

# Maria Paz Lorenzo Garcia

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

902  
citations

516710

16  
h-index

580821

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1756  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbiota Sensing by Mincle-Syk Axis in Dendritic Cells Regulates Interleukin-17 and -22 Production and Promotes Intestinal Barrier Integrity. <i>Immunity</i> , 2019, 50, 446-461.e9.	14.3	143
2	Nutrient limitation suppresses the temperature dependence of phytoplankton metabolic rates. <i>ISME Journal</i> , 2018, 12, 1836-1845.	9.8	122
3	High-fat diets induce changes in hippocampal glutamate metabolism and neurotransmission. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 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 response-related difference in mitochondrial networks. <i>British Journal of Pharmacology</i> , 2014, 171, 2230-2242.	5.4	61
5	Efficiency of fly ash belite cement and zeolite matrices for immobilizing cesium. <i>Journal of Hazardous Materials</i> , 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 144, 90-98.	2.8	48
7	Optimization and validation of a capillary electrophoresis laser-induced fluorescence method for amino acids determination in human plasma: Application to bipolar disorder study. <i>Electrophoresis</i> , 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 107, 480-487.	2.8	43
9	Optimization and validation of a CE-LIF method for amino acid determination in biological samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 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. <i>Construction and Building Materials</i> , 1996, 10, 171-177.	7.2	27
11	Calcium Hydroxide Saturation Factors in the Pore Solution of Hydrated Portland Cement Fly Ash Pastes. <i>Journal of the American Ceramic Society</i> , 1996, 79, 1041-1046.	3.8	23
12	Simple high-performance liquid chromatography method for Î±-tocopherol measurement in <i>Rosmarinus officinalis</i> leaves. <i>Journal of Chromatography A</i> , 2001, 919, 305-311.	3.7	22
13	Activation of Pozzolanic Reaction of Hydrated Portland Cement Fly Ash Pastes in Sulfate Solution. <i>Journal of the American Ceramic Society</i> , 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. <i>Neuroscience</i> , 2020, 447, 182-190.	2.3	20
15	Energy and environmental savings via optimisation of the production process at a Spanish cement factory. <i>Journal of Cleaner Production</i> , 2015, 98, 47-52.	9.3	19
16	Human Milk Oligosaccharides (HMOs) and Infant Microbiota: A Scoping Review. <i>Foods</i> , 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. <i>Waste Management</i> , 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. <i>Cement and Concrete Research</i> , 1997, 27, 515-524.	11.0	17

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19	Target and untargeted GC-MS based metabolomic study of mouse optic nerve and its potential in the study of neurological visual diseases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 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 L± D-amino acids in cooked meals. <i>Journal of Chromatography A</i> , 2020, 1611, 460598.	3.7	8
22	Effectiveness of Immunomodulating Treatment (Thymostimulin) in Chronic Obstructive Pulmonary Disease. <i>Respiration</i> , 1997, 64, 220-223.	2.6	5
23	Development of new cement based matrices for safe disposal of hazardous metals: cadmium and caesium. <i>Advances in Applied Ceramics</i> , 2013, 112, 190-196.	1.1	2
24	Physicochemical and Microbiological Stability of Two Oral Solutions of Methadone Hydrochloride 10 mg/mL. <i>Molecules</i> , 2022, 27, 2812.	3.8	2
25	Development and validation of a HPLC-LIV method for methadone hydrochloride quantification in a new oral solution with preservatives to be implemented in physicochemical stability studies. <i>BMC Chemistry</i> , 2022, 16, 32.	3.8	2
26	Long term durability at 40°C of ecoefficient belite cement-mortar exposed to sulfate attack. <i>Advances in Cement Research</i> , 2008, 20, 139-144.	1.6	1
27	227P Cardiotoxicity in HER2 positive breast cancer patients treated with trastuzumab. <i>Annals of Oncology</i> , 2020, 31, S332.	1.2	0