

Dianne J Watters

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3619253/dianne-j-watters-publications-by-citations.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63 papers	3,137 citations	30 h-index	55 g-index
64 ext. papers	3,288 ext. citations	5.5 avg, IF	4.72 L-index

#	Paper	IF	Citations
63	Interaction between ATM protein and c-Abl in response to DNA damage. <i>Nature</i> , 1997 , 387, 520-3	50.4	418
62	PKC-delta is an apoptotic lamin kinase. <i>Oncogene</i> , 2000 , 19, 2331-7	9.2	190
61	Ferritin functions as a proinflammatory cytokine via iron-independent protein kinase C zeta/nuclear factor kappaB-regulated signaling in rat hepatic stellate cells. <i>Hepatology</i> , 2009 , 49, 887-900	11.2	167
60	Cellular localisation of the ataxia-telangiectasia (ATM) gene product and discrimination between mutated and normal forms. <i>Oncogene</i> , 1997 , 14, 1911-21	9.2	158
59	Calpain activation is upstream of caspases in radiation-induced apoptosis. <i>Cell Death and Differentiation</i> , 1998 , 5, 1051-61	12.7	155
58	Localization of a portion of extranuclear ATM to peroxisomes. <i>Journal of Biological Chemistry</i> , 1999 , 274, 34277-82	5.4	146
57	Oxidative stress is responsible for deficient survival and dendritogenesis in purkinje neurons from ataxia-telangiectasia mutated mutant mice. <i>Journal of Neuroscience</i> , 2003 , 23, 11453-60	6.6	108
56	Molecular mechanisms of ionizing radiation-induced apoptosis. <i>Immunology and Cell Biology</i> , 1999 , 77, 263-71	5	102
55	Heteronuclear ribonucleoproteins C1 and C2, components of the spliceosome, are specific targets of interleukin 1beta-converting enzyme-like proteases in apoptosis. <i>Journal of Biological Chemistry</i> , 1996 , 271, 29335-41	5.4	100
54	Activation of ERK in renal fibrosis after unilateral ureteral obstruction: modulation by antioxidants. <i>Kidney International</i> , 2005 , 67, 931-43	9.9	98
53	Isolation of full-length ATM cDNA and correction of the ataxia-telangiectasia cellular phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 8021-6	11.5	95
52	Cyclozoline: A cytotoxic cyclic hexapeptide from the ascidian lissoclinum bistratum.. <i>Tetrahedron</i> , 1992 , 48, 341-348	2.4	81
51	The polyether bistratene A activates protein kinase C-delta and induces growth arrest in HL60 cells. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 222, 802-8	3.4	76
50	Relationship of the ataxia-telangiectasia protein ATM to phosphoinositide 3-kinase. <i>Trends in Biochemical Sciences</i> , 1995 , 20, 382-3	10.3	76
49	Resistance of actin to cleavage during apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 157-62	11.5	75
48	Structure-activity relationships of the lissoclinamides: cytotoxic cyclic peptides from the ascidian Lissoclinum patella. <i>Journal of Medicinal Chemistry</i> , 1990 , 33, 1634-8	8.3	72
47	Oxidative stress in ataxia telangiectasia. <i>Redox Report</i> , 2003 , 8, 23-9	5.9	71

46	Textilins from <i>Pseudonaja textilis textilis</i> . Characterization of two plasmin inhibitors that reduce bleeding in an animal model. <i>Blood Coagulation and Fibrinolysis</i> , 2000 , 11, 385-93	1	66
45	Role of protein kinase activity in apoptosis. <i>Experientia</i> , 1996 , 52, 979-94		59
44	Caspase-mediated cleavage of the ubiquitin-protein ligase Nedd4 during apoptosis. <i>Journal of Biological Chemistry</i> , 1998 , 273, 13524-30	5.4	52
43	Approaches to Learning by Students in the Biological Sciences: Implications for teaching. <i>International Journal of Science Education</i> , 2007 , 29, 19-43	2.2	50
42	Neurodegeneration in ataxia-telangiectasia: Multiple roles of ATM kinase in cellular homeostasis. <i>Developmental Dynamics</i> , 2018 , 247, 33-46	2.9	45
41	Epidermal growth factor sensitizes cells to ionizing radiation by down-regulating protein mutated in ataxia-telangiectasia. <i>Journal of Biological Chemistry</i> , 2001 , 276, 8884-91	5.4	45
40	Long-term retention of Fast Blue in sympathetic neurones after axotomy and regeneration—demonstration of incorrect reconnections. <i>Brain Research</i> , 1986 , 376, 292-8	3.7	38
39	ATM Is Upregulated During the Mitogenic Response in Peripheral Blood Mononuclear Cells. <i>Blood</i> , 1999 , 94, 1998-2006	2.2	36
38	Molecular forms and hydrodynamic properties of acetylcholine receptor from electric tissue. <i>FEBS Journal</i> , 1981 , 119, 215-23		35
37	The CIMP Phenotype in BRAF Mutant Serrated Polyps from a Prospective Colonoscopy Patient Cohort. <i>Gastroenterology Research and Practice</i> , 2014 , 2014, 374926	2	33
36	Defective signaling through the B cell antigen receptor in Epstein-Barr virus-transformed ataxia-telangiectasia cells. <i>Journal of Biological Chemistry</i> , 1997 , 272, 9489-95	5.4	32
35	Critical targets of protein kinase C in differentiation of tumour cells. <i>Biochemical Pharmacology</i> , 1999 , 58, 383-8	6	31
34	Toxins from ascidians. <i>Toxicon</i> , 1993 , 31, 1349-72	2.8	31
33	Ascidian Toxins with Potential for Drug Development. <i>Marine Drugs</i> , 2018 , 16,	6	30
32	Bistratene A causes phosphorylation of talin and redistribution of actin microfilaments in fibroblasts: possible role for PKC-delta. <i>Experimental Cell Research</i> , 1996 , 229, 327-35	4.2	29
31	The isolation and synthesis of 3-chloro-4-hydroxyphenylacetamide produced by a plant-associated microfungus of the genus <i>Xylaria</i> . <i>Tetrahedron Letters</i> , 2005 , 46, 919-921	2	27
30	Transcriptional downregulation of ATM by EGF is defective in ataxia-telangiectasia cells expressing mutant protein. <i>Oncogene</i> , 2001 , 20, 4281-90	9.2	26
29	Stimulation of melanogenesis in a human melanoma cell line by bistratene A. <i>Biochemical Pharmacology</i> , 1998 , 55, 1691-9	6	25

