

Simone Reber

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4927039/publications.pdf>

Version: 2024-02-01

15
papers

565
citations

933447

10
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

736
citing authors

#	ARTICLE	IF	CITATIONS
1	XMAP215 polymerase activity is built by combining multiple tubulin-binding TOG domains and a basic lattice-binding region. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2741-2746.	7.1	143
2	One-step purification of assembly-competent tubulin from diverse eukaryotic sources. <i>Molecular Biology of the Cell</i> , 2012, 23, 4393-4401.	2.1	125
3	The centrosome protein AKNA regulates neurogenesis via microtubule organization. <i>Nature</i> , 2019, 567, 113-117.	27.8	67
4	Intracellular Scaling Mechanisms. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a019067.	5.5	42
5	Emergent Properties of the Metaphase Spindle. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a015784.	5.5	40
6	MTrack: Automated Detection, Tracking, and Analysis of Dynamic Microtubules. <i>Scientific Reports</i> , 2019, 9, 3794.	3.3	30
7	The effects of proliferation status and cell cycle phase on the responses of single cells to chemotherapy. <i>Molecular Biology of the Cell</i> , 2020, 31, 845-857.	2.1	29
8	Differences in Intrinsic Tubulin Dynamic Properties Contribute to Spindle Length Control in <i>Xenopus</i> Species. <i>Current Biology</i> , 2020, 30, 2184-2190.e5.	3.9	20
9	Purification of functional <i>Plasmodium falciparum</i> tubulin allows for the identification of parasite-specific microtubule inhibitors. <i>Current Biology</i> , 2022, 32, 919-926.e6.	3.9	19
10	The <i>Xenopus</i> spindle is as dense as the surrounding cytoplasm. <i>Developmental Cell</i> , 2021, 56, 967-975.e5.	7.0	14
11	Isolation of Centrosomes from Cultured Cells. <i>Methods in Molecular Biology</i> , 2011, 777, 107-116.	0.9	10
12	Volumetric morphometry reveals spindle width as the best predictor of mammalian spindle scaling. <i>Journal of Cell Biology</i> , 2022, 221, .	5.2	10
13	Affinity Purification of Label-free Tubulins from <i>Xenopus</i> Egg Extracts. <i>STAR Protocols</i> , 2020, 1, 100151.	1.2	7
14	In Vitro Reconstitution and Imaging of Microtubule Dynamics by Fluorescence and Label-free Microscopy. <i>STAR Protocols</i> , 2020, 1, 100177.	1.2	7
15	Samurai Sword Sets Spindle Size. <i>Cell</i> , 2011, 147, 1224-1225.	28.9	1