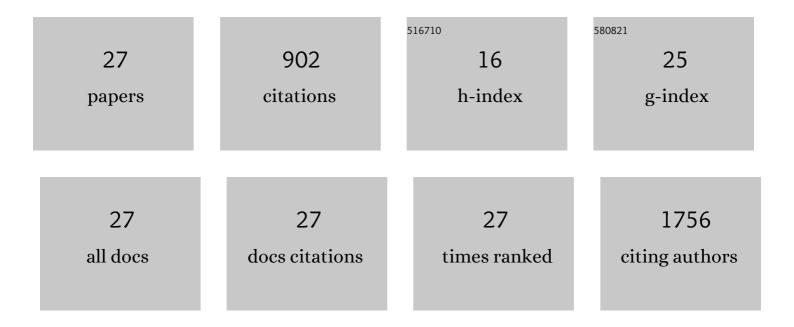
## Maria Paz Lorenzo Garcia

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Microbiota Sensing by Mincle-Syk Axis in Dendritic Cells Regulates Interleukin-17 and -22 Production and Promotes Intestinal Barrier Integrity. Immunity, 2019, 50, 446-461.e9.	14.3	143
2	Nutrient limitation suppresses the temperature dependence of phytoplankton metabolic rates. ISME Journal, 2018, 12, 1836-1845.	9.8	122
3	High-fat diets induce changes in hippocampal glutamate metabolism and neurotransmission. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E396-E402.	3.5	113
4	A pilot study of plasma metabolomic patterns from patients treated with ketamine for bipolar depression: evidence for a responseâ€related difference in mitochondrial networks. British Journal of Pharmacology, 2014, 171, 2230-2242.	5.4	61
5	Efficiency of fly ash belite cement and zeolite matrices for immobilizing cesium. Journal of Hazardous Materials, 2006, 137, 1608-1617.	12.4	59
6	GC–MS based Gestational Diabetes Mellitus longitudinal study: Identification of 2-and 3-hydroxybutyrate as potential prognostic biomarkers. Journal of Pharmaceutical and Biomedical Analysis, 2017, 144, 90-98.	2.8	48
7	Optimization and validation of a capillary electrophoresis laserâ€induced fluorescence method for amino acids determination in human plasma: Application to bipolar disorder study. Electrophoresis, 2013, 34, 1701-1709.	2.4	46
8	Optimization and validation of a chiral GC–MS method for the determination of free d-amino acids ratio in human urine: Application to a Gestational Diabetes Mellitus study. Journal of Pharmaceutical and Biomedical Analysis, 2015, 107, 480-487.	2.8	43
9	Optimization and validation of a CE-LIF method for amino acid determination in biological samples. Journal of Pharmaceutical and Biomedical Analysis, 2013, 73, 116-124.	2.8	40
10	Effect of temperature on the leaching performance of a simulated cement-based immobilization system. Calcium and hydroxyl behaviour. Construction and Building Materials, 1996, 10, 171-177.	7.2	27
11	Calcium Hydroxide Saturation Factors in the Pore Solution of Hydrated Portland Cement Fly Ash Pastes. Journal of the American Ceramic Society, 1996, 79, 1041-1046.	3.8	23
12	Simple high-performance liquid chromatography method for α-tocopherol measurement in Rosmarinus officinalis leaves. Journal of Chromatography A, 2001, 919, 305-311.	3.7	22
13	Activation of Pozzolanic Reaction of Hydrated Portland Cement Fly Ash Pastes in Sulfate Solution. Journal of the American Ceramic Society, 2002, 85, 3071-3075.	3.8	20
14	Specific Deletion of the Astrocyte Leptin Receptor Induces Changes in Hippocampus Glutamate Metabolism, Synaptic Transmission and Plasticity. Neuroscience, 2020, 447, 182-190.	2.3	20
15	Energy and environmental savings via optimisation of the production process at a Spanish cement factory. Journal of Cleaner Production, 2015, 98, 47-52.	9.3	19
16	Human Milk Oligosaccharides (HMOs) and Infant Microbiota: A Scoping Review. Foods, 2021, 10, 1429.	4.3	19
17	Role of aluminous component of fly ash on the durability of Portland cement-fly ash pastes in marine environment. Waste Management, 2003, 23, 785-792.	7.4	18
18	Effect of the temperature on the leaching performance of the cement-based immobilization systems: Sulfate and chloride behavior. Cement and Concrete Research. 1997. 27, 515-524.	11.0	17

#	Article	IF	CITATIONS
19	Target and untargeted GC–MS based metabolomic study of mouse optic nerve and its potential in the study of neurological visual diseases. Journal of Pharmaceutical and Biomedical Analysis, 2018, 153, 44-56.	2.8	13
20	Optimization and validation of a chiral CE-LIF method for quantitation of aspartate, glutamate and serine in murine osteocytic and osteoblastic cells. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2020, 1152, 122259.	2.3	9
21	Development and validation of a high performance liquid chromatography-tandem mass spectrometry method for the absolute analysis of 17 α D-amino acids in cooked meals. Journal of Chromatography A, 2020, 1611, 460598.	3.7	8
22	Effectiveness of Immunomodulating Treatment (Thymostimulin) in Chronic Obstructive Pulmonary Disease. Respiration, 1997, 64, 220-223.	2.6	5
23	Development of new cement based matrices for safe disposal of hazardous metals: cadmium and caesium. Advances in Applied Ceramics, 2013, 112, 190-196.	1.1	2
24	Physicochemical and Microbiological Stability of Two Oral Solutions of Methadone Hydrochloride 10 mg/mL. Molecules, 2022, 27, 2812.	3.8	2
25	Development and validation of a HPLC-UV method for methadone hydrochloride quantification in a new oral solution with preservatives to be implemented in physicochemical stability studies. BMC Chemistry, 2022, 16, 32.	3.8	2
26	Long term durability at 40°C of ecoefficient belite cement-mortar exposed to sulfate attack. Advances in Cement Research, 2008, 20, 139-144.	1.6	1
27	227P Cardiotoxicity in HER2 positive breast cancer patients treated with trastuzumab. Annals of Oncology, 2020, 31, S332.	1.2	0