Ralph GrÃ¤f

List of Publications by Year
in descending order

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51	1,407	279798	361022
papers	citations	23 h-index	35 g-index

54	54	54	1282
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dynein Intermediate Chain Mediated Dyneinâ€“Dynactin Interaction Is Required for Interphase Microtubule Organization and Centrosome Replication and Separation inDictyostelium. Journal of Cell Biology, 1999, 147, 1261-1274.	5.2	91
2	Homozygous YME1L1 mutation causes mitochondriopathy with optic atrophy and mitochondrial network fragmentation. ELife, 2016, 5, .	6.0	88
3	DictyosteliumEB1 Is a Genuine Centrosomal Component Required for Proper Spindle Formation. Molecular Biology of the Cell, 2002, 13, 2301-2310.	2.1	83
4	Dictyostelium LIS1 Is a Centrosomal Protein Required for Microtubule/Cell Cortex Interactions, Nucleus/Centrosome Linkage, and Actin Dynamics. Molecular Biology of the Cell, 2005, 16, 2759-2771.	2.1	81
5	Characterization of NE81, the first lamin-like nucleoskeleton protein in a unicellular organism. Molecular Biology of the Cell, 2012, 23, 360-370.	2.1	75
6	Regulated Expression of the Centrosomal Protein DdCP224 Affects Microtubule Dynamics and Reveals Mechanisms for the Control of Supernumerary Centrosome Number. Molecular Biology of the Cell, 2003, 14, 4067-4074.	2.1	52
7	Dynamics of a novel centromeric histone variant CenH3 reveals the evolutionary ancestral timing of centromere biogenesis. Nucleic Acids Research, 2010, 38, 7526-7537.	14.5	52
8	Identification of Novel Centrosomal Proteins inDictyosteliumdiscoideumby Comparative Proteomic Approaches. Journal of Proteome Research, 2006, 5, 589-598.	3.7	51
9	Isolation of nucleation-competent centrosomes from Dictyostelium discoideum. European Journal of Cell Biology, 1998, 76, 167-175.	3.6	50
10	Evolution of the nucleus. Current Opinion in Cell Biology, 2014, 28, 8-15.	5.4	49
11	Dictyostelium Sun1 is a dynamic membrane protein of both nuclear membranes and required for centrosomal association with clustered centromeres. European Journal of Cell Biology, 2009, 88, 621-638.	3.6	39
12	Evolution of centrosomes and the nuclear lamina: Amoebozoan assets. European Journal of Cell Biology, 2015, 94, 249-256.	3.6	37
13	A lamin in lower eukaryotes?. Nucleus, 2012, 3, 237-243.	2.2	36
14	Cell cycleâ€dependent localization of monoclonal antibodies raised against isolated Dictyostelium centrosomes. Biology of the Cell, 1999, 91, 471-477.	2.0	35
15	Unprecedented, Low Cytotoxicity of Spongelike Calcium Phosphate/Poly(ethylene imine) Hydrogel Composites. Macromolecular Bioscience, 2009, 9, 179-186.	4.1	35
16	DictyosteliumAurora Kinase Has Properties of both Aurora A and Aurora B Kinases. Eukaryotic Cell, 2008, 7, 894-905.	3.4	31
17	DdNek2, the first non-vertebrate homologue of human Nek2, is involved in the formation of microtubule-organizing centers. Journal of Cell Science, 2002, 115, 1919-29.	2.0	30
18	The XMAP215-family protein DdCP224 is required for cortical interactions of microtubules. , 2004, 5, 24.		29

