

# Iria Medraño-Fernández

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

935  
citations

933447

10  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1389  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transfer of H <sub>2</sub> O <sub>2</sub> from Mitochondria to the endoplasmic reticulum via Aquaporin-11. Redox Biology, 2022, 55, 102410.	9.0	11
2	Human aquaporin-11 guarantees efficient transport of H <sub>2</sub> O <sub>2</sub> across the endoplasmic reticulum membrane. Redox Biology, 2020, 28, 101326.	9.0	85
3	Aquaporins: Gatekeepers in the borders of oxidative stress and redox signaling. , 2020, , 167-181.		0
4	Monitoring cytosolic H <sub>2</sub> O <sub>2</sub> fluctuations arising from altered plasma membrane gradients or from mitochondrial activity. Nature Communications, 2019, 10, 4526.	12.8	33
5	The Plasma Membrane: A Platform for Intra- and Intercellular Redox Signaling. Antioxidants, 2018, 7, 168.	5.1	61
6	A persulfidation-based mechanism controls aquaporin-8 conductance. Science Advances, 2018, 4, eaar5770.	10.3	44
7	Regulation of H <sub>2</sub> O <sub>2</sub> Transport across Cell Membranes. , 2017, , 365-385.		1
8	Restoring microenvironmental redox and pH homeostasis inhibits neoplastic cell growth and migration: therapeutic efficacy of esomeprazole plus sulfasalazine on 3-MCA-induced sarcoma. Oncotarget, 2017, 8, 67482-67496.	1.8	9
9	Stress Regulates Aquaporin-8 Permeability to Impact Cell Growth and Survival. Antioxidants and Redox Signaling, 2016, 24, 1031-1044.	5.4	82
10	Different redox sensitivity of endoplasmic reticulum associated degradation clients suggests a novel role for disulphide bonds in secretory proteins. Biochemistry and Cell Biology, 2014, 92, 113-118.	2.0	11
11	RIAM (Rap1-interacting adaptor molecule) regulates complement-dependent phagocytosis. Cellular and Molecular Life Sciences, 2013, 70, 2395-2410.	5.4	36
12	Response to Marinelli and Marchisio. Antioxidants and Redox Signaling, 2013, 19, 897-897.	5.4	1
13	Tyrosine Kinase Signal Modulation: A Matter of H <sub>2</sub> O <sub>2</sub> Membrane Permeability?. Antioxidants and Redox Signaling, 2013, 19, 1447-1451.	5.4	104
14	Rap1-GTP-interacting Adaptor Molecule (RIAM) Protein Controls Invasion and Growth of Melanoma Cells. Journal of Biological Chemistry, 2011, 286, 18492-18504.	3.4	35
15	Mechanism suppressing glycogen synthesis in neurons and its demise in progressive myoclonus epilepsy. Nature Neuroscience, 2007, 10, 1407-1413.	14.8	320
16	Laforin, the dual-phosphatase responsible for Lafora disease, interacts with R5 (PTG), a regulatory subunit of protein phosphatase-1 that enhances glycogen accumulation. Human Molecular Genetics, 2003, 12, 3161-3171.	2.9	102