# Richard W Wong

List of Publications by Year
in descending order



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|---|---|---|---|
| 43 papers | 5,901 citations | 331670 21 h-index | 276875 41 g-index |
| 43 all docs | 43 docs citations | 43 times ranked | 15332 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 9.1 | 4,701 |
| 2 | Rae1 interaction with NuMA is required for bipolar spindle formation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 19783-19787. | 7.1 | 100 |
| 3 | Cohesin subunit SMC1 associates with mitotic microtubules at the spindle pole. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15441-15445. | 7.1 | 75 |
| 4 | Nucleoporin Translocated Promoter Region (Tpr) Associates with Dynein Complex, Preventing Chromosome Lagging Formation during Mitosis. Journal of Biological Chemistry, 2010, 285, 10841-10849. | 3.4 | 75 |
| 5 | <scp>ROCK</scp> â€dependent phosphorylation of <scp>NUP</scp> 62 regulates p63 nuclear transport and squamous cell carcinoma proliferation. EMBO Reports, 2018, 19, 73-88. | 4.5 | 56 |
| 6 | Overexpression of SARS-CoV-2 protein ORF6 dislocates RAE1 and NUP98 from the nuclear pore complex. Biochemical and Biophysical Research Communications, 2021, 536, 59-66. | 2.1 | 54 |
| 7 | RNA export factor RAE1 contributes to NUP98-HOXA9-mediated leukemogenesis. Cell Cycle, 2011, 10, 1456-1467. | 2.6 | 48 |
| 8 | Nucleoporin Nup62 maintains centrosome homeostasis. Cell Cycle, 2013, 12, 3804-3816. | 2.6 | 48 |
| 9 | Regulation of autophagy by nucleoporin Tpr. Scientific Reports, 2012, 2, 878. | 3.3 | 46 |
| 10 | High-Speed Atomic Force Microscopy Reveals Loss of Nuclear Pore Resilience as a Dying Code in Colorectal Cancer Cells. ACS Nano, 2017, 11, 5567-5578. | 14.6 | 46 |
| 11 | Characterization of the role of the tumor marker Nup88 in mitosis. Molecular Cancer, 2010, 9, 119. | 19.2 | 41 |
| 12 | Interaction between Rae1 and Cohesin subunit SMC1 is required for proper spindle formation. Cell Cycle, 2010, 9, 198-200. | 2.6 | 39 |
| 13 | Impact of Nucleoporin-Mediated Chromatin Localization and Nuclear Architecture on HIV Integration Site Selection. Journal of Virology, 2015, 89, 9702-9705. | 3.4 | 39 |
| 14 | Unexpected role of nucleoporins in coordination of cell cycle progression. Cell Cycle, 2011, 10, 425-433. | 2.6 | 38 |
| 15 | An update on cohesin function as a â€˜molecular glueâ€™ on chromosomes and spindles. Cell Cycle, 2010, 9, 1754-1758. | 2.6 | 34 |
| 16 | The role of nuclear pore complex in tumor microenvironment and metastasis. Cancer and Metastasis Reviews, 2011, 30, 239-251. | 5.9 | 34 |
| 17 | CDK8 maintains stemness and tumorigenicity of glioma stem cells by regulating the c-MYC pathway. Oncogene, 2021, 40, 2803-2815. | 5.9 | 33 |
| 18 | Nucleoporin TPR (translocated promoter region, nuclear basket protein) upregulation alters MTOR-HSF1 trails and suppresses autophagy induction in ependymoma. Autophagy, 2021, 17, 1001-1012. | 9.1 | 30 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Disease-specific alteration of karyopherin-Î± subtype establishes feed-forward oncogenic signaling in head and neck squamous cell carcinoma. Oncogene, 2020, 39, 2212-2223. | 5.9 | 28 |
| 20 | NMDA receptors expressed in oligodendrocytes. BioEssays, 2006, 28, 460-464. | 2.5 | 26 |
| 21 | High-Speed AFM Reveals Molecular Dynamics of Human Influenza A Hemagglutinin and Its Interaction with Exosomes. Nano Letters, 2020, 20, 6320-6328. | 9.1 | 25 |
| 22 | Therapeutic potential of mitotic interaction between the nucleoporin Tpr and aurora kinase A. Cell Cycle, 2015, 14, 1447-1458. | 2.6 | 24 |
| 23 | Nucleoporin Nup98 mediates galectin-3 nuclear-cytoplasmic trafficking. Biochemical and Biophysical Research Communications, 2013, 434, 155-161. | 2.1 | 23 |
| 24 | Spatiotemporally tracking of nano-biofilaments inside the nuclear pore complex core. Biomaterials, 2020, 256, 120198. | 11.4 | 23 |
| 25 | Colorectal cancer cells require glycogen synthase kinase-3Î² for sustaining mitosis via translocated promoter region (TPR)-dynein interaction. Oncotarget, 2018, 9, 13337-13352. | 1.8 | 22 |
| 26 | Millisecond dynamic of SARSâ€CoVâ€2 spike and its interaction with ACE2 receptor and small extracellular vesicles. Journal of Extracellular Vesicles, 2021, 10, e12170. | 12.2 | 21 |
| 27 | How SARS-CoV-2 and Other Viruses Build an Invasion Route to Hijack the Host Nucleocytoplasmic Trafficking System. Cells, 2021, 10, 1424. | 4.1 | 20 |
| 28 | NSP9 of SARS-CoV-2 attenuates nuclear transport by hampering nucleoporin 62 dynamics and functions in host cells. Biochemical and Biophysical Research Communications, 2022, 586, 137-142. | 2.1 | 18 |
| 29 | Nuclear Pore Complex: From Structural View to Chemical Tools. Chemistry and Biology, 2015, 22, 1285-1287. | 6.0 | 16 |
| 30 | Targeting Nucleoporin POM121-Importin Î² Axis in Prostate Cancer. Cell Chemical Biology, 2018, 25, 1056-1058. | 5.2 | 16 |
| 31 | Direct visualization of avian influenza H5N1 hemagglutinin precursor and its conformational change by high-speed atomic force microscopy. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129313. | 2.4 | 16 |
| 32 | High-Speed Atomic Force Microscopy Reveals Spatiotemporal Dynamics of Histone Protein H2A Involution by DNA Inchworming. Journal of Physical Chemistry Letters, 2021, 12, 3837-3846. | 4.6 | 14 |
| 33 | Synthetic zwitterions as efficient non-permeable cryoprotectants. Communications Chemistry, 2021, 4, . | 4.5 | 13 |
| 34 | A light-switching pyrene probe to detect phase-separated biomolecules. IScience, 2021, 24, 102865. | 4.1 | 11 |
| 35 | Karyopherin-Î²1 Regulates Radioresistance and Radiation-Increased Programmed Death-Ligand 1 Expression in Human Head and Neck Squamous Cell Carcinoma Cell Lines. Cancers, 2020, 12, 908. | 3.7 | 9 |
| 36 | New Activities of the Nuclear Pore Complexes. Cells, 2021, 10, 2123. | 4.1 | 9 |

