

Adrienne M Gorman

List of Publications by Year in descending order

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86
papers

16,154
citations

81900

39
h-index

62596

80
g-index

91
all docs

91
docs citations

91
times ranked

29791
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Mediators of endoplasmic reticulum stress-induced apoptosis. <i>EMBO Reports</i> , 2006, 7, 880-885.	4.5	2,033
3	The integrated stress response. <i>EMBO Reports</i> , 2016, 17, 1374-1395.	4.5	1,676
4	Cellular Stress Responses: Cell Survival and Cell Death. <i>International Journal of Cell Biology</i> , 2010, 2010, 1-23.	2.5	984
5	The eIF2 γ kinases: their structures and functions. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 3493-3511.	5.4	660
6	Endoplasmic reticulum stress signalling – from basic mechanisms to clinical applications. <i>FEBS Journal</i> , 2019, 286, 241-278.	4.7	568
7	On the role of Hsp27 in regulating apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2003, 8, 61-70.	4.9	455
8	Stress management at the ER: Regulators of ER stress-induced apoptosis. , 2012, 134, 306-316.		330
9	Unfolded proteins and endoplasmic reticulum stress in neurodegenerative disorders. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 2025-2039.	3.6	277
10	Targeting the endoplasmic reticulum-stress response as an anticancer strategy. <i>European Journal of Pharmacology</i> , 2009, 625, 234-246.	3.5	263
11	Neuronal cell death in neurodegenerative diseases: recurring themes around protein handling. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 2263-2280.	3.6	258
12	Stress-induced self-cannibalism: on the regulation of autophagy by endoplasmic reticulum stress. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2425-2441.	5.4	243
13	Glioblastoma and chemoresistance to alkylating agents: Involvement of apoptosis, autophagy, and unfolded protein response. , 2018, 184, 13-41.		230
14	Role of peroxide and superoxide anion during tumour cell apoptosis. <i>FEBS Letters</i> , 1997, 404, 27-33.	2.8	201
15	Inhibition of IRE1 RNase activity modulates the tumor cell secretome and enhances response to chemotherapy. <i>Nature Communications</i> , 2018, 9, 3267.	12.8	192
16	The unfolded protein response at the crossroads of cellular life and death during endoplasmic reticulum stress. <i>Biology of the Cell</i> , 2012, 104, 259-270.	2.0	176
17	Involvement of Akt in neurite outgrowth. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 2975-2984.	5.4	175
18	Oxidative stress and apoptosis in neurodegeneration. <i>Journal of the Neurological Sciences</i> , 1996, 139, 45-52.	0.6	163

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19	Effect of functionalized micropatterned PLGA on guided neurite growth. <i>Acta Biomaterialia</i> , 2009, 5, 580-588.	8.3	140
20	Antioxidant-mediated inhibition of the heat shock response leads to apoptosis. <i>FEBS Letters</i> , 1999, 445, 98-102.	2.8	123
21	Tumour Cell Secretome in Chemoresistance and Tumour Recurrence. <i>Trends in Cancer</i> , 2020, 6, 489-505.	7.4	101
22	Apoptosis in neuronal cells. <i>NeuroReport</i> , 1998, 9, R49-R55.	1.2	92
23	Nerve Growth Factor in Cancer Cell Death and Survival. <i>Cancers</i> , 2011, 3, 510-530.	3.7	92
24	Hsp27 inhibits 6-hydroxydopamine-induced cytochrome c release and apoptosis in PC12 cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 801-810.	2.1	89
25	Regulation of lipid metabolism by the unfolded protein response. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 1359-1370.	3.6	83
26	L-TRANS-Pyrrolidine-2,4-dicarboxylate and cis-1-aminocyclobutane-1, 3-dicarboxylate behave as transportable, competitive inhibitors of the high-affinity glutamate transporters. <i>Biochemical Pharmacology</i> , 1994, 47, 267-274.	4.4	82
27	Reactive oxygen intermediate(s) (ROI): Common mediator(s) of poly(ADP-ribose)polymerase (PARP) cleavage and apoptosis. <i>FEBS Letters</i> , 1996, 392, 299-303.	2.8	81
28	Dexamethasone pre-treatment interferes with apoptotic death in glioma cells. <i>Neuroscience</i> , 2000, 96, 417-425.	2.3	80
29	Apoptosis-the story so far.... <i>Experientia</i> , 1996, 52, 933-941.	1.2	72
30	Cytochrome c release and caspase-3 activation during colchicine-induced apoptosis of cerebellar granule cells. <i>European Journal of Neuroscience</i> , 1999, 11, 1067-1072.	2.6	72
31	Role of Mitochondria in Neuronal Apoptosis. <i>Developmental Neuroscience</i> , 2000, 22, 348-358.	2.0	72
32	The Unfolded Protein Response in Breast Cancer. <i>Cancers</i> , 2018, 10, 344.	3.7	62
33	Heat shock protects PC12 cells against MPP+ toxicity. <i>Brain Research</i> , 2003, 993, 133-139.	2.2	58
34	Crosstalk between inflammatory mediators and endoplasmic reticulum stress in liver diseases. <i>Cytokine</i> , 2019, 124, 154577.	3.2	54
35	Involvement of caspase-3 in photoreceptor cell apoptosis induced by in vivo blue light exposure. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 3349-54.	3.3	52
36	Use of flow cytometry techniques in studying mechanisms of apoptosis in leukemic cells. <i>Cytometry</i> , 1997, 29, 97-105.	1.8	48

