

Benjamin Vitre

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,436
citations

567281

15
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

2221
citing authors

#	ARTICLE	IF	CITATIONS
1	Transient genomic instability drives tumorigenesis through accelerated clonal evolution. <i>Genes and Development</i> , 2021, 35, 1093-1108.	5.9	48
2	Non-ciliary Roles of IFT Proteins in Cell Division and Polycystic Kidney Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 578239.	3.7	8
3	Intraflagellar Transport Complex B Proteins Regulate the Hippo Effector Yap1 during Cardiogenesis. <i>Cell Reports</i> , 2020, 32, 107932.	6.4	13
4	<scp>IFT</scp> proteins interact with <scp>HSET</scp> to promote supernumerary centrosome clustering in mitosis. <i>EMBO Reports</i> , 2020, 21, e49234.	4.5	19
5	IFT88 controls NuMA enrichment at k-fibers minus-ends to facilitate their re-anchoring into mitotic spindles. <i>Scientific Reports</i> , 2019, 9, 10311.	3.3	9
6	Probing Mitotic CENP-E Kinesin with the Tethered Cargo Motion Assay and Laser Tweezers. <i>Biophysical Journal</i> , 2018, 114, 2640-2652.	0.5	19
7	Centrosome Amplification Is Sufficient to Promote Spontaneous Tumorigenesis in Mammals. <i>Developmental Cell</i> , 2017, 40, 313-322.e5.	7.0	291
8	IFT proteins spatially control the geometry of cleavage furrow ingression and lumen positioning. <i>Nature Communications</i> , 2017, 8, 1928.	12.8	20
9	Epidermal development, growth control, and homeostasis in the face of centrosome amplification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6311-20.	7.1	46
10	Chronic centrosome amplification without tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6321-30.	7.1	70
11	Bimodal activation of BubR1 by Bub3 sustains mitotic checkpoint signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4185-93.	7.1	37
12	Kinetochoresâ€“microtubule attachment throughout mitosis potentiated by the elongated stalk of the kinetochore kinesin CENP-E. <i>Molecular Biology of the Cell</i> , 2014, 25, 2272-2281.	2.1	40
13	Mutations in CENPE define a novel kinetochore-centromeric mechanism for microcephalic primordial dwarfism. <i>Human Genetics</i> , 2014, 133, 1023-1039.	3.8	82
14	Kinetochores kinesin CENP-E is a processive bi-directional tracker of dynamic microtubule tips. <i>Nature Cell Biology</i> , 2013, 15, 1079-1088.	10.3	122
15	Kinetochores Kinesin CENP-E Tracks the Tips of Dynamic Microtubules via the â€“Tethered Motorâ€™ Mechanism. <i>Biophysical Journal</i> , 2013, 104, 326a-327a.	0.5	0
16	Chromosome missegregation rate predicts whether aneuploidy will promote or suppress tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4134-41.	7.1	207
17	Abstract 3302: Antisense oligonucleotide depletion of the mitotic kinesin Eg5 by direct delivery to the brain could be a useful strategy for treating glioma tumors.. , 2013, , .		0
18	Polo-like kinase 4 controls centriole duplication but does not directly regulate cytokinesis. <i>Molecular Biology of the Cell</i> , 2012, 23, 1838-1845.	2.1	35

#	ARTICLE	IF	CITATIONS
19	Centrosomes, chromosome instability (CIN) and aneuploidy. <i>Current Opinion in Cell Biology</i> , 2012, 24, 809-815.	5.4	103
20	Mitotic Kinesin CENP-E is a Robust Tracker of Dynamic Microtubule ends. <i>Biophysical Journal</i> , 2012, 102, 703a.	0.5	0
21	Structural basis of EB1 effects on microtubule dynamics. <i>Biochemical Society Transactions</i> , 2009, 37, 997-1001.	3.4	25
22	EB1 regulates microtubule dynamics and tubulin sheet closure in vitro. <i>Nature Cell Biology</i> , 2008, 10, 415-421.	10.3	241