

# Marina GarcÃ-a Macia

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

7,381  
citations

394421

19  
h-index

395702

33  
g-index

43  
all docs

43  
docs citations

43  
times ranked

16640  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (edition) 1,430	9.1	1,430
3	Autophagy in the CNS and Periphery Coordinate Lipophagy and Lipolysis in the Brown Adipose Tissue and Liver. <i>Cell Metabolism</i> , 2016, 23, 113-127.	16.2	230
4	Differential inflammatory responses in aging and disease: TNF- $\alpha$ and IL-6 as possible biomarkers. <i>Free Radical Biology and Medicine</i> , 2010, 49, 733-737.	2.9	125
5	Autophagy and Mitochondria in Obesity and Type 2 Diabetes. <i>Current Diabetes Reviews</i> , 2017, 13, 352-369.	1.3	120
6	System-wide Benefits of Intermeal Fasting by Autophagy. <i>Cell Metabolism</i> , 2017, 26, 856-871.e5.	16.2	104
7	Interleukin 6, soluble tumor necrosis factor receptor I and red blood cell distribution width as biological markers of functional dependence in an elderly population: A translational approach. <i>Cytokine</i> , 2012, 58, 193-198.	3.2	89
8	A Bioreactor Technology for Modeling Fibrosis in Human and Rodent Precision-Cut Liver Slices. <i>Hepatology</i> , 2019, 70, 1377-1391.	7.3	66
9	Melatonin modulates autophagy through a redox-mediated action in female Syrian hamster Harderian gland controlling cell types and gland activity. <i>Journal of Pineal Research</i> , 2012, 52, 80-92.	7.4	37
10	Long-term training induces a healthy inflammatory and endocrine emergent biomarker profile in elderly men. <i>Age</i> , 2012, 34, 761-771.	3.0	35
11	Sexual dimorphism of autophagy in Syrian hamster Harderian gland culminates in a holocrine secretion in female glands. <i>Autophagy</i> , 2009, 5, 1004-1017.	9.1	32
12	Melatonin induces neural SOD2 expression independent of the NF-kappaB pathway and improves the mitochondrial population and function in old mice. <i>Journal of Pineal Research</i> , 2011, 50, 54-63.	7.4	30
13	Autophagy during beef aging. <i>Autophagy</i> , 2014, 10, 137-143.	9.1	29
14	Repurposing of tamoxifen ameliorates CLN3 and CLN7 disease phenotype. <i>EMBO Molecular Medicine</i> , 2021, 13, e13742.	6.9	28
15	Identification of biomarkers of meat tenderisation and its use for early classification of Asturian beef into fast and late tenderising meat. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 2727-2740.	3.5	27
16	Fibrogenic Activity of MECP2 Is Regulated by Phosphorylation in Hepatic Stellate Cells. <i>Gastroenterology</i> , 2019, 157, 1398-1412.e9.	1.3	27
17	Chronic training increases blood oxidative damage but promotes health in elderly men. <i>Age</i> , 2013, 35, 407-417.	3.0	25
18	Chronic inflammation as predictor of 1-year hospitalization and mortality in elderly population. <i>European Journal of Clinical Investigation</i> , 2012, 42, 1037-1046.	3.4	24

#	ARTICLE	IF	CITATIONS
19	A Mammalian Target of Rapamycin (Perilipin 3 (mTORC1/Plin3) Pathway is essential to Activate Lipophagy and Protects Against Hepatosteatosis. <i>Hepatology</i> , 2021, 74, 3441-3459.	7.3	20
20	Oxidative Protein Damage Is Associated With Severe Functional Dependence Among the Elderly Population: A Principal Component Analysis Approach. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67A, 663-670.	3.6	19
21	Kinesin-1 promotes chondrocyte maintenance during skeletal morphogenesis. <i>PLoS Genetics</i> , 2017, 13, e1006918.	3.5	18
22	Autophagic and proteolytic processes in the Harderian gland are modulated during the estrous cycle. <i>Histochemistry and Cell Biology</i> , 2014, 141, 519-529.	1.7	17
23	c-Rel orchestrates energy-dependent epithelial and macrophage reprogramming in fibrosis. <i>Nature Metabolism</i> , 2020, 2, 1350-1367.	11.9	16
24	Selective autophagy, lipophagy and mitophagy, in the Harderian gland along the oestrous cycle: a potential retrieval effect of melatonin. <i>Scientific Reports</i> , 2019, 9, 18597.	3.3	14
25	Melatonin Ameliorates Autophagy Impairment in a Metabolic Syndrome Model. <i>Antioxidants</i> , 2021, 10, 796.	5.1	14
26	Aberrant upregulation of the glycolytic enzyme PFKFB3 in CLN7 neuronal ceroid lipofuscinosis. <i>Nature Communications</i> , 2022, 13, 536.	12.8	14
27	PPAR- $\beta$ Gene Expression in Human Adipose Tissue Is Associated with Weight Loss After Sleeve Gastrectomy. <i>Journal of Gastrointestinal Surgery</i> , 2022, 26, 286-297.	1.7	13
28	Defective Adaption of Erythrocytes During Acute Hypoxia Injury in an Elderly Population. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2011, 66A, 376-384.	3.6	11
29	Analysis of constant tissue remodeling in Syrian hamster Harderian gland: intra-tubular and inter-tubular syncytial masses. <i>Journal of Anatomy</i> , 2013, 222, 558-569.	1.5	5
30	Platelet distribution width is associated with 1-year all-cause mortality in the elderly population. <i>Journal of Clinical Gerontology and Geriatrics</i> , 2013, 4, 12-16.	0.7	3
31	Tenderización post-mortem de la carne de los distintos biotipos amparados por la IGP Ternera Asturiana. <i>Archivos De Zootecnia</i> , 2011, 60, 333-336.	0.1	1
32	Glioblastoma Cells Counteract PARP Inhibition through Pro-Survival Induction of Lipid Droplets Synthesis and Utilization. <i>Cancers</i> , 2022, 14, 726.	3.7	1
33	Mitochondrial ROS contribute to neuronal ceroid lipofuscinosis pathogenesis. <i>Free Radical Biology and Medicine</i> , 2021, 165, 48.	2.9	0
34	Oxidative stress studies in recent research. <i>Medwave</i> , 2012, 12, e5299-e5299.	0.5	0
35	Dissecting a neuron-liver crosstalk to modulate lipid metabolism in lysosomal storage diseases. <i>Alzheimer's and Dementia</i> , 2021, 17, e058600.	0.8	0