Dermot Walls

List of Publications by Year in Descending Order

43 papers	1,352 citations	21 h-index	36 g-index
45 ext. papers	1,478 ext. citations	5.1 avg, IF	4.02 L-index

#	Paper	IF	Citations
43	Novel insights into the TRPV3-mediated itch in atopic dermatitis. *Journal of Allergy and Clinical Immunology*, **2021**, 147, 1110-1114.e5	11.5	9
42	Deoxynivalenol and Zearalenone-Synergistic or Antagonistic Agri-Food Chain Co-Contaminants?. *Toxins*, **2021**, 13,	4.9	6
41	Selenised yeast sources differ in their capacity to protect porcine jejunal epithelial cells from cadmium-induced toxicity and oxidised DNA damage. *BioMetals*, **2018**, 31, 845-858	3.4	3
40	Haemagglutinin-neuraminidase from HPIV3 mediates human NK regulation of T cell proliferation via NKp44 and NKp46. *Journal of General Virology*, **2018**, 99, 763-767	4.9	8
39	Purification of Polyhistidine-Tagged Proteins. *Methods in Molecular Biology*, **2017**, 1485, 275-303	1.4	10
38	Tagging Recombinant Proteins to Enhance Solubility and Aid Purification. *Methods in Molecular Biology*, **2017**, 1485, 131-156	1.4	9
37	A Synopsis of Proteins and Their Purification. *Methods in Molecular Biology*, **2017**, 1485, 3-14	1.4	1
36	Selenium Source Impacts Protection of Porcine Jejunal Epithelial Cells from Cadmium-Induced DNA Damage, with Maximum Protection Exhibited with Yeast-Derived Selenium Compounds. *Biological Trace Element Research*, **2017**, 176, 311-320	4.5	10
35	Protein Quantitation and Analysis of Purity. *Methods in Molecular Biology*, **2017**, 1485, 225-255	1.4	7
34	Structural behaviour and gene delivery in complexes formed between DNA and arginine-containing peptide amphiphiles. *Soft Matter*, **2016**, 12, 9158-9169	3.6	21
33	Identification and Characterization of Cyprinid Herpesvirus-3 (CyHV-3) Encoded MicroRNAs. *PLoS ONE*, **2015**, 10, e0125434	3.7	21
32	Hedgehog and Resident Vascular Stem Cell Fate. *Stem Cells International*, **2015**, 2015, 468428	5	16
31	Sequential glycan profiling at single cell level with the microfluidic lab-in-a-trench platform: a new era in experimental cell biology. *Lab on A Chip*, **2014**, 14, 3629-39	7.2	8
30	Repression of the proapoptotic cellular BIK/NBK gene by Epstein-Barr virus antagonizes transforming growth factor 1-induced B-cell apoptosis. *Journal of Virology*, **2014**, 88, 5001-13	6.6	19
29	Syntaxin-4 is essential for IgE secretion by plasma cells. *Biochemical and Biophysical Research Communications*, **2013**, 440, 163-7	3.4	7
28	Purification of poly-histidine-tagged proteins. *Methods in Molecular Biology*, **2011**, 681, 311-35	1.4	26
27	A digest of protein purification. *Methods in Molecular Biology*, **2011**, 681, 3-23	1.4	5

