

Juan Jesus Vicente

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

653
citations

687220

13
h-index

940416

16
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16
all docs

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docs citations

16
times ranked

1156
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and functional studies of a family of Dictyostelium discoideum developmentally regulated, prestalk genes coding for small proteins. BMC Microbiology, 2008, 8, 1.	1.3	178
2	De novo design of self-assembling helical protein filaments. Science, 2018, 362, 705-709.	6.0	112
3	Mitosis, microtubule dynamics and the evolution of kinesins. Experimental Cell Research, 2015, 334, 61-69.	1.2	74
4	Microtubule Targeting Agents in Disease: Classic Drugs, Novel Roles. Cancers, 2021, 13, 5650.	1.7	54
5	The quantification and regulation of microtubule dynamics in the mitotic spindle. Current Opinion in Cell Biology, 2019, 60, 36-43.	2.6	38
6	FrzS Regulates Social Motility in Myxococcus xanthus by Controlling Exopolysaccharide Production. PLoS ONE, 2011, 6, e23920.	1.1	33
7	Functional genomics in Dictyostelium: MidA, a new conserved protein, is required for mitochondrial function and development. Journal of Cell Science, 2006, 119, 1154-1164.	1.2	31
8	ST-11: A New Brain-Penetrant Microtubule-Destabilizing Agent with Therapeutic Potential for Glioblastoma Multiforme. Molecular Cancer Therapeutics, 2016, 15, 2018-2029.	1.9	22
9	The MADS-Box Gene <i>srfA</i> Is Expressed in a Complex Pattern under the Control of Alternative Promoters and Is Essential for Different Aspects of Dictyostelium Development. Developmental Biology, 2001, 235, 314-329.	0.9	21
10	Divergent microtubule assembly rates after short- versus long-term loss of end-modulating kinesins. Molecular Biology of the Cell, 2016, 27, 1300-1309.	0.9	21
11	Vacuole membrane protein 1 marks endoplasmic reticulum subdomains enriched in phospholipid synthesizing enzymes and is required for phosphoinositide distribution. Traffic, 2018, 19, 624-638.	1.3	18
12	Î²-Tubulin carboxy-terminal tails exhibit isotype-specific effects on microtubule dynamics in human gene-edited cells. Life Science Alliance, 2018, 1, e201800059.	1.3	17
13	GPR124 regulates microtubule assembly, mitotic progression, and glioblastoma cell proliferation. Cilia, 2019, 67, 1558-1570.	2.5	15
14	Functional characterization of MCAK/Kif2C cancer mutations using high-throughput microscopic analysis. Molecular Biology of the Cell, 2020, 31, 580-588.	0.9	9
15	Phosphorylation of NMDA receptors by cyclin B/CDK1 modulates calcium dynamics and mitosis. Communications Biology, 2020, 3, 665.	2.0	7
16	A divergent CheW confers plasticity to nucleoid-associated chemosensory arrays. PLoS Genetics, 2019, 15, e1008533.	1.5	3