

# Pol Herrero

## 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.

29 papers	596 citations	16 h-index	24 g-index
30 ext. papers	716 ext. citations	5.1 avg, IF	3.77 L-index

#	Paper	IF	Citations
29	Phosphoproteomic Analysis and Protein-Protein Interaction of Rat Aorta GJA1 and Rat Heart FKBP1A after Secoiridoid Consumption from Virgin Olive Oil: A Functional Proteomic Approach. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 1536-1554	5.7	0
28	Early antiretroviral therapy initiation effect on metabolic profile in vertically HIV-1-infected children. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2021</b> , 76, 2993-3001	5.1	3
27	SDCBP Modulates Stemness and Chemoresistance in Head and Neck Squamous Cell Carcinoma through Src Activation. <i>Cancers</i> , <b>2021</b> , 13,	6.6	2
26	Comparison of metaproteomics workflows for deciphering the functions of gut microbiota in an animal model of obesity. <i>Journal of Proteomics</i> , <b>2019</b> , 209, 103489	3.9	1
25	Effects from diet-induced gut microbiota dysbiosis and obesity can be ameliorated by fecal microbiota transplantation: A multiomics approach. <i>PLoS ONE</i> , <b>2019</b> , 14, e0218143	3.7	34
24	Metabolomics Analyses to Investigate the Role of Diet and Physical Training. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1978, 403-430	1.4	2
23	Immunometabolism is a key factor for the persistent spontaneous elite control of HIV-1 infection. <i>EBioMedicine</i> , <b>2019</b> , 42, 86-96	8.8	33
22	Glutaminolysis and lipoproteins are key factors in late immune recovery in successfully treated HIV-infected patients. <i>Clinical Science</i> , <b>2019</b> , 133, 997-1010	6.5	10
21	Optimised extraction methods for the determination of trichothecenes in rat faeces followed by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2019</b> , 1105, 47-53	3.2	4
20	Proteomic Profile Associated With Loss of Spontaneous Human Immunodeficiency Virus Type 1 Elite Control. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 219, 867-876	7	15
19	Multi-omics approach to elucidate the gut microbiota activity: Metaproteomics and metagenomics connection. <i>Electrophoresis</i> , <b>2018</b> , 39, 1692-1701	3.6	22
18	Monitoring and evaluation of the interaction between deoxynivalenol and gut microbiota in Wistar rats by mass spectrometry-based metabolomics and next-generation sequencing. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 121, 124-130	4.7	10
17	Determination of Trichothecenes in Cereal Matrices Using Subcritical Water Extraction Followed by Solid-Phase Extraction and Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , <b>2018</b> , 11, 1113-1121	3.4	6
16	Determination of mycotoxins in plant-based beverages using QuEChERS and liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , <b>2017</b> , 229, 366-372	8.5	39
15	Analytical methods in sphingolipidomics: Quantitative and profiling approaches in food analysis. <i>Journal of Chromatography A</i> , <b>2016</b> , 1428, 16-38	4.5	19
14	Hydroxytyrosol and its complex forms (secoiridoids) modulate aorta and heart proteome in healthy rats: Potential cardio-protective effects. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 2114-2129	5.9	21
13	Proteomic Profile of Unstable Atheroma Plaque: Increased Neutrophil Defensin 1, Clusterin, and Apolipoprotein E Levels in Carotid Secretome. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 933-44	5.6	19

12	Size and concentration determination of (functionalised) fullerenes in surface and sewage water matrices using field flow fractionation coupled to an online accurate mass spectrometer: method development and validation. <i>Analytica Chimica Acta</i> , <b>2015</b> , 871, 77-84	6.6	15
11	A pressurised hot water extraction and liquid chromatography-high resolution mass spectrometry method to determine polar benzotriazole, benzothiazole and benzenesulfonamide derivatives in sewage sludge. <i>Journal of Chromatography A</i> , <b>2014</b> , 1355, 53-60	4.5	22
10	Asymmetrical flow field-flow fractionation hyphenated to Orbitrap high resolution mass spectrometry for the determination of (functionalised) aqueous fullerene aggregates. <i>Journal of Chromatography A</i> , <b>2014</b> , 1356, 277-82	4.5	20
9	Comparison of triple quadrupole mass spectrometry and Orbitrap high-resolution mass spectrometry in ultrahigh performance liquid chromatography for the determination of veterinary drugs in sewage: benefits and drawbacks. <i>Journal of Mass Spectrometry</i> , <b>2014</b> , 49, 585-96	2.2	37
8	An overview of analytical methods and occurrence of benzotriazoles, benzothiazoles and benzenesulfonamides in the environment. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2014</b> , 62, 46-55	14.6	60
7	A quick, easy, cheap, effective, rugged and safe extraction method followed by liquid chromatography-(Orbitrap) high resolution mass spectrometry to determine benzotriazole, benzothiazole and benzenesulfonamide derivatives in sewage sludge. <i>Journal of Chromatography A</i> , <b>2014</b> , 1355, 81-91	4.5	39
6	Determination of polyether ionophores in urban sewage sludge by pressurised liquid extraction and liquid chromatography-tandem mass spectrometry: study of different clean-up strategies. <i>Journal of Chromatography A</i> , <b>2013</b> , 1285, 31-9	4.5	18
5	Pressurised liquid extraction and ultra-high performance liquid chromatography-tandem mass spectrometry to determine endogenous and synthetic glucocorticoids in sewage sludge. <i>Talanta</i> , <b>2013</b> , 103, 186-93	6.2	26
4	Efficient tandem solid-phase extraction and liquid chromatography-triple quadrupole mass spectrometry method to determine polar benzotriazole, benzothiazole and benzenesulfonamide contaminants in environmental water samples. <i>Journal of Chromatography A</i> , <b>2013</b> , 1309, 22-32	4.5	48
3	Performance of zwitterionic hydrophilic interaction LC for the determination of iodinated X-ray contrast agents. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 3688-95	3.4	8
2	Novel amide polar-embedded reversed-phase column for the fast liquid chromatography-tandem mass spectrometry method to determine polyether ionophores in environmental waters. <i>Journal of Chromatography A</i> , <b>2012</b> , 1263, 7-13	4.5	13
1	Determination of glucocorticoids in sewage and river waters by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2012</b> , 1224, 19-26	4.5	48