26	Tagging recombinant proteins to enhance solubility and aid purification. *Methods in Molecular Biology*, **2011**, 681, 151-75	1.4	79
25	Glycogen synthase kinase 3 beta positively regulates Notch signaling in vascular smooth muscle cells: role in cell proliferation and survival. *Basic Research in Cardiology*, **2011**, 106, 773-85	11.8	41
24	Bfl-1 is a crucial pro-survival nuclear factor-Β target gene in Hodgkin/Reed-Sternberg cells. *International Journal of Cancer*, **2011**, 129, 2787-96	7.5	2
23	Investigational Notch and Hedgehog inhibitors--therapies for cardiovascular disease. *Expert Opinion on Investigational Drugs*, **2011**, 20, 1649-64	5.9	10
22	Sonic Hedgehog induces Notch target gene expression in vascular smooth muscle cells via VEGF-A. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2009**, 29, 1112-8	9.4	52
21	CUX1/Wnt signaling regulates epithelial mesenchymal transition in EBV infected epithelial cells. *Experimental Cell Research*, **2009**, 315, 1819-31	4.2	29
20	Notch and vascular smooth muscle cell phenotype. *Circulation Research*, **2008**, 103, 1370-82	15.7	106
19	Alveolar epithelial cell injury with Epstein-Barr virus upregulates TGFbeta1 expression. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2008**, 295, L451-60	5.8	36
18	Temporal distribution of porcine circovirus 2 genogroups recovered from postweaning multisystemic wasting syndrome affected and nonaffected farms in Ireland and Northern Ireland. *Journal of Veterinary Diagnostic Investigation*, **2007**, 19, 668-73	1.5	22
17	Biomechanical regulation of hedgehog signaling in vascular smooth muscle cells in vitro and in vivo. *American Journal of Physiology - Cell Physiology*, **2007**, 292, C488-96	5.4	39
16	Manipulation of the toll-like receptor 7 signaling pathway by Epstein-Barr virus. *Journal of Virology*, **2007**, 81, 9748-58	6.6	96
15	Infection of pigs in Ireland with lymphotropic gamma-herpesviruses and relationship to postweaning multisystemic wasting syndrome. *Veterinary Microbiology*, **2006**, 116, 60-8	3.3	13
14	Epstein-Barr virus nuclear antigen 2 trans-activates the cellular antiapoptotic bfl-1 gene by a CBF1/RBPJ kappa-dependent pathway. *Journal of Virology*, **2006**, 80, 8133-44	6.6	21
13	Microarray identifies ADAM family members as key responders to TGF-beta1 in alveolar epithelial cells. *Respiratory Research*, **2006**, 7, 114	7.3	37
12	Modified His-tag fusion vector for enhanced protein purification by immobilized metal affinity chromatography. *Analytical Biochemistry*, **2006**, 355, 148-50	3.1	19
11	Cyclic strain inhibits Notch receptor signaling in vascular smooth muscle cells in vitro. *Circulation Research*, **2005**, 96, 567-75	15.7	118
10	Notch-mediated CBF-1/RBP-J{kappa}-dependent regulation of human vascular smooth muscle cell phenotype in vitro. *American Journal of Physiology - Cell Physiology*, **2005**, 289, C1188-96	5.4	90
9	Notch 1 and 3 receptor signaling modulates vascular smooth muscle cell growth, apoptosis, and migration via a CBF-1/RBP-Jk dependent pathway. *FASEB Journal*, **2004**, 18, 1421-3	0.9	111

8	Nuclear factor kappa B-dependent activation of the antiapoptotic bfl-1 gene by the Epstein-Barr virus latent membrane protein 1 and activated CD40 receptor. *Journal of Virology*, **2004**, 78, 1800-16	6.6	47
7	A rapid and sensitive PCR-based diagnostic assay to detect bovine herpesvirus 1 in routine diagnostic submissions. *Veterinary Microbiology*, **2000**, 75, 145-53	3.3	21
6	The bfl-1 gene is transcriptionally upregulated by the Epstein-Barr virus LMP1, and its expression promotes the survival of a Burkitt's lymphoma cell line. *Journal of Virology*, **2000**, 74, 6652-8	6.6	78
5	The Epstein-Barr virus determined nuclear antigens EBNA-3A, -3B, and -3C repress EBNA-2-mediated transactivation of the viral terminal protein 1 gene promoter. *Virology*, **1994**, 205, 596-602	3.6	80
4	Repression of the viral latent promoter BC-R2 in Epstein-Barr virus negative cell lines. *Biochemical and Biophysical Research Communications*, **1992**, 189, 1695-700	3.4	
3	The analysis of EBV proteins which are antigenic in vivo. *Nucleic Acids Research*, **1988**, 16, 2859-72	20.1	2
2	Genetic polymorphism of bovine chymosin. *Journal of Dairy Research*, **1986**, 53, 657-64	1.6	17
1	Pathogenetic Mechanisms in A lagille Syndrome1-10		