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|---|---|---|---|
| 37 | Linking Nucleoporins, Mitosis, and Colon Cancer. Cell Chemical Biology, 2016, 23, 537-539. | 5.2 | 8 |
| 38 | Nucleoporin Nup58 localizes to centrosomes and mid-bodies during mitosis. Cell Division, 2019, 14, 7. | 2.4 | 6 |
| 39 | Label-free tomographic imaging of nanodiamonds in living cells. Diamond and Related Materials, 2021, 118, 108517. | 3.9 | 6 |
| 40 | Inhibition of Canonical Wnt Signaling Promotes Ex Vivo Maintenance and Proliferation of Hematopoietic Stem Cells in Zebrafish. Stem Cells, 2022, 40, 831-842. | 3.2 | 5 |
| 41 | Discovery of a Novel Aminocyclopropenone Compound That Inhibits BRD4-Driven Nucleoporin NUP210 Expression and Attenuates Colorectal Cancer Growth. Cells, 2022, 11, 317. | 4.1 | 2 |
| 42 | Anti-cancer activity of an ethanolic extract of red okra pods (Abelmoschus esculentus L. Moench) in rats induced by N-methyl-N-nitrosourea. Veterinary World, 0, , 1177-1184. | 1.7 | 2 |
| 43 | NPCs in Mitosis and Chromosome Segregation. , 2018, , 219-240. | | 1 |