

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