

# Chi-Fen Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5454646/publications.pdf>

Version: 2024-02-01

18  
papers

1,881  
citations

471061

17  
h-index

839053

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2360  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Association of BRCA1 with the hRad50-hMre11-p95 Complex and the DNA Damage Response. <i>Science</i> , 1999, 285, 747-750.  | 6.0 | 583       |
| 2  | Mass Spectrometric Characterization of the Affinity-Purified Human 26S Proteasome Complex. <i>Biochemistry</i> , 2007, 46, 3553-3565.  | 1.2 | 243       |
| 3  | Expression of BRC Repeats in Breast Cancer Cells Disrupts the BRCA2-Rad51 Complex and Leads to Radiation Hypersensitivity and Loss of G2/M Checkpoint Control. <i>Journal of Biological Chemistry</i> , 1999, 274, 32931-32935.  | 1.6 | 184       |
| 4  | The Nuclear Localization Sequences of the BRCA1 Protein Interact with the Importin- $\beta$ Subunit of the Nuclear Transport Signal Receptor. <i>Journal of Biological Chemistry</i> , 1996, 271, 32863-32868.   | 1.6 | 182       |
| 5  | BRCA1 Facilitates Microhomology-mediated End Joining of DNA Double Strand Breaks. <i>Journal of Biological Chemistry</i> , 2002, 277, 28641-28647.   | 1.6 | 121       |
| 6  | Identification of a Novel Cytoplasmic Protein That Specifically Binds to Nuclear Localization Signal Motifs. <i>Journal of Biological Chemistry</i> , 1998, 273, 6183-6189.  | 1.6 | 114       |
| 7  | A novel small molecule RAD51 inactivator overcomes imatinib resistance in chronic myeloid leukaemia. <i>EMBO Molecular Medicine</i> , 2013, 5, 353-365.  | 3.3 | 81        |
| 8  | Never-in-mitosis related Kinase 1 functions in DNA damage response and checkpoint control. <i>Cell Cycle</i> , 2008, 7, 3194-3201.   | 1.3 | 75        |
| 9  | Nek1 kinase functions in DNA damage response and checkpoint control through a pathway independent of ATM and ATR. <i>Cell Cycle</i> , 2011, 10, 655-663.   | 1.3 | 69        |
| 10 | Mutation of NIMA-related kinase 1 (NEK1) leads to chromosome instability. <i>Molecular Cancer</i> , 2011, 10, 5.   | 7.9 | 45        |
| 11 | Purified Human SUV3p Exhibits Multiple-Substrate Unwinding Activity upon Conformational Change. <i>Biochemistry</i> , 2004, 43, 4781-4790.   | 1.2 | 41        |
| 12 | ATR Mutations Promote the Growth of Melanoma Tumors by Modulating the Immune Microenvironment. <i>Cell Reports</i> , 2017, 18, 2331-2342.  | 2.9 | 30        |
| 13 | Helicase SUV3, Polynucleotide Phosphorylase, and Mitochondrial Polyadenylation Polymerase Form a Transient Complex to Modulate Mitochondrial mRNA Polyadenylated Tail Lengths in Response to Energetic Changes. <i>Journal of Biological Chemistry</i> , 2014, 289, 16727-16735. | 1.6 | 29        |
| 14 | Dynamics of nevus development implicate cell cooperation in the growth arrest of transformed melanocytes. <i>ELife</i> , 2020, 9, .  | 2.8 | 22        |
| 15 | The Rhoj-BAD signaling network: An Achilles heel for BRAF mutant melanomas. <i>PLoS Genetics</i> , 2017, 13, e1006913.   | 1.5 | 20        |
| 16 | Uncoupling the Roles of the SUV3 Helicase in Maintenance of Mitochondrial Genome Stability and RNA Degradation. <i>Journal of Biological Chemistry</i> , 2011, 286, 38783-38794.   | 1.6 | 19        |
| 17 | Increased Nek1 expression in Renal Cell Carcinoma cells is associated with decreased sensitivity to DNA-damaging treatment. <i>Oncotarget</i> , 2014, 5, 4283-4294.  | 0.8 | 18        |
| 18 | Structure-based design of CDC42 effector interaction inhibitors for the treatment of cancer. <i>Cell Reports</i> , 2022, 39, 110641.   | 2.9 | 5         |