28	Sub-structure syntheses and relative stereochemistry in the bistramide (bistratene) series of marine metabolites. <i>Tetrahedron Letters</i> , 2002 , 43, 531-535	2	24
27	Stimulation of protein kinase C-dependent and -independent signaling pathways by bistratene A in intestinal epithelial cells. <i>Biochemical Pharmacology</i> , 2001 , 61, 1093-100	6	24
26	The bistratenes: new cytotoxic marine macrolides which induce some properties indicative of differentiation in HL-60 cells. <i>Biochemical Pharmacology</i> , 1990 , 39, 1609-14	6	22
25	Student understanding of pH: "i don't know what the log actually is, i only know where the button is on my calculator". <i>Biochemistry and Molecular Biology Education</i> , 2006 , 34, 278-84	1.3	20
24	Iron loading and oxidative stress in the Atm ^{-/-} mouse liver. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 300, G554-60	5.1	19
23	Fibrogenic stresses activate different mitogen-activated protein kinase pathways in renal epithelial, endothelial or fibroblast cell populations. <i>Nephrology</i> , 2003 , 8, 196-204	2.2	16
22	Cloning and expression of the ataxia-telangiectasia gene in baculovirus. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 245, 144-8	3.4	16
21	A monoclonal antibody to a parasympathetic neurotrophic factor causes immunoparasympathectomy in mice. <i>Brain Research</i> , 1988 , 475, 160-3	3.7	14
20	Bistratene A induces a microtubule-dependent block in cytokinesis and altered stathmin expression in HL60 cells. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 260, 80-8	3.4	13
19	Bistratene A: a novel compound causing changes in protein phosphorylation patterns in human leukemia cells. <i>Journal of Cellular Biochemistry</i> , 1992 , 49, 417-24	4.7	12
18	Genotoxic effects of bistratene A on human lymphocytes. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1996 , 367, 169-75		11
17	The effects of bistratene A on the development of Plasmodium falciparum in culture. <i>International Journal for Parasitology</i> , 1996 , 26, 117-21	4.3	11
16	Cytostatic and cytotoxic properties of the marine product bistratene A and analysis of the role of protein kinase C in its mode of action. <i>Biochemical Pharmacology</i> , 1993 , 45, 1753-61	6	10
15	Heteroatom-Interchanged Isomers of Lissoclinamide 5: Copper(II) Complexation, Halide Binding, and Biological Activity. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 1465-1476	3.2	7
14	Evaluation of the potential of transferrin-adriamycin conjugates in the treatment of bladder cancer. <i>BJU International</i> , 1998 , 82, 284-9	5.6	7
13	The absolute stereochemistry and cytotoxicity of the ascidian-derived metabolite, longithorone J. <i>Natural Product Research</i> , 2006 , 20, 1277-82	2.3	6
12	An investigation into student perceptions towards mathematics and their performance in first year chemistry: introduction of online maths skills support. <i>Chemistry Education Research and Practice</i> , 2016 , 17, 1203-1214	2.1	6
11	Approaches to determine the specific role of the delta isoform of protein kinase C. <i>Journal of Proteomics</i> , 1997 , 36, 51-61		5

10	ATM Is Upregulated During the Mitogenic Response in Peripheral Blood Mononuclear Cells. <i>Blood</i> , 1999 , 94, 1998-2006	2.2	5
9	Antibodies directed against functional sites on the acetylcholine receptor from Torpedo marmorata. <i>Journal of Receptors and Signal Transduction</i> , 1984 , 4, 671-9		4
8	Proteolytic targets in cell death. <i>Results and Problems in Cell Differentiation</i> , 1998 , 24, 25-44	1.4	4
7	Accumulation of HL-60 leukemia cells in G2/M and inhibition of cytokinesis caused by two marine compounds, bistratene A and cyclohexazoline. <i>Cancer Chemotherapy and Pharmacology</i> , 1994 , 33, 399-409	3.5	2
6	The Reluctance of Scientists to Engage in Peer Review of Teaching 2015 , 227-245		1
5	Undergraduate biochemistry student difficulties with topics requiring mathematical skills: use of an online maths skills support site. <i>Journal of Biological Education</i> , 2020 , 1-17	0.9	
4	Oxidative Stress and Ataxia-Telangiectasia 2006 , 499-518		
3	Radioresistant Burkitt's lymphoma cells exhibit defective MAPK signalling. <i>Drug Development Research</i> , 2001 , 52, 534-541	5.1	
2	Immunological analysis of nicotinic acetylcholine receptors. <i>Fresenius Zeitschrift für Analytische Chemie</i> , 1988 , 330, 312-312		
1	Online quiz for STEM assumed knowledge self-assessment by first year science students: a pilot study. <i>International Journal of Mathematical Education in Science and Technology</i> , 1-19	0.5	