Amanda McCann

List of Publications by Year
in descending order

70 papers	3,180 citations	172207 29 h-index	155451 55 g-index
73 all docs	73 docs citations	73 times ranked	5574 citing authors

#	Article	IF	Citations
1	Taxanes, microtubules and chemoresistant breast cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2008, 1785, 96-132.	3.3	313
2	The fate of chemoresistance in triple negative breast cancer (TNBC). BBA Clinical, 2015, 3, 257-275.	4.1	293
3	Hypoxia-induced epigenetic modifications are associated with cardiac tissue fibrosis and the development of a myofibroblast-like phenotype. Human Molecular Genetics, 2014, 23, 2176-2188.	1.4	235
4	Molecular Basis for Estrogen Receptor Â Deficiency in BRCA1-Linked Breast Cancer. Journal of the National Cancer Institute, 2007, 99, 1683-1694.	3.0	183
5	Epigenetics: The epicenter of the hypoxic response. Epigenetics, 2010, 5, 293-296.	1.3	157
6	c-erbB-2 oncoprotein expression in primary human tumors. Cancer, 1990, 65, 88-92.	2.0	137
7	Overexpression of the microRNA miRâ€433 promotes resistance to paclitaxel through the induction of cellular senescence in ovarian cancer cells. Cancer Medicine, 2015, 4, 745-758.	1.3	132
8	Prognostic significance of microvessel density in lymph node negative breast carcinoma. Human Pathology, 1995, 26, 1181-1184.	1.1	113
9	Amplification of the MDM2 gene in human breast cancer and its association with MDM2 and p53 protein status. British Journal of Cancer, 1995, 71, 981-985.	2.9	100
10	CENP-F expression is associated with poor prognosis and chromosomal instability in patients with primary breast cancer. International Journal of Cancer, 2007, 120, 1434-1443.	2.3	98
11	Generation of an epigenetic signature by chronic hypoxia in prostate cells. Human Molecular Genetics, 2009, 18, 3594-3604.	1.4	94
12	Targeting Proteotoxic Stress in Cancer: A Review of the Role that Protein Quality Control Pathways Play in Oncogenesis. Cancers, 2019, 11, 66.	1.7	73
13	Anxiety is associated with higher levels of global DNA methylation and altered expression of epigenetic and interleukin-6 genes. Psychiatric Genetics, 2015, 25, 71-78.	0.6	72
14	Elevated expression and altered processing of fibulin-1 protein in human breast cancer. British Journal of Cancer, 2003, 88, 871-878.	2.9	68
15	Epigenetic Effect of Cadmium on Global De Novo DNA Hypomethylation in the Cadmium-Induced Ventral Body Wall Defect (VBWD) in the Chick Model. Toxicological Sciences, 2011, 120, 475-480.	1.4	64
16	Low MAD2 expression levels associate with reduced progressionâ€free survival in patients with highâ€grade serous epithelial ovarian cancer. Journal of Pathology, 2012, 226, 746-755.	2.1	64
17	5-AZA-2'-deoxycytidine induced demethylation influencesN-glycosylation of secreted glycoproteins in ovarian cancer. Epigenetics, 2011, 6, 1362-1372.	1.3	63
18	A Protocol for Improved Precision and Increased Confidence in Nanoparticle Tracking Analysis Concentration Measurements between 50 and 120â€‰nm in Biological Fluids. Frontiers in Cardiovascular Medicine, 2017, 4, 68.	1.1	48

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19	Targeting histone deacetylase 3 (HDAC3) in the bone marrow microenvironment inhibits multiple myeloma proliferation by modulating exosomes and IL-6 trans-signaling. Leukemia, 2020, 34, 196-209.	3.3	48
20	A Multi-Centre Investigation Towards Reaching a Consensus on the Immunohistochemical Detection of ERÎ² in Archival Formalin-ï¬xed Paraffin Embedded Human Breast Tissue. Breast Cancer Research and Treatment, 2005, 92, 287-293.	1.1	45
21	Promoter switch: a novel mechanism causing biallelic PEG1/MEST expression in invasive breast cancer. Human Molecular Genetics, 2002, 11, 1449-1453.	1.4	44
22	Cellular senescence induced by aberrant MAD2 levels impacts on paclitaxel responsiveness in vitro. British Journal of Cancer, 2009, 101, 1900-1908.	2.9	44
23	Exosomes in triple negative breast cancer: Garbage disposals or Trojan horses?. Cancer Letters, 2020, 473, 90-97.	3.2	43
24	Epigenetic regulation of glycosylation and the impact on chemo-resistance in breast and ovarian cancer. Epigenetics, 2016, 11, 845-857.	1.3	39
25	Clarifying the mechanisms and resources that enable the reciprocal involvement of seldom heard groups in health and social care research: A collaborative rapid realist review process. Health Expectations, 2019, 22, 298-306.	1.1	39
26	The MyD88+ Phenotype Is an Adverse Prognostic Factor in Epithelial Ovarian Cancer. PLoS ONE, 2014, 9, e100816.	1.1	36
27	Gain of imprinting of SLC22A18 sense and antisense transcripts in human breast cancer. Genomics, 2006, 88, 12-17.	1.3	34
28	Overcoming multiple myeloma drug resistance in the era of cancer â€˜omicsâ€™. Leukemia and Lymphoma, 2018, 59, 542-561.	0.6	34
29	Small Interfering RNAs Induce Macrophage Migration Inhibitory Factor Production and Proliferation in Breast Cancer Cells via a Double-Stranded RNA-Dependent Protein Kinase-Dependent Mechanism. Journal of