

# Douglas S Conklin

## List of Publications by Year in descending order

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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	Short hairpin RNAs (shRNAs) induce sequence-specific silencing in mammalian cells. <i>Genes and Development</i> , 2002, 16, 948-958.	5.9	1,336
2	RNA interference in adult mice. <i>Nature</i> , 2002, 418, 38-39.	27.8	1,043
3	A resource for large-scale RNA-interference-based screens in mammals. <i>Nature</i> , 2004, 428, 427-431.	27.8	620
4	Trm9-Catalyzed tRNA Modifications Link Translation to the DNA Damage Response. <i>Molecular Cell</i> , 2007, 28, 860-870.	9.7	275
5	14-3-3 proteins associate with cdc25 phosphatases.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 7892-7896.	7.1	256
6	Germline transmission of RNAi in mice. <i>Nature Structural Biology</i> , 2003, 10, 91-92.	9.7	193
7	High-Throughput Selection of Effective RNAi Probes for Gene Silencing. <i>Genome Research</i> , 2003, 13, 2333-2340.	5.5	154
8	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
9	Dual Function of Pancreatic Endoplasmic Reticulum Kinase in Tumor Cell Growth Arrest and Survival. <i>Cancer Research</i> , 2008, 68, 3260-3268.	0.9	97
10	MOLECULAR GENETICS:MaRX: An Approach to Genetics in Mammalian Cells. <i>Science</i> , 1999, 283, 1129-1130.	12.6	92
11	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
12	Lipid biology of breast cancer. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 1509-1517.	2.4	69
13	The spindle assembly checkpoint is satisfied in the absence of interkinetochore tension during mitosis with unreplicated genomes. <i>Journal of Cell Biology</i> , 2008, 183, 29-36.	5.2	68
14	PPAR $\beta$ maintains ERBB2-positive breast cancer stem cells. <i>Oncogene</i> , 2013, 32, 5512-5521.	5.9	66
15	Interactions between gene products involved in divalent cation transport in <i>Saccharomyces cerevisiae</i> . <i>Molecular Genetics and Genomics</i> , 1994, 244, 303-311.	2.4	64
16	NDRG1 regulates neutral lipid metabolism in breast cancer cells. <i>Breast Cancer Research</i> , 2018, 20, 55.	5.0	64
17	RNA Interference by Short Hairpin RNAs Expressed in Vertebrate Cells. , 2004, 257, 255-266.		57
18	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

#	ARTICLE	IF	CITATIONS
19	Inertial Microfluidic Cell Stretcher (iMCS): Fully Automated, High-Throughput, and Near Real-Time Cell Mechanotyping. <i>Small</i> , 2017, 13, 1700705.	10.0	56
20	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
21	Bruton's Tyrosine Kinase Inhibitors Prevent Therapeutic Escape in Breast Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 2198-2208.	4.1	43
22	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
23	Palmitate-induced ER stress increases trastuzumab sensitivity in HER2/neu-positive breast cancer cells. <i>BMC Cancer</i> , 2016, 16, 551.	2.6	31
24	The Novel Arsenical Darinaparsin Is Transported by Cystine Importing Systems. <i>Molecular Pharmacology</i> , 2014, 85, 576-585.	2.3	26
25	MicroRNA Target Detection and Analysis for Genes Related to Breast Cancer Using MDLcompress. <i>Eurasip Journal on Bioinformatics and Systems Biology</i> , 2007, 2007, 1-16.	1.4	22
26	Bruton's Tyrosine Kinase and Its Isoforms in Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 668996.	3.7	20
27	New tools for protein linkage mapping and general two-hybrid screening. <i>Yeast</i> , 1999, 15, 1761-1768.	1.7	18
28	xCT expression reduces the early cell cycle requirement for calcium signaling. <i>Cellular Signalling</i> , 2008, 20, 390-399.	3.6	18
29	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
30	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
31	MicroRNA Target Detection and Analysis for Genes Related to Breast Cancer Using MDLcompress. <i>Eurasip Journal on Bioinformatics and Systems Biology</i> , 2007, 2007, 43670.	1.4	10
32	RNA-Interference-Based Silencing of Mammalian Gene Expression. <i>ChemBioChem</i> , 2003, 4, 1033-1039.	2.6	8
33	Global metabolite profiling analysis of lipotoxicity in HER2/neu-positive breast cancer cells. <i>Oncotarget</i> , 2018, 9, 27133-27150.	1.8	8
34	A molecular bar-coded DNA repair resource for pooled toxicogenomic screens. <i>DNA Repair</i> , 2008, 7, 1855-1868.	2.8	7
35	<i>Saccharomyces cerevisiae</i> mutants sensitive to the antimalarial and antiarrhythmic drug, quinidine. <i>FEMS Microbiology Letters</i> , 1994, 119, 221-227.	1.8	6
36	Metabolic Assays for Detection of Neutral Fat Stores. <i>Bio-protocol</i> , 2015, 5, .	0.4	6

#	ARTICLE	IF	CITATIONS
37	Ribonomic and Short Hairpin RNA Gene Silencing Methods to Explore Functional Gene Programs Associated With Tumor Growth Arrest. , 2007, 383, 227-244.		4
38	An Improved Minimum Description Length Learning Algorithm for Nucleotide Sequence Analysis. , 2006, , .		3
39	RNA-Interference-Based Silencing of Mammalian Gene Expression. ChemInform, 2003, 34, no.	0.0	0