

Martin W Goldberg

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2686922/publications.pdf>

Version: 2024-02-01

45
papers

1,789
citations

304743

22
h-index

276875

41
g-index

45
all docs

45
docs citations

45
times ranked

2063
citing authors

#	ARTICLE	IF	CITATIONS
1	The cytoplasmic filaments of the nuclear pore complex are dispensable for selective nuclear protein import. <i>Journal of Cell Biology</i> , 2002, 158, 63-77.	5.2	181
2	Filaments made from A- and B-type lamins differ in structure and organization. <i>Journal of Cell Science</i> , 2008, 121, 215-225.	2.0	149
3	Nuclear envelope and nuclear pore complex structure and organization in tobacco BY-2 cells. <i>Plant Journal</i> , 2009, 59, 243-255.	5.7	140
4	Actin- and protein-4.1-containing filaments link nuclear pore complexes to subnuclear organelles in <i>Xenopus</i> oocyte nuclei. <i>Journal of Cell Science</i> , 2004, 117, 2481-2490.	2.0	127
5	The Nuclear Pore Complex and Lamina: Three-dimensional Structures and Interactions Determined by Field Emission In-lens Scanning Electron Microscopy. <i>Journal of Molecular Biology</i> , 1996, 257, 848-865.	4.2	126
6	System analysis shows distinct mechanisms and common principles of nuclear envelope protein dynamics. <i>Journal of Cell Biology</i> , 2011, 193, 109-123.	5.2	97
7	Steps of nuclear pore complex disassembly and reassembly during mitosis in early <i>Drosophila</i> embryos. <i>Journal of Cell Science</i> , 2001, 114, 3607-3618.	2.0	91
8	Yeast nuclear pore complexes have a cytoplasmic ring and internal filaments. <i>Journal of Structural Biology</i> , 2004, 145, 272-288.	2.8	90
9	Temporal Differences in the Appearance of NEP-B78 and an LBR-like Protein during <i>Xenopus</i> Nuclear Envelope Reassembly Reflect the Ordered Recruitment of Functionally Discrete Vesicle Types. <i>Journal of Cell Biology</i> , 1999, 144, 225-240.	5.2	67
10	Facilitated transport and diffusion take distinct spatial routes through the nuclear pore complex. <i>Journal of Cell Science</i> , 2010, 123, 2773-2780.	2.0	60
11	A new model for nuclear lamina organization. <i>Biochemical Society Transactions</i> , 2008, 36, 1339-1343.	3.4	58
12	Reticulon 4a/NogoA locates to regions of high membrane curvature and may have a role in nuclear envelope growth. <i>Journal of Structural Biology</i> , 2007, 160, 224-235.	2.8	48
13	Concentration of Ran on chromatin induces decondensation, nuclear envelope formation and nuclear pore complex assembly. <i>European Journal of Cell Biology</i> , 2002, 81, 623-633.	3.6	47
14	Three-Dimensional Visualization of the Route of Protein Import: The Role of Nuclear Pore Complex Substructures. <i>Experimental Cell Research</i> , 1997, 232, 146-160.	2.6	45
15	Ran alters nuclear pore complex conformation. <i>Journal of Molecular Biology</i> , 2000, 300, 519-529.	4.2	36
16	Filaments assembly of ectopically expressed <i>Caenorhabditis elegans</i> lamin within <i>Xenopus</i> oocytes. <i>Journal of Structural Biology</i> , 2012, 177, 113-118.	2.8	36
17	Nuclear pore complex tethers to the cytoskeleton. <i>Seminars in Cell and Developmental Biology</i> , 2017, 68, 52-58.	5.0	30
18	Proteomic mapping by rapamycin-dependent targeting of APEX2 identifies binding partners of VAPB at the inner nuclear membrane. <i>Journal of Biological Chemistry</i> , 2019, 294, 16241-16254.	3.4	30

