

# Douglas A Weidner

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31  
papers

1,181  
citations

15  
h-index

34  
g-index

35  
ext. papers

1,294  
ext. citations

5.4  
avg, IF

3.7  
L-index

#	Paper	IF	Citations
31	Knockdown of N-Acetylglucosaminyltransferase-II Reduces Matrix Metalloproteinase 2 Activity and Suppresses Tumorigenicity in Neuroblastoma Cell Line. <i>Biology</i> , <b>2020</b> , 9,	4.9	3
30	Disruption of erythrocyte membrane asymmetry by triclosan is preceded by calcium dysregulation and p38 MAPK and RIP1 stimulation. <i>Chemosphere</i> , <b>2019</b> , 229, 103-111	8.4	17
29	Stimulation of eryptosis by broad-spectrum insect repellent N,N-Diethyl-3-methylbenzamide (DEET). <i>Toxicology and Applied Pharmacology</i> , <b>2019</b> , 370, 36-43	4.6	13
28	Lack of complex type N-glycans lessens aberrant neuronal properties. <i>PLoS ONE</i> , <b>2018</b> , 13, e0199202	3.7	3
27	Membrane Distribution and Activity of a Neuronal Voltage-Gated K <sup>+</sup> Channel is Modified by Replacement of Complex Type N-Glycans with Hybrid Type. <i>Journal of Glycobiology</i> , <b>2017</b> , 6,		3
26	Predominant Expression of Hybrid N-Glycans Has Distinct Cellular Roles Relative to Complex and Oligomannose N-Glycans. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	8
25	Soluble guanylyl cyclase-activated cyclic GMP-dependent protein kinase inhibits arterial smooth muscle cell migration independent of VASP-serine 239 phosphorylation. <i>Cellular Signalling</i> , <b>2016</b> , 28, 1364-79	4.9	14
24	Complex N-Glycans Influence the Spatial Arrangement of Voltage Gated Potassium Channels in Membranes of Neuronal-Derived Cells. <i>PLoS ONE</i> , <b>2015</b> , 10, e0137138	3.7	7
23	Cell surface N-glycans influence the level of functional E-cadherin at the cell-cell border. <i>FEBS Open Bio</i> , <b>2014</b> , 4, 892-7	2.7	15
22	Glycan structures contain information for the spatial arrangement of glycoproteins in the plasma membrane. <i>PLoS ONE</i> , <b>2013</b> , 8, e75013	3.7	16
21	Comparative study of 3D morphology and functions on genetically engineered mouse melanoma cells. <i>Integrative Biology (United Kingdom)</i> , <b>2012</b> , 4, 1428-36	3.7	24
20	Role of benzo[alpha]pyrene in generation of clustered DNA damage in human breast tissue. <i>Free Radical Biology and Medicine</i> , <b>2010</b> , 49, 77-87	7.8	14
19	Genetic transformation and gene silencing mediated by multiple copies of a transgene in eastern white pine. <i>Journal of Experimental Botany</i> , <b>2007</b> , 58, 545-54	7	112
18	Raf/MEK/ERK signalling triggers reactivation of Kaposi's sarcoma-associated herpesvirus latency. <i>Journal of General Virology</i> , <b>2006</b> , 87, 1139-1144	4.9	61
17	Efficient delivery of small interfering RNA to plant cells by a nanosecond pulsed laser-induced stress wave for posttranscriptional gene silencing. <i>Plant Science</i> , <b>2006</b> , 171, 375-81	5.3	22
16	Effect of detailed cell structure on light scattering distribution: FDTD study of a B-cell with 3D structure constructed from confocal images. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , <b>2006</b> , 102, 25-36	2.1	46
15	Differential gene silencing induced by short interfering RNA in cultured pine cells associates with the cell cycle phase. <i>Planta</i> , <b>2006</b> , 224, 53-60	4.7	1

14	Quantitative analysis of siRNA-mediated GFP silencing in transgenic pine cells. <i>Plant Science</i> , <b>2005</b> , 168, 741-746	5.3	4
13	Flow cytometry and fluorescence in situ hybridization to detect residual neuroblastoma cells in bone marrow. <i>Pediatric Blood and Cancer</i> , <b>2005</b> , 45, 787-95	3	7
12	Estrogen increases retrograde labeling of motoneurons: evidence of a nongenomic mechanism. <i>American Journal of Physiology - Cell Physiology</i> , <b>2004</b> , 287, C320-6	5.4	19
11	Protein kinase Cepsilon interacts with Bax and promotes survival of human prostate cancer cells. <i>Oncogene</i> , <b>2003</b> , 22, 7958-68	9.2	98
10	The anti-apoptotic genes Bcl-X(L) and Bcl-2 are over-expressed and contribute to chemoresistance of non-proliferating leukaemic CD34+ cells. <i>British Journal of Haematology</i> , <b>2002</b> , 118, 521-34	4.5	110
9	Physical and functional interaction between myeloid cell leukemia 1 protein (MCL1) and Fortilin. The potential role of MCL1 as a fortilin chaperone. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 37430-8	5.4	121
8	A leukemic stem cell with intrinsic drug efflux capacity in acute myeloid leukemia. <i>Blood</i> , <b>2001</b> , 98, 1166-73		289
7	Nitric oxide-dependent activation of p53 suppresses bleomycin-induced apoptosis in the lung. <i>Journal of Experimental Medicine</i> , <b>2000</b> , 192, 857-69	16.6	62
6	Inhibition of beta-globin gene expression by 3Fazido-3Tdeoxythymidine in human erythroid progenitor cells. <i>Antiviral Research</i> , <b>1999</b> , 44, 167-77	10.8	20
5	Phosphorothioate oligonucleotides bind in a non sequence-specific manner to the nucleolar protein C23/nucleolin. <i>FEBS Letters</i> , <b>1995</b> , 366, 146-50	3.8	52
4	Influence of template primary structure on 3Fazido-3Tdeoxythymidine triphosphate incorporation into DNA. <i>Antiviral Research</i> , <b>1993</b> , 21, 93-102	10.8	6
3	Beta globin gene transcripts originating in the promoter region during early hexamethylene bisacetamide and dimethylsulfoxide induction of Friend erythroleukemia cells. <i>Molecular and Cellular Biochemistry</i> , <b>1989</b> , 90, 175-83	4.2	4
2	Accurate in vitro initiation of beta-globin gene transcription in induced Friend-cell nuclei. <i>Gene</i> , <b>1986</b> , 45, 1-10	3.8	9
1	Nuclear beta-globin RNA transcripts initiated in vitro with gamma-thio nucleoside triphosphate. <i>Cell Biophysics</i> , <b>1983</b> , 5, 255-64		1