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37	Application of a fluorometric assay to detect caspase activity in thymus tissue undergoing apoptosis in vivo. <i>Journal of Immunological Methods</i> , 1999, 226, 43-48.	1.4	48
38	Antiproliferative Action of Benzodiazepines in Cultured Brain Cells Is Not Mediated Through the Peripheral-Type Benzodiazepine Acceptor. <i>Journal of Neurochemistry</i> , 1989, 53, 849-855.	3.9	43
39	Cellular longevity: role of apoptosis and replicative senescence. <i>Biogerontology</i> , 2002, 3, 195-206.	3.9	43
40	Loss of cannabinoid CB1 receptor expression in the 6-hydroxydopamine-induced nigrostriatal terminal lesion model of Parkinson's disease in the rat. <i>Brain Research Bulletin</i> , 2010, 81, 543-548.	3.0	42
41	A close connection between the PERK and IRE arms of the UPR and the transcriptional regulation of autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 305-311.	2.1	42
42	Nerve growth factor blocks thapsigargin-induced apoptosis at the level of the mitochondrion via regulation of Bim. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 2482-2496.	3.6	38
43	The effect of laminin peptide gradient in enzymatically cross-linked collagen scaffolds on neurite growth. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 92A, 484-492.	4.0	38
44	The effects of cannabinoid drugs on abnormal involuntary movements in dyskinetic and non-dyskinetic 6-hydroxydopamine lesioned rats. <i>Brain Research</i> , 2010, 1363, 40-48.	2.2	36
45	Hypoxia induces neurite outgrowth in PC12 cells that is mediated through adenosine A2A receptors. <i>Neuroscience</i> , 2005, 131, 321-329.	2.3	35
46	Apoptotic morphology does not always require caspase activity in rat cerebellar granule neurons. <i>Neurotoxicity Research</i> , 2001, 3, 501-514.	2.7	34
47	Heat shock protein 27 in neuronal survival and neurite outgrowth. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 6-8.	2.1	34
48	Cell Stress and Cell Death. <i>International Journal of Cell Biology</i> , 2010, 2010, 1-2.	2.5	33
49	Nerve growth factor (NGF)-mediated regulation of p75NTR expression contributes to chemotherapeutic resistance in triple negative breast cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1541-1547.	2.1	33
50	HSPB1 facilitates ERK-mediated phosphorylation and degradation of BIM to attenuate endoplasmic reticulum stress-induced apoptosis. <i>Cell Death and Disease</i> , 2017, 8, e3026-e3026.	6.3	33
51	Inhibition of IRE1 β RNase activity reduces NLRP3 inflammasome assembly and processing of pro-IL1 β . <i>Cell Death and Disease</i> , 2019, 10, 622.	6.3	33
52	Disruption of microRNA Biogenesis Confers Resistance to ER Stress-Induced Cell Death Upstream of the Mitochondrion. <i>PLoS ONE</i> , 2013, 8, e73870.	2.5	32
53	Local intracerebral inhibition of IRE1 by MKC8866 sensitizes glioblastoma to irradiation/chemotherapy in vivo. <i>Cancer Letters</i> , 2020, 494, 73-83.	7.2	32
54	Dexamethasone inhibits apoptosis in C6 glioma cells through increased expression of Bcl-XL. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 1247-1255.	4.9	29

