

# Maria Alba Sorolla

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

834  
citations

687363

13  
h-index

713466

21  
g-index

21  
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21  
docs citations

21  
times ranked

1415  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomic and oxidative stress analysis in human brain samples of Huntington disease. <i>Free Radical Biology and Medicine</i> , 2008, 45, 667-678.	2.9	250
2	Role of secreted glyceraldehyde-3-phosphate dehydrogenase in the infection mechanism of enterohemorrhagic and enteropathogenic <i>Escherichia coli</i> : Interaction of the extracellular enzyme with human plasminogen and fibrinogen. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 1190-1203.	2.8	137
3	Protein oxidation in Huntington disease affects energy production and vitamin B6 metabolism. <i>Free Radical Biology and Medicine</i> , 2010, 49, 612-621.	2.9	77
4	Redox stress in Marfan syndrome: Dissecting the role of the NADPH oxidase NOX4 in aortic aneurysm. <i>Free Radical Biology and Medicine</i> , 2018, 118, 44-58.	2.9	57
5	Protein oxidation in Huntington disease. <i>BioFactors</i> , 2012, 38, 173-185.	5.4	42
6	Chronological and replicative life-span extension in <i>Saccharomyces cerevisiae</i> by increased dosage of alcohol dehydrogenase 1. <i>Microbiology (United Kingdom)</i> , 2007, 153, 3667-3676.	1.8	35
7	Sir2 is induced by oxidative stress in a yeast model of Huntington disease and its activation reduces protein aggregation. <i>Archives of Biochemistry and Biophysics</i> , 2011, 510, 27-34.	3.0	35
8	From Seabed to Bedside: A Review on Promising Marine Anticancer Compounds. <i>Biomolecules</i> , 2020, 10, 248.	4.0	34
9	The Forkhead Transcription Factor Hcm1 Promotes Mitochondrial Biogenesis and Stress Resistance in Yeast. <i>Journal of Biological Chemistry</i> , 2010, 285, 37092-37101.	3.4	31
10	The FOX transcription factor Hcm1 regulates oxidative metabolism in response to early nutrient limitation in yeast. Role of Snf1 and Tor1/Sch9 kinases. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 2004-2015.	4.1	28
11	Peptides, proteins and nanotechnology: a promising synergy for breast cancer targeting and treatment. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 1597-1613.	5.0	22
12	Diving into the Pleural Fluid: Liquid Biopsy for Metastatic Malignant Pleural Effusions. <i>Cancers</i> , 2021, 13, 2798.	3.7	20
13	Microenvironmental Reactive Oxygen Species in Colorectal Cancer: Involved Processes and Therapeutic Opportunities. <i>Cancers</i> , 2021, 13, 5037.	3.7	20
14	Determinants of Sensitivity to Radiotherapy in Endometrial Cancer. <i>Cancers</i> , 2020, 12, 1906.	3.7	15
15	Are Transcription Factors Plausible Oncotargets for Triple Negative Breast Cancers?. <i>Cancers</i> , 2022, 14, 1101.	3.7	8
16	Impaired PLP-dependent metabolism in brain samples from Huntington disease patients and transgenic R6/1 mice. <i>Metabolic Brain Disease</i> , 2016, 31, 579-586.	2.9	7
17	Epithelial cell adhesion molecule (EpCAM) from pleural fluid cell lysates is a highly accurate diagnostic biomarker of adenocarcinomatous effusions. <i>Respirology</i> , 2019, 24, 799-804.	2.3	5
18	Prognostic Factors Involved in the Epithelial-Mesenchymal Transition Process in Colorectal Cancer Have a Preponderant Role in Oxidative Stress: A Systematic Review and Meta-Analysis. <i>Cancers</i> , 2020, 12, 3330.	3.7	5

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19	Cell-Free DNA Concentration and Pattern Fragmentation in Pleural Fluid and Plasma to Detect Malignant Effusions. <i>Annals of the American Thoracic Society</i> , 2022, 19, 854-856.	3.2	4
20	An N-ethyl-N-Nitrosourea Mutagenesis Screen in Mice Reveals a Mutation in Nuclear Respiratory Factor 1 (Nrf1) Altering the DNA Methylation State and Correct Embryonic Development. <i>Animals</i> , 2021, 11, 2103.	2.3	1
21	Influence of Malignant Pleural Fluid from Lung Adenocarcinoma Patients on Neutrophil Response. <i>Cancers</i> , 2022, 14, 2529.	3.7	1