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19	Proximity-Dependent Biotin Identification (BioID) in Dictyostelium Amoebae. Methods in Enzymology, 2016, 569, 23-42.	1.0	29
20	A kinesin-mediated mechanism that couples centrosomes to nuclei. Cellular and Molecular Life Sciences, 2013, 70, 1285-1296.	5.4	28
21	Molecular analysis of the cytosolic Dictyostelium Î³-tubulin complex. European Journal of Cell Biology, 2002, 81, 175-184.	3.6	27
22	Identification and cell cycleâ€dependent localization of nine novel, genuine centrosomal components in Dictyostelium discoideum. Cytoskeleton, 2009, 66, 915-928.	4.4	27
23	Molecular and Functional Analysis of the Dictyostelium Centrosome. International Review of Cytology, 2004, 241, 155-202.	6.2	26
24	Dictyostelium centrin-related protein (DdCrp), the most divergent member of the centrin family, possesses only two EF hands and dissociates from the centrosome during mitosis. European Journal of Cell Biology, 2001, 80, 621-630.	3.6	25
25	Live Cell-Imaging Techniques for Analyses of Microtubules in Dictyostelium. Methods in Cell Biology, 2010, 97, 341-357.	1.1	25
26	Functional analyses of lissencephaly-related proteins in Dictyostelium. Seminars in Cell and Developmental Biology, 2011, 22, 89-96.	5.0	23
27	Analysis of Dictyostelium TACC reveals differential interactions with CP224 and unusual dynamics of Dictyostelium microtubules. Cellular and Molecular Life Sciences, 2011, 68, 275-287.	5.4	20
28	Identification and isolation of Dictyostelium microtubule-associated protein interactors by tandem affinity purification. European Journal of Cell Biology, 2006, 85, 1079-1090.	3.6	19
29	Functional characterization of CP148, a novel key component for centrosome integrity in Dictyostelium. Cellular and Molecular Life Sciences, 2012, 69, 1875-1888.	5.4	19
30	Src1 is a Protein of the Inner Nuclear Membrane Interacting with the Dictyostelium Lamin NE81. Cells, 2016, 5, 13.	4.1	18
31	CDK5RAP2 Is an Essential Scaffolding Protein of the Corona of the Dictyostelium Centrosome. Cells, 2018, 7, 32.	4.1	16
32	Dictyostelium discoideum CenB Is a Bona Fide Centrin Essential for Nuclear Architecture and Centrosome Stability. Eukaryotic Cell, 2009, 8, 1106-1117.	3.4	15
33	Isolation of centrosomes from dictyostelium. Methods in Cell Biology, 2001, 67, 337-357.	1.1	14
34	CP39, CP75 and CP91 are major structural components of the Dictyostelium centrosomeâ€™s core structure. European Journal of Cell Biology, 2017, 96, 119-130.	3.6	14
35	An Improved Method for Dictyostelium Centrosome Isolation. , 2006, 346, 479-490.		12
36	Isolation of Dictyostelium Nuclei for Light and Electron Microscopy. Methods in Molecular Biology, 2013, 983, 283-294.	0.9	12

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37	Anionic Polymer Brushes for Biomimetic Calcium Phosphate Mineralizationâ€"A Surface with Application Potential in Biomaterials. Polymers, 2018, 10, 1165.	4.5	12
38	Nuclear envelope organization in Dictyostelium discoideum. International Journal of Developmental Biology, 2019, 63, 509-519.	0.6	10
39	The Dictyostelium Centrosome. Cells, 2021, 10, 2657.	4.1	9
40	Maltose-Binding Protein as a Fusion Tag for the Localization and Purification of Cloned Proteins in Dictyostelium. Analytical Biochemistry, 2001, 289, 297-300.	2.4	8
41	CP55, a novel key component of centrosomal organization in Dictyostelium. Cellular and Molecular Life Sciences, 2012, 69, 3651-3664.	5.4	7
42	Analysis of the Cellular Roles of MOCS3 Identifies a MOCS3-Independent Localization of NFS1 at the Tips of the Centrosome. Biochemistry, 2019, 58, 1786-1798.	2.5	7
43	Supramolecular Structures of the Dictyostelium Lamin NE81. Cells, 2019, 8, 162.	4.1	7
44	CP91 is a component of the Dictyostelium centrosome involved in centrosome biogenesis. European Journal of Cell Biology, 2016, 95, 124-135.	3.6	6
45	Comparative Biology of Centrosomal Structures in Eukaryotes. Cells, 2018, 7, 202.	4.1	6
46	Dictyostelium discoideum. Methods in Cell Biology, 2010, 96, 197-216.	1.1	4
47	In Vivo Assembly of a Dictyostelium Lamin Mutant Induced by Light, Mechanical Stress, and pH. Cells, 2020, 9, 1834.	4.1	4
48	Cep192, a Novel Missing Link between the Centrosomal Core and Corona in Dictyostelium Amoebae. Cells, 2021, 10, 2384.	4.1	4
49	Dictyostelium Centrin B localization during cell cycle progression. Communicative and Integrative Biology, 2010, 3, 39-41.	1.4	3
50	Dictyostelium Cell Fixation: Two Simple Tricks. Methods and Protocols, 2020, 3, 47.	2.0	2
51	Dictyostelium spastin is involved in nuclear envelope dynamics during semi-closed mitosis. Nucleus, 2022, 13, 144-153.	2.2	1