

Tommaso Cavazza

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

475
citations

1039880

9
h-index

1199470

12
g-index

15
all docs

15
docs citations

15
times ranked

768
citing authors

#	ARTICLE	IF	CITATIONS
1	The RanGTP Pathway: From Nucleo-Cytoplasmic Transport to Spindle Assembly and Beyond. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 3, 82.	1.8	106
2	Parental genome unification is highly error-prone in mammalian embryos. <i>Cell</i> , 2021, 184, 2860-2877.e22.	13.5	89
3	High-Resolution Cryo-Electron Microscopy Structures of Murine Norovirus 1 and Rabbit Hemorrhagic Disease Virus Reveal Marked Flexibility in the Receptor Binding Domains. <i>Journal of Virology</i> , 2010, 84, 5836-5841.	1.5	70
4	Aurora-A-Dependent Control of TACC3 Influences the Rate of Mitotic Spindle Assembly. <i>PLoS Genetics</i> , 2015, 11, e1005345.	1.5	43
5	Allosteric inhibition of Aurora-A kinase by a synthetic vNAR domain. <i>Open Biology</i> , 2016, 6, 160089.	1.5	39
6	Two mechanisms drive pronuclear migration in mouse zygotes. <i>Nature Communications</i> , 2021, 12, 841.	5.8	38
7	Aneuploidy in human eggs: contributions of the meiotic spindle. <i>Biochemical Society Transactions</i> , 2021, 49, 107-118.	1.6	31
8	XTACC3-XMAP215 association reveals an asymmetric interaction promoting microtubule elongation. <i>Nature Communications</i> , 2014, 5, 5072.	5.8	19
9	The sequential activation of the mitotic microtubule assembly pathways favors bipolar spindle formation. <i>Molecular Biology of the Cell</i> , 2016, 27, 2935-2945.	0.9	11
10	Volumetric morphometry reveals spindle width as the best predictor of mammalian spindle scaling. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	10
11	From meiosis to mitosis: the sperm centrosome defines the kinetics of spindle assembly after fertilization. <i>Journal of Cell Science</i> , 2016, 129, 2538-47.	1.2	7
12	Proteomic Profiling of Microtubule Self-organization in M-phase. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1991-2004.	2.5	5
13	From meiosis to mitosis the sperm centrosome defines the kinetics of spindle assembly after fertilization in <i>Xenopus</i> . <i>Development (Cambridge)</i> , 2016, 143, e1.1-e1.1.	1.2	0