# Martin W Goldberg

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Imaging Fluorescent Nuclear Pore Complex Proteins in C. elegans. Methods in Molecular Biology, 2022, 2502, 373-393. | 0.9 | 0 |
| 2 | Scanning Electron Microscopy (SEM) and Immuno-SEM of Nuclear Pore Complexes from Amphibian Oocytes, Mammalian Cell Cultures, Yeast, and Plants. Methods in Molecular Biology, 2022, 2502, 417-437. | 0.9 | 2 |
| 3 | NPC Structure in Model Organisms: Transmission Electron Microscopy and Immunogold Labeling Using High-Pressure Freezing/Freeze Substitution of Yeast, Worms, and Plants. Methods in Molecular Biology, 2022, 2502, 439-459. | 0.9 | 2 |
| 4 | Culturing Keratinocytes on Biomimetic Substrates Facilitates Improved Epidermal Assembly In Vitro. Cells, 2021, 10, 1177. | 4.1 | 8 |
| 5 | Intestinal intermediate filament polypeptides in C. elegans: Common and isotype-specific contributions to intestinal ultrastructure and function. Scientific Reports, 2020, 10, 3142. | 3.3 | 23 |
| 6 | Proteomic mapping by rapamycin-dependent targeting of APEX2 identifies binding partners of VAPB at the inner nuclear membrane. Journal of Biological Chemistry, 2019, 294, 16241-16254. | 3.4 | 30 |
| 7 | Host Vesicle Fusion Protein VAPB Contributes to the Nuclear Egress Stage of Herpes Simplex Virus Type-1 (HSV-1) Replication. Cells, 2019, 8, 120. | 4.1 | 13 |
| 8 | Supramolecular Structures of the Dictyostelium Lamin NE81. Cells, 2019, 8, 162. | 4.1 | 7 |
| 9 | The intestinal intermediate filament network responds to and protects against microbial insults and toxins. Development (Cambridge), 2019, 146, . | 2.5 | 23 |
| 10 | Agitation Modules: Flexible Means to Accelerate Automated Freeze Substitution. Journal of Histochemistry and Cytochemistry, 2018, 66, 903-921. | 2.5 | 20 |
| 11 | Dynamic Structures of the Nuclear Pore Complex and Their Roles in Nucleocytoplasmic Transport. Nucleic Acids and Molecular Biology, 2018, , 27-44. | 0.2 | 0 |
| 12 | Nuclear pore complex tethers to the cytoskeleton. Seminars in Cell and Developmental Biology, 2017, 68, 52-58. | 5.0 | 30 |
| 13 | High-Resolution Scanning Electron Microscopy and Immuno-Gold Labeling of the Nuclear Lamina and Nuclear Pore Complex. Methods in Molecular Biology, 2016, 1411, 441-459. | 0.9 | 2 |
| 14 | Immunoelectron Microscopy of Cryofixed Freeze-Substituted Yeast Saccharomyces cerevisiae. Methods in Molecular Biology, 2016, 1474, 243-258. | 0.9 | 4 |
| 15 | Immunogold Labeling for Scanning Electron Microscopy. Methods in Molecular Biology, 2016, 1474, 309-325. | 0.9 | 9 |
| 16 | Entry into the nuclear pore complex is controlled by a cytoplasmic exclusion zone containing dynamic GLFG-repeat nucleoporin domains. Journal of Cell Science, 2014, 127, 124-36. | 2.0 | 25 |
| 17 | Imaging Yeast NPCs. Methods in Cell Biology, 2014, 122, 59-79. | 1.1 | 6 |
| 18 | Structural Organization of the Plant Nucleus: Nuclear Envelope, Pore Complexes and Nucleoskeleton. , 2013, , 45-64. | | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Filaments assembly of ectopically expressed Caenorhabditis elegans lamin within Xenopus oocytes. Journal of Structural Biology, 2012, 177, 113-118. | 2.8 | 36 |
| 20 | System analysis shows distinct mechanisms and common principles of nuclear envelope protein dynamics. Journal of Cell Biology, 2011, 193, 109-123. | 5.2 | 97 |
| 21 | Nucleocytoplasmic transport in yeast: a few roles for many actors. Biochemical Society Transactions, 2010, 38, 273-277. | 3.4 | 16 |
| 22 | Molecular characterization of Xenopus lamin LIV reveals differences in the lamin composition of sperms in amphibians and mammals. Nucleus, 2010, 1, 85-95. | 2.2 | 11 |
| 23 | Immunoelectron Microscopy of Cryofixed Freeze-Substituted Saccharomyces cerevisiae. Methods in Molecular Biology, 2010, 657, 191-204. | 0.9 | 10 |