#	ARTICLE	IF	CITATIONS
19	The Nuclear Pore Complex: Structure, Function, and Dynamics. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2000, 10, 12.	0.9	30
20	Nuclear Membrane Disassembly and Rupture. <i>Journal of Molecular Biology</i> , 2007, 369, 683-695.	4.2	28
21	Entry into the nuclear pore complex is controlled by a cytoplasmic exclusion zone containing dynamic GLFG-repeat nucleoporin domains. <i>Journal of Cell Science</i> , 2014, 127, 124-36.	2.0	25
22	The use of field emission in-lens scanning electron microscopy to study the steps of assembly of the nuclear envelope in vitro. <i>Journal of Structural Biology</i> , 1992, 108, 257-268.	2.8	24
23	The intestinal intermediate filament network responds to and protects against microbial insults and toxins. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	23
24	Intestinal intermediate filament polypeptides in <i>C. elegans</i> : Common and isotype-specific contributions to intestinal ultrastructure and function. <i>Scientific Reports</i> , 2020, 10, 3142.	3.3	23
25	Nuclear Pore Complex Structure in Birds. <i>Journal of Structural Biology</i> , 1997, 119, 284-294.	2.8	20
26	Agitation Modules: Flexible Means to Accelerate Automated Freeze Substitution. <i>Journal of Histochemistry and Cytochemistry</i> , 2018, 66, 903-921.	2.5	20
27	A protocol for isolation and visualization of yeast nuclei by scanning electron microscopy (SEM). <i>Nature Protocols</i> , 2007, 2, 1943-1953.	12.0	17
28	Nucleocytoplasmic transport in yeast: a few roles for many actors. <i>Biochemical Society Transactions</i> , 2010, 38, 273-277.	3.4	16
29	Oocytes as an experimental system to analyze the ultrastructure of endogenous and ectopically expressed nuclear envelope components by field-emission scanning electron microscopy. <i>Methods</i> , 2010, 51, 170-176.	3.8	14
30	Immunogold Labelling for Scanning Electron Microscopy. <i>Methods in Molecular Biology</i> , 2010, 657, 297-313.	0.9	14
31	Host Vesicle Fusion Protein VAPB Contributes to the Nuclear Egress Stage of Herpes Simplex Virus Type-1 (HSV-1) Replication. <i>Cells</i> , 2019, 8, 120.	4.1	13
32	Molecular characterization of <i>Xenopus</i> lamin LIV reveals differences in the lamin composition of sperms in amphibians and mammals. <i>Nucleus</i> , 2010, 1, 85-95.	2.2	11
33	Immunoelectron Microscopy of Cryofixed Freeze-Substituted <i>Saccharomyces cerevisiae</i> . <i>Methods in Molecular Biology</i> , 2010, 657, 191-204.	0.9	10
34	Immunogold Labeling for Scanning Electron Microscopy. <i>Methods in Molecular Biology</i> , 2016, 1474, 309-325.	0.9	9
35	Culturing Keratinocytes on Biomimetic Substrates Facilitates Improved Epidermal Assembly In Vitro. <i>Cells</i> , 2021, 10, 1177.	4.1	8
36	Supramolecular Structures of the <i>Dictyostelium</i> Lamin NE81. <i>Cells</i> , 2019, 8, 162.	4.1	7

#	ARTICLE	IF	CITATIONS
37	Imaging Yeast NPCs. <i>Methods in Cell Biology</i> , 2014, 122, 59-79.	1.1	6
38	Immunoelectron Microscopy of Cryofixed Freeze-Substituted Yeast <i>Saccharomyces cerevisiae</i> . <i>Methods in Molecular Biology</i> , 2016, 1474, 243-258.	0.9	4
39	Import and export at the nuclear envelope. <i>Symposia of the Society for Experimental Biology</i> , 2004, , 115-33.	0.0	3
40	High-Resolution Scanning Electron Microscopy and Immuno-Gold Labeling of the Nuclear Lamina and Nuclear Pore Complex. <i>Methods in Molecular Biology</i> , 2016, 1411, 441-459.	0.9	2
41	Scanning Electron Microscopy (SEM) and Immuno-SEM of Nuclear Pore Complexes from Amphibian Oocytes, Mammalian Cell Cultures, Yeast, and Plants. <i>Methods in Molecular Biology</i> , 2022, 2502, 417-437.	0.9	2
42	NPC Structure in Model Organisms: Transmission Electron Microscopy and Immunogold Labeling Using High-Pressure Freezing/Freeze Substitution of Yeast, Worms, and Plants. <i>Methods in Molecular Biology</i> , 2022, 2502, 439-459.	0.9	2
43	Structural Organization of the Plant Nucleus: Nuclear Envelope, Pore Complexes and Nucleoskeleton. , 2013, , 45-64.		0
44	Dynamic Structures of the Nuclear Pore Complex and Their Roles in Nucleocytoplasmic Transport. <i>Nucleic Acids and Molecular Biology</i> , 2018, , 27-44.	0.2	0
45	Imaging Fluorescent Nuclear Pore Complex Proteins in <i>C. elegans</i> . <i>Methods in Molecular Biology</i> , 2022, 2502, 373-393.	0.9	0