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55	RIP2 enhances cell survival by activation of NF- κ B in triple negative breast cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 115-121.	2.1	28
56	Regulated IRE1 α -dependent decay (RIDD)-mediated reprogramming of lipid metabolism in cancer. <i>Nature Communications</i> , 2022, 13, 2493.	12.8	28
57	In vitro screening for anticonvulsant-induced teratogenesis in neural primary cultures and cell lines. <i>International Journal of Developmental Neuroscience</i> , 1990, 8, 143-150.	1.6	27
58	Functionality of NGF-protected PC12 cells following exposure to 6-hydroxydopamine. <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 890-895.	2.1	27
59	Inhibition by Anandamide of 6-Hydroxydopamine-Induced Cell Death in PC12 Cells. <i>International Journal of Cell Biology</i> , 2010, 2010, 1-10.	2.5	25
60	Excitatory amino acid-induced cytotoxicity in primary cultures of mouse cerebellar granule cells correlates with elevated, sustained c-fos protooncogene expression. <i>Neuroscience Letters</i> , 1995, 191, 116-120.	2.1	24
61	Homology model of the human tRNA splicing ligase RtcB. <i>Proteins: Structure, Function and Bioinformatics</i> , 2017, 85, 1983-1993.	2.6	24
62	An Emerging Role for the Unfolded Protein Response in Pancreatic Cancer. <i>Cancers</i> , 2021, 13, 261.	3.7	24
63	Neurotrophins and B-cell malignancies. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 41-56.	5.4	19
64	Molecular modeling provides a structural basis for PERK inhibitor selectivity towards RIPK1. <i>RSC Advances</i> , 2020, 10, 367-375.	3.6	17
65	Sulphur-containing excitatory amino acid-stimulated inositol phosphate formation in primary cultures of cerebellar granule cells is mediated predominantly by N-methyl-d-aspartate receptors. <i>Neuroscience</i> , 1994, 59, 299-308.	2.3	15
66	Heat shock enhances NGF-induced neurite elongation which is not mediated by Hsp25 in PC12 cells. <i>Brain Research</i> , 2008, 1221, 14-23.	2.2	14
67	Current Concepts in ER Stress-Induced Apoptosis. <i>Journal of Carcinogenesis & Mutagenesis</i> , 0, s6, .	0.3	13
68	The IRE1 and PERK arms of the unfolded protein response promote survival of rhabdomyosarcoma cells. <i>Cancer Letters</i> , 2020, 490, 76-88.	7.2	11
69	The novel toluidine sulphonamide EL102 shows pre-clinical in vitro and in vivo activity against prostate cancer and circumvents MDR1 resistance. <i>British Journal of Cancer</i> , 2013, 109, 2131-2141.	6.4	10
70	Targeting the angio-proteostasis network: Combining the forces against cancer. , 2016, 167, 1-12.		10
71	Generation of rationally-designed nerve growth factor (NGF) variants with receptor specificity. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 700-705.	2.1	9
72	Binding Analysis of the Inositol-Requiring Enzyme 1 Kinase Domain. <i>ACS Omega</i> , 2018, 3, 13313-13322.	3.5	9

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73	The stressosome, a caspase-8-activating signalling complex assembled in response to cell stress in an ATG5-mediated manner. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 8809-8820.	3.6	9
74	Novel Pt(IV) Prodrugs Displaying Antimitochondrial Effects. <i>Molecular Pharmaceutics</i> , 2020, 17, 3009-3023.	4.6	8
75	Sustained <i>c-fos</i> expression is associated with excitotoxicity during the development of neuronal cells <i>in vitro</i> . <i>Biochemical Society Transactions</i> , 1996, 24, 6S-6S.	3.4	7
76	Role of Bcr-Abl Kinase in Resistance to Apoptosis. <i>Advances in Pharmacology</i> , 1997, 41, 533-552.	2.0	7
77	Induction of Autophagy. , 2015, , 91-101.		7
78	Effect of Kinase Inhibiting RNase Attenuator (KIRA) Compounds on the Formation of Face-to-Face Dimers of Inositol-Requiring Enzyme 1: Insights from Computational Modeling. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5538.	4.1	6
79	Time and region-dependent manner of increased brain derived neurotrophic factor and TrkB in rat brain after binge-like methamphetamine exposure. <i>Neuroscience Letters</i> , 2020, 715, 134606.	2.1	5
80	Application of a New Multiplexed Array for Rapid, Sensitive, Simultaneous and Quantitative Assessment of Spliced and Unspliced XBP1. <i>Biological Procedures Online</i> , 2019, 21, 22.	2.9	4
81	The Role of Hsps in Neuronal Differentiation and Development. , 2009, , 25-37.		4
82	Heat Shock Proteins and the Regulation of Apoptosis. , 2009, , 53-66.		3
83	Modulation by Ionotropic Excitatory Amino Acids and Potassium of ($\Delta\pm$)-1-Aminocyclopentane-trans-1,3-Dicarboxylic Acid-Stimulated Phosphoinositide Hydrolysis in Mouse Cerebellar Granule Cells. <i>Journal of Neurochemistry</i> , 2002, 65, 2473-2483.	3.9	2
84	Inhibition of IRE1 \pm RNase activity sensitizes patient-derived acute myeloid leukaemia cells to proteasome inhibitors. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 4629-4633.	3.6	2
85	Considerations and recent advances in neuroscience. <i>Biochemical Society Transactions</i> , 2009, 37, 299-302.	3.4	1
86	EIF2S1. , 2018, , 1512-1519.		0