| 24 | Oocytes as an experimental system to analyze the ultrastructure of endogenous and ectopically expressed nuclear envelope components by field-emission scanning electron microscopy. Methods, 2010, 51, 170-176. | 3.8 | 14 |
| 25 | Immunogold Labelling for Scanning Electron Microscopy. Methods in Molecular Biology, 2010, 657, 297-313. | 0.9 | 14 |
| 26 | Facilitated transport and diffusion take distinct spatial routes through the nuclear pore complex. Journal of Cell Science, 2010, 123, 2773-2780. | 2.0 | 60 |
| 27 | Nuclear envelope and nuclear pore complex structure and organization in tobacco BYâ€2 cells. Plant Journal, 2009, 59, 243-255. | 5.7 | 140 |
| 28 | A new model for nuclear lamina organization. Biochemical Society Transactions, 2008, 36, 1339-1343. | 3.4 | 58 |
| 29 | Filaments made from A- and B-type lamins differ in structure and organization. Journal of Cell Science, 2008, 121, 215-225. | 2.0 | 149 |
| 30 | Reticulon 4a/NogoA locates to regions of high membrane curvature and may have a role in nuclear envelope growth. Journal of Structural Biology, 2007, 160, 224-235. | 2.8 | 48 |
| 31 | Nuclear Membrane Disassembly and Rupture. Journal of Molecular Biology, 2007, 369, 683-695. | 4.2 | 28 |
| 32 | A protocol for isolation and visualization of yeast nuclei by scanning electron microscopy (SEM). Nature Protocols, 2007, 2, 1943-1953. | 12.0 | 17 |
| 33 | Actin- and protein-4.1-containing filaments link nuclear pore complexes to subnuclear organelles in Xenopus oocyte nuclei. Journal of Cell Science, 2004, 117, 2481-2490. | 2.0 | 127 |
| 34 | Yeast nuclear pore complexes have a cytoplasmic ring and internal filaments. Journal of Structural Biology, 2004, 145, 272-288. | 2.8 | 90 |
| 35 | Import and export at the nuclear envelope. Symposia of the Society for Experimental Biology, 2004, , 115-33. | 0.0 | 3 |
| 36 | The cytoplasmic filaments of the nuclear pore complex are dispensable for selective nuclear protein import. Journal of Cell Biology, 2002, 158, 63-77. | 5.2 | 181 |

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|---|---|---|---|
| 37 | Concentration of Ran on chromatin induces decondensation, nuclear envelope formation and nuclear pore complex assembly. European Journal of Cell Biology, 2002, 81, 623-633. | 3.6 | 47 |
| 38 | Steps of nuclear pore complex disassembly and reassembly during mitosis in early<i>Drosophila</i>embryos. Journal of Cell Science, 2001, 114, 3607-3618. | 2.0 | 91 |
| 39 | Ran alters nuclear pore complex conformation. Journal of Molecular Biology, 2000, 300, 519-529. | 4.2 | 36 |
| 40 | The Nuclear Pore Complex: Structure, Function, and Dynamics. Critical Reviews in Eukaryotic Gene Expression, 2000, 10, 12. | 0.9 | 30 |
| 41 | Temporal Differences in the Appearance of NEP-B78 and an LBR-like Protein during Xenopus Nuclear Envelope Reassembly Reflect the Ordered Recruitment of Functionally Discrete Vesicle Types. Journal of Cell Biology, 1999, 144, 225-240. | 5.2 | 67 |
| 42 | Three-Dimensional Visualization of the Route of Protein Import: The Role of Nuclear Pore Complex Substructures. Experimental Cell Research, 1997, 232, 146-160. | 2.6 | 45 |
| 43 | Nuclear Pore Complex Structure in Birds. Journal of Structural Biology, 1997, 119, 284-294. | 2.8 | 20 |
| 44 | The Nuclear Pore Complex and Lamina: Three-dimensional Structures and Interactions Determined by Field Emission In-lens Scanning Electron Microscopy. Journal of Molecular Biology, 1996, 257, 848-865. | 4.2 | 126 |
| 45 | The use of field emission in-lens scanning electron microscopy to study the steps of assembly of the nuclear envelope in vitro. Journal of Structural Biology, 1992, 108, 257-268. | 2.8 | 24 |