

# Dermot Walls

## List of Publications by Citations

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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	Cyclic strain inhibits Notch receptor signaling in vascular smooth muscle cells in vitro. <i>Circulation Research</i> , <b>2005</b> , 96, 567-75	15.7	118
42	Notch 1 and 3 receptor signaling modulates vascular smooth muscle cell growth, apoptosis, and migration via a CBF-1/RBP-Jk dependent pathway. <i>FASEB Journal</i> , <b>2004</b> , 18, 1421-3	0.9	111
41	Notch and vascular smooth muscle cell phenotype. <i>Circulation Research</i> , <b>2008</b> , 103, 1370-82	15.7	106
40	Manipulation of the toll-like receptor 7 signaling pathway by Epstein-Barr virus. <i>Journal of Virology</i> , <b>2007</b> , 81, 9748-58	6.6	96
39	Notch-mediated CBF-1/RBP-J{kappa}-dependent regulation of human vascular smooth muscle cell phenotype in vitro. <i>American Journal of Physiology - Cell Physiology</i> , <b>2005</b> , 289, C1188-96	5.4	90
38	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. <i>Virology</i> , <b>1994</b> , 205, 596-602	3.6	80
37	Tagging recombinant proteins to enhance solubility and aid purification. <i>Methods in Molecular Biology</i> , <b>2011</b> , 681, 151-75	1.4	79
36	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. <i>Journal of Virology</i> , <b>2000</b> , 74, 6652-8	6.6	78
35	Sonic Hedgehog induces Notch target gene expression in vascular smooth muscle cells via VEGF-A. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2009</b> , 29, 1112-8	9.4	52
34	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. <i>Journal of Virology</i> , <b>2004</b> , 78, 1800-16	6.6	47
33	Glycogen synthase kinase 3 beta positively regulates Notch signaling in vascular smooth muscle cells: role in cell proliferation and survival. <i>Basic Research in Cardiology</i> , <b>2011</b> , 106, 773-85	11.8	41
32	Biomechanical regulation of hedgehog signaling in vascular smooth muscle cells in vitro and in vivo. <i>American Journal of Physiology - Cell Physiology</i> , <b>2007</b> , 292, C488-96	5.4	39
31	Microarray identifies ADAM family members as key responders to TGF-beta1 in alveolar epithelial cells. <i>Respiratory Research</i> , <b>2006</b> , 7, 114	7.3	37
30	Alveolar epithelial cell injury with Epstein-Barr virus upregulates TGFbeta1 expression. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2008</b> , 295, L451-60	5.8	36
29	CUX1/Wnt signaling regulates epithelial mesenchymal transition in EBV infected epithelial cells. <i>Experimental Cell Research</i> , <b>2009</b> , 315, 1819-31	4.2	29
28	Purification of poly-histidine-tagged proteins. <i>Methods in Molecular Biology</i> , <b>2011</b> , 681, 311-35	1.4	26
27	Temporal distribution of porcine circovirus 2 genogroups recovered from postweaning multisystemic wasting syndrome affected and nonaffected farms in Ireland and Northern Ireland. <i>Journal of Veterinary Diagnostic Investigation</i> , <b>2007</b> , 19, 668-73	1.5	22

26	Identification and Characterization of Cyprinid Herpesvirus-3 (CyHV-3) Encoded MicroRNAs. <i>PLoS ONE</i> , <b>2015</b> , 10, e0125434	3.7	21
25	Epstein-Barr virus nuclear antigen 2 trans-activates the cellular antiapoptotic bfl-1 gene by a CBF1/RBPJ kappa-dependent pathway. <i>Journal of Virology</i> , <b>2006</b> , 80, 8133-44	6.6	21
24	A rapid and sensitive PCR-based diagnostic assay to detect bovine herpesvirus 1 in routine diagnostic submissions. <i>Veterinary Microbiology</i> , <b>2000</b> , 75, 145-53	3.3	21
23	Structural behaviour and gene delivery in complexes formed between DNA and arginine-containing peptide amphiphiles. <i>Soft Matter</i> , <b>2016</b> , 12, 9158-9169	3.6	21
22	Repression of the proapoptotic cellular BIK/NBK gene by Epstein-Barr virus antagonizes transforming growth factor $\beta$ -induced B-cell apoptosis. <i>Journal of Virology</i> , <b>2014</b> , 88, 5001-13	6.6	19
21	Modified His-tag fusion vector for enhanced protein purification by immobilized metal affinity chromatography. <i>Analytical Biochemistry</i> , <b>2006</b> , 355, 148-50	3.1	19
20	Genetic polymorphism of bovine chymosin. <i>Journal of Dairy Research</i> , <b>1986</b> , 53, 657-64	1.6	17
19	Hedgehog and Resident Vascular Stem Cell Fate. <i>Stem Cells International</i> , <b>2015</b> , 2015, 468428	5	16
18	Infection of pigs in Ireland with lymphotropic gamma-herpesviruses and relationship to postweaning multisystemic wasting syndrome. <i>Veterinary Microbiology</i> , <b>2006</b> , 116, 60-8	3.3	13
17	Purification of Polyhistidine-Tagged Proteins. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1485, 275-303	1.4	10
16	Selenium Source Impacts Protection of Porcine Jejunal Epithelial Cells from Cadmium-Induced DNA Damage, with Maximum Protection Exhibited with Yeast-Derived Selenium Compounds. <i>Biological Trace Element Research</i> , <b>2017</b> , 176, 311-320	4.5	10
15	Investigational Notch and Hedgehog inhibitors--therapies for cardiovascular disease. <i>Expert Opinion on Investigational Drugs</i> , <b>2011</b> , 20, 1649-64	5.9	10
14	Tagging Recombinant Proteins to Enhance Solubility and Aid Purification. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1485, 131-156	1.4	9
13	Novel insights into the TRPV3-mediated itch in atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 147, 1110-1114.e5	11.5	9
12	Sequential glycan profiling at single cell level with the microfluidic lab-in-a-trench platform: a new era in experimental cell biology. <i>Lab on A Chip</i> , <b>2014</b> , 14, 3629-39	7.2	8
11	Haemagglutinin-neuraminidase from HPIV3 mediates human NK regulation of T cell proliferation via NKp44 and NKp46. <i>Journal of General Virology</i> , <b>2018</b> , 99, 763-767	4.9	8
10	Syntaxin-4 is essential for IgE secretion by plasma cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2013</b> , 440, 163-7	3.4	7
9	Protein Quantitation and Analysis of Purity. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1485, 225-255	1.4	7

8	Deoxynivalenol and Zearalenone-Synergistic or Antagonistic Agri-Food Chain Co-Contaminants?. <i>Toxins</i> , <b>2021</b> , 13,	4.9	6
7	A digest of protein purification. <i>Methods in Molecular Biology</i> , <b>2011</b> , 681, 3-23	1.4	5
6	Selenised yeast sources differ in their capacity to protect porcine jejunal epithelial cells from cadmium-induced toxicity and oxidised DNA damage. <i>BioMetals</i> , <b>2018</b> , 31, 845-858	3.4	3
5	Bfl-1 is a crucial pro-survival nuclear factor- $\kappa$ B target gene in Hodgkin/Reed-Sternberg cells. <i>International Journal of Cancer</i> , <b>2011</b> , 129, 2787-96	7.5	2
4	The analysis of EBV proteins which are antigenic in vivo. <i>Nucleic Acids Research</i> , <b>1988</b> , 16, 2859-72	20.1	2
3	A Synopsis of Proteins and Their Purification. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1485, 3-14	1.4	1
2	Repression of the viral latent promoter BC-R2 in Epstein-Barr virus negative cell lines. <i>Biochemical and Biophysical Research Communications</i> , <b>1992</b> , 189, 1695-700	3.4	
1	Pathogenetic Mechanisms in A lagille Syndrome1-10		