

# Andrew P Gilmore

## List of Publications by Year in descending order

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29  
papers

2,437  
citations

394421

19  
h-index

477307

29  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3056  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of vinculin binding to talin and actin by phosphatidyl-inositol-4-5-bisphosphate. <i>Nature</i> , 1996, 381, 531-535.	27.8	508
2	Bcl-2 proteins and mitochondriaâ€™ specificity in membrane targeting for death. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 532-539.	4.1	280
3	Integrin-Mediated Survival Signals Regulate the Apoptotic Function of Bax through Its Conformation and Subcellular Localization. <i>Journal of Cell Biology</i> , 2000, 149, 431-446.	5.2	261
4	Bad-deficient mice develop diffuse large B cell lymphoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 9324-9329.	7.1	257
5	Bax Exists in a Dynamic Equilibrium between the Cytosol and Mitochondria to Control Apoptotic Priming. <i>Molecular Cell</i> , 2013, 49, 959-971.	9.7	201
6	Activation of BAD by Therapeutic Inhibition of Epidermal Growth Factor Receptor and Transactivation by Insulin-like Growth Factor Receptor. <i>Journal of Biological Chemistry</i> , 2002, 277, 27643-27650.	3.4	186
7	Spatial and temporal changes in Bax subcellular localization during anoikis. <i>Journal of Cell Biology</i> , 2003, 162, 599-612.	5.2	124
8	FAK engages multiple pathways to maintain survival of fibroblasts and epithelia â€™ differential roles for paxillin and p130Cas. <i>Journal of Cell Science</i> , 2009, 122, 357-367.	2.0	100
9	Translocation of Full-length Bid to Mitochondria during Anoikis. <i>Journal of Biological Chemistry</i> , 2004, 279, 32848-32857.	3.4	88
10	Nuclear decoupling is part of a rapid protein-level cellular response to high-intensity mechanical loading. <i>Nature Communications</i> , 2019, 10, 4149.	12.8	58
11	Mitochondrial residence of the apoptosis inducer BAX is more important than BAX oligomerization in promoting membrane permeabilization. <i>Journal of Biological Chemistry</i> , 2020, 295, 1623-1636.	3.4	40
12	Mitochondrial dynamics regulate genome stability via control of caspase-dependent DNA damage. <i>Developmental Cell</i> , 2022, 57, 1211-1225.e6.	7.0	37
13	Analysis of endogenous Bax complexes during apoptosis using blue native PAGE: implications for Bax activation and oligomerization. <i>Biochemical Journal</i> , 2008, 412, 347-357.	3.7	35
14	How adhesion signals reach a mitochondrial conclusion â€™ ECM regulation of apoptosis. <i>Current Opinion in Cell Biology</i> , 2009, 21, 654-661.	5.4	35
15	Phosphorylation of the Proapoptotic BH3-Only Protein Bid Primes Mitochondria for Apoptosis during Mitotic Arrest. <i>Cell Reports</i> , 2014, 7, 661-671.	6.4	34
16	Role for X-linked Inhibitor of Apoptosis Protein Upstream of Mitochondrial Permeabilization*. <i>Journal of Biological Chemistry</i> , 2010, 285, 1081-1088.	3.4	23
17	Inhibitor of Apoptosis Proteins: Promising Targets for Cancer Therapy. <i>Journal of Carcinogenesis &amp; Mutagenesis</i> , 2013, S14, .	0.3	23
18	Cryptic sites in vinculin. <i>Nature</i> , 1995, 373, 197-197.	27.8	22

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19	Axl Tyrosine Kinase Protects against Tubulo-Interstitial Apoptosis and Progression of Renal Failure in a Murine Model of Chronic Kidney Disease and Hyperphosphataemia. PLoS ONE, 2014, 9, e102096.	2.5	21
20	Oncogenic activation of FAK drives apoptosis suppression in a 3D-culture model of breast cancer initiation. Oncotarget, 2016, 7, 70336-70352.	1.8	20
21	Emerging approaches to target mitochondrial apoptosis in cancer cells. F1000Research, 2019, 8, 1793.	1.6	16
22	The Integrin-Mediated ILK-Parvin-1-Pix Signaling Axis Controls Differentiation in Mammary Epithelial Cells. Journal of Cellular Physiology, 2016, 231, 2408-2417.	4.1	14
23	Mitosis and mitochondrial priming for apoptosis. Biological Chemistry, 2016, 397, 595-605.	2.5	10
24	Apoptotic priming is defined by the dynamic exchange of Bcl-2 proteins between mitochondria and cytosol. Cell Death and Differentiation, 2022, 29, 2262-2274.	11.2	10
25	E2F1 interacts with BCL-2 and regulates its subcellular localization dynamics to trigger cell death. EMBO Reports, 2018, 19, 234-243.	4.5	7
26	Vinculins interaction with talin is essential for mammary epithelial differentiation. Scientific Reports, 2019, 9, 18400.	3.3	7
27	The requirement of integrins for breast epithelial proliferation. European Journal of Cell Biology, 2017, 96, 227-239.	3.6	6
28	BiOLD-based proteomic analysis of the Bid interactome identifies novel proteins involved in cell-cycle-dependent apoptotic priming. Cell Death and Disease, 2020, 11, 872.	6.3	6
29	Elevated EDAR signalling promotes mammary gland tumourigenesis with squamous metaplasia. Oncogene, 2022, 41, 1040-1049.	5.9	6