

Germán L Rosano

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

2,250
citations

933447

10
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

3721
citing authors

#	ARTICLE	IF	CITATIONS
1	Recombinant protein expression in <i>Escherichia coli</i> : advances and challenges. <i>Frontiers in Microbiology</i> , 2014, 5, 172.	3.5	1,650
2	New tools for recombinant protein production in <i>Escherichia coli</i> : A 5-year update. <i>Protein Science</i> , 2019, 28, 1412-1422.	7.6	227
3	Rare codon content affects the solubility of recombinant proteins in a codon bias-adjusted <i>Escherichia coli</i> strain. <i>Microbial Cell Factories</i> , 2009, 8, 41.	4.0	135
4	Recombinant protein expression in microbial systems. <i>Frontiers in Microbiology</i> , 2014, 5, 341.	3.5	57
5	Insights into the CLP/HSP100 Chaperone System from Chloroplasts of <i>Arabidopsis thaliana</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 29671-29680.	3.4	40
6	Chloroplastic Hsp100 chaperones ClpC2 and ClpD interact in vitro with a transit peptide only when it is located at the N-terminus of a protein. <i>BMC Plant Biology</i> , 2012, 12, 57.	3.6	22
7	Dynamic regulation of Pin1 expression and function during zebrafish development. <i>PLoS ONE</i> , 2017, 12, e0175939.	2.5	17
8	Doses of levonorgestrel comparable to that delivered by the levonorgestrel-releasing intrauterine system can modify the in vitro expression of zona binding sites of human spermatozoa. <i>Contraception</i> , 2006, 73, 97-101.	1.5	16
9	A Gatekeeper Residue of ClpS1 from <i>Arabidopsis thaliana</i> Chloroplasts Determines its Affinity Towards Substrates of the Bacterial N-End Rule. <i>Plant and Cell Physiology</i> , 2018, 59, 624-636.	3.1	14
10	d-Mannose-binding sites are putative sperm determinants of human oocyte recognition and fertilization. <i>Reproductive BioMedicine Online</i> , 2007, 15, 182-190.	2.4	12
11	Structural basis for the Pr-Pfr long-range signaling mechanism of a full-length bacterial phytochrome at the atomic level. <i>Science Advances</i> , 2021, 7, eabh1097.	10.3	11
12	In vitro effect of levonorgestrel on sperm fertilizing capacity and mouse embryo development. <i>Contraception</i> , 2005, 72, 71-76.	1.5	10
13	Biochemical characterization of ClpB3, a chloroplastic disaggregase from <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> , 2020, 104, 451-465.	3.9	10
14	Characterization of the accessory protein ClpT1 from <i>Arabidopsis thaliana</i> : oligomerization status and interaction with Hsp100 chaperones. <i>BMC Plant Biology</i> , 2014, 14, 228.	3.6	9
15	Structural features of the plant N-recognin ClpS1 and sequence determinants in its targets that govern substrate selection. <i>FEBS Letters</i> , 2021, 595, 1525-1541.	2.8	8
16	Toward a unified model of the action of CLP/HSP100 chaperones in chloroplasts. <i>Plant Signaling and Behavior</i> , 2012, 7, 672-674.	2.4	4
17	Proteome variation of the rat liver after static cold storage assayed in an ex vivo model. <i>Cryobiology</i> , 2018, 85, 47-55.	0.7	3
18	Starting a new recombinant protein production project in <i>Escherichia coli</i> . <i>Methods in Enzymology</i> , 2021, 659, 3-18.	1.0	3

#	ARTICLE	IF	CITATIONS
19	From the notebook to recombinant protein production in Escherichia coli: Design of expression vectors and gene cloning. <i>Methods in Enzymology</i> , 2021, 659, 19-35.	1.0	1