

# Douglas S Conklin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9537625/publications.pdf>

Version: 2024-02-01

39  
papers

5,142  
citations

279798

23  
h-index

345221

36  
g-index

40  
all docs

40  
docs citations

40  
times ranked

5890  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Bruton's Tyrosine Kinase and Its Isoforms in Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 668996.  | 3.7  | 20        |
| 2  | NDRG1 regulates neutral lipid metabolism in breast cancer cells. <i>Breast Cancer Research</i> , 2018, 20, 55.  | 5.0  | 64        |
| 3  | Global metabolite profiling analysis of lipotoxicity in HER2/neu-positive breast cancer cells. <i>Oncotarget</i> , 2018, 9, 27133-27150.  | 1.8  | 8         |
| 4  | Inertial Microfluidic Cell Stretcher (iMCS): Fully Automated, High-Throughput, and Near Real-Time Cell Mechanotyping. <i>Small</i> , 2017, 13, 1700705.   | 10.0 | 56        |
| 5  | Palmitate-induced ER stress increases trastuzumab sensitivity in HER2/neu-positive breast cancer cells. <i>BMC Cancer</i> , 2016, 16, 551.  | 2.6  | 31        |
| 6  | Bruton's Tyrosine Kinase Inhibitors Prevent Therapeutic Escape in Breast Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 2198-2208.  | 4.1  | 43        |
| 7  | Bruton's tyrosine kinase is a potential therapeutic target in prostate cancer. <i>Cancer Biology and Therapy</i> , 2015, 16, 1604-1615.   | 3.4  | 37        |
| 8  | Metabolic Assays for Detection of Neutral Fat Stores. <i>Bio-protocol</i> , 2015, 5, .  | 0.4  | 6         |
| 9  | The Novel Arsenical Darinaparsin Is Transported by Cystine Importing Systems. <i>Molecular Pharmacology</i> , 2014, 85, 576-585.  | 2.3  | 26        |
| 10 | In Search of Novel Drug Target Sites on Estrogen Receptors Using RNA Aptamers. <i>Nucleic Acid Therapeutics</i> , 2014, 24, 226-238.  | 3.6  | 10        |
| 11 | Lipid biology of breast cancer. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 1509-1517.  | 2.4  | 69        |
| 12 | PPAR $\beta$ maintains ERBB2-positive breast cancer stem cells. <i>Oncogene</i> , 2013, 32, 5512-5521.  | 5.9  | 66        |
| 13 | A novel isoform of the B cell tyrosine kinase BTK protects breast cancer cells from apoptosis. <i>Genes Chromosomes and Cancer</i> , 2013, 52, 961-975.   | 2.8  | 52        |
| 14 | An RNA Interference Screen Identifies Metabolic Regulators <i>NR1D1</i> and <i>PBP</i> as Novel Survival Factors for Breast Cancer Cells with the <i>ERBB2</i> Signature. <i>Cancer Research</i> , 2010, 70, 1783-1792. | 0.9  | 76        |
| 15 | Systems based mapping demonstrates that recovery from alkylation damage requires DNA repair, RNA processing, and translation associated networks. <i>Genomics</i> , 2009, 93, 42-51.                                    | 2.9  | 17        |
| 16 | Peroxisome proliferator-activated receptor- $\beta$ protects ERBB2-positive breast cancer cells from palmitate toxicity. <i>Breast Cancer Research</i> , 2009, 11, R16.   | 5.0  | 57        |
| 17 | Computational Identification of a p38SAPK-Regulated Transcription Factor Network Required for Tumor Cell Quiescence. <i>Cancer Research</i> , 2009, 69, 5664-5672.  | 0.9  | 152       |
| 18 | xCT expression reduces the early cell cycle requirement for calcium signaling. <i>Cellular Signalling</i> , 2008, 20, 390-399.  | 3.6  | 18        |

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|----|--|------|-----------|
| 19 | A molecular bar-coded DNA repair resource for pooled toxicogenomic screens. DNA Repair, 2008, 7, 1855-1868.  | 2.8  | 7         |
| 20 | Dual Function of Pancreatic Endoplasmic Reticulum Kinase in Tumor Cell Growth Arrest and Survival. Cancer Research, 2008, 68, 3260-3268.                                     | 0.9  | 97        |
| 21 | The spindle assembly checkpoint is satisfied in the absence of interkinetochore tension during mitosis with unreplicated genomes. Journal of Cell Biology, 2008, 183, 29-36. | 5.2  | 68        |
| 22 | MicroRNA Target Detection and Analysis for Genes Related to Breast Cancer Using MDLcompress. Eurasip Journal on Bioinformatics and Systems Biology, 2007, 2007, 1-16.        | 1.4  | 22        |
| 23 | Trm9-Catalyzed tRNA Modifications Link Translation to the DNA Damage Response. Molecular Cell, 2007, 28, 860-870.  | 9.7  | 275       |
| 24 | MicroRNA Target Detection and Analysis for Genes Related to Breast Cancer Using MDLcompress. Eurasip Journal on Bioinformatics and Systems Biology, 2007, 2007, 43670.       | 1.4  | 10        |
| 25 | Ribonomic and Short Hairpin RNA Gene Silencing Methods to Explore Functional Gene Programs Associated With Tumor Growth Arrest. , 2007, 383, 227-244.                        |      | 4         |
| 26 | An Improved Minimum Description Length Learning Algorithm for Nucleotide Sequence Analysis. , 2006, , .  |      | 3         |
| 27 | RNA Interference by Short Hairpin RNAs Expressed in Vertebrate Cells. , 2004, 257, 255-266.  |      | 57        |
| 28 | A resource for large-scale RNA-interference-based screens in mammals. Nature, 2004, 428, 427-431.  | 27.8 | 620       |
| 29 | RNA-Interference-Based Silencing of Mammalian Gene Expression. ChemInform, 2003, 34, no.   | 0.0  | 0         |
| 30 | RNA-Interference-Based Silencing of Mammalian Gene Expression. ChemBioChem, 2003, 4, 1033-1039.  | 2.6  | 8         |
| 31 | Germline transmission of RNAi in mice. Nature Structural Biology, 2003, 10, 91-92.   | 9.7  | 193       |
| 32 | High-Throughput Selection of Effective RNAi Probes for Gene Silencing. Genome Research, 2003, 13, 2333-2340.   | 5.5  | 154       |
| 33 | Short hairpin RNAs (shRNAs) induce sequence-specific silencing in mammalian cells. Genes and Development, 2002, 16, 948-958.   | 5.9  | 1,336     |
| 34 | RNA interference in adult mice. Nature, 2002, 418, 38-39.  | 27.8 | 1,043     |
| 35 | New tools for protein linkage mapping and general two-hybrid screening. Yeast, 1999, 15, 1761-1768.  | 1.7  | 18        |
| 36 | MOLECULAR GENETICS:MarX: An Approach to Genetics in Mammalian Cells. Science, 1999, 283, 1129-1130.  | 12.6 | 92        |

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|----|--|-----|-----------|
| 37 | 14-3-3 proteins associate with cdc25 phosphatases.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 7892-7896.  | 7.1 | 256       |
| 38 | Interactions between gene products involved in divalent cation transport in Saccharomyces cerevisiae. Molecular Genetics and Genomics, 1994, 244, 303-311. | 2.4 | 64        |
| 39 | Saccharomyces cerevisiaemutants sensitive to the antimalarial and antiarrhythmic drug, quinidine. FEMS Microbiology Letters, 1994, 119, 221-227.           | 1.8 | 6         |