

Cristina Azevedo

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

3,030
citations

394421

19
h-index

477307

29
g-index

29
all docs

29
docs citations

29
times ranked

3053
citing authors

#	ARTICLE	IF	CITATIONS
1	The RAR1 Interactor SGT1, an Essential Component of R Gene-Triggered Disease Resistance. <i>Science</i> , 2002, 295, 2073-2076.	12.6	574
2	A Novel Class of Eukaryotic Zinc-Binding Proteins Is Required for Disease Resistance Signaling in Barley and Development in <i>C. elegans</i> . <i>Cell</i> , 1999, 99, 355-366.	28.9	341
3	The U-box protein family in plants. <i>Trends in Plant Science</i> , 2001, 6, 354-358.	8.8	234
4	Role of SGT1 in resistance protein accumulation in plant immunity. <i>EMBO Journal</i> , 2006, 25, 2007-2016.	7.8	226
5	Influence of Inositol Pyrophosphates on Cellular Energy Dynamics. <i>Science</i> , 2011, 334, 802-805.	12.6	206
6	Identification of an Evolutionarily Conserved Family of Inorganic Polyphosphate Endopolyphosphatases. <i>Journal of Biological Chemistry</i> , 2011, 286, 31966-31974.	3.4	196
7	Inositol pyrophosphates: metabolism and signaling. <i>Cellular and Molecular Life Sciences</i> , 2006, 63, 552-564.	5.4	163
8	VIH2 Regulates the Synthesis of Inositol Pyrophosphate InsP_8 and Jasmonate-Dependent Defenses in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2015, 27, 1082-1097.	6.6	153
9	Protein Polyphosphorylation of Lysine Residues by Inorganic Polyphosphate. <i>Molecular Cell</i> , 2015, 58, 71-82.	9.7	131
10	Inositol pyrophosphate mediated pyrophosphorylation of AP3B1 regulates HIV-1 Gag release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21161-21166.	7.1	127
11	Eukaryotic Phosphate Homeostasis: The Inositol Pyrophosphate Perspective. <i>Trends in Biochemical Sciences</i> , 2017, 42, 219-231.	7.5	120
12	Extraction and analysis of soluble inositol polyphosphates from yeast. <i>Nature Protocols</i> , 2006, 1, 2416-2422.	12.0	107
13	Why always lysine? The ongoing tale of one of the most modified amino acids. <i>Advances in Biological Regulation</i> , 2016, 60, 144-150.	2.3	67
14	Inositol pyrophosphates regulate JMJD2C-dependent histone demethylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18970-18975.	7.1	57
15	Screening a Protein Array with Synthetic Biotinylated Inorganic Polyphosphate To Define the Human PolyP-ome. <i>ACS Chemical Biology</i> , 2018, 13, 1958-1963.	3.4	49
16	Phosphate, inositol and polyphosphates. <i>Biochemical Society Transactions</i> , 2016, 44, 253-259.	3.4	39
17	Inorganic polyphosphate in mammals: where's Wally?. <i>Biochemical Society Transactions</i> , 2020, 48, 95-101.	3.4	38
18	Functions of inorganic polyphosphates in eukaryotic cells: a coat of many colours. <i>Biochemical Society Transactions</i> , 2014, 42, 98-102.	3.4	36

#	ARTICLE	IF	CITATIONS
19	Microbial inositol polyphosphate metabolic pathway as drug development target. <i>Advances in Biological Regulation</i> , 2018, 67, 74-83.	2.3	25
20	Development of a yeast model to study the contribution of vacuolar polyphosphate metabolism to lysine polyphosphorylation. <i>Journal of Biological Chemistry</i> , 2020, 295, 1439-1451.	3.4	25
21	The signaling role of inositol hexakisphosphate kinases (IP6Ks). <i>Advances in Enzyme Regulation</i> , 2011, 51, 74-82.	2.6	20
22	Genome editing for resistance against plant pests and pathogens. <i>Transgenic Research</i> , 2021, 30, 427-459.	2.4	20
23	Preparation of Quality Inositol Pyrophosphates. <i>Journal of Visualized Experiments</i> , 2011, , e3027.	0.3	19
24	Synthesis of InsP ₇ by the Inositol Hexakisphosphate Kinase 1 (IP6K1). <i>Methods in Molecular Biology</i> , 2010, 645, 73-85.	0.9	18
25	Rab4A organizes endosomal domains for sorting cargo to lysosome-related organelles. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	18
26	The new world of inorganic polyphosphates. <i>Biochemical Society Transactions</i> , 2016, 44, 13-17.	3.4	16
27	The Histidine Ammonia Lyase of <i>Trypanosoma cruzi</i> Is Involved in Acidocalcisome Alkalinization and Is Essential for Survival under Starvation Conditions. <i>MBio</i> , 2021, , e0198121.	4.1	3
28	Reply to Shears: As knowledge of inositol pyrophosphates advances, wonder recedes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, .	7.1	1