiation of paper samples by capillary electrophoresis and multivariate analysis. <i>Electrophoresis</i> , <b>2014</b> , 35, 3264-71  | 3.6  | 4  |
| 8  | Electrophoretic fingerprinting of benzodiazepine tablets in spike drinks. <i>Electrophoresis</i> , <b>2014</b> , 35, 3250-7.6   | 3.6  | 4  |
| 7  | 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 |
| 6  | 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 |
| 5  | 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 |
| 4  | Gel formation in mixtures of amylose and high amylopectin potato starch. <i>Carbohydrate Polymers</i> , <b>2004</b> , 57, 55-66   | 10.3 | 21 |
| 3  | Gel formation in mixtures of high amylopectin potato starch and potato starch. <i>Carbohydrate Polymers</i> , <b>2004</b> , 56, 505-505   | 10.3 |    |
| 2  | 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 |
| 1  | Gelatinisation and Retrogradation Behaviour of Some Starch Mixtures. <i>Starch/Staerke</i> , <b>2001</b> , 53, 520  | 2.3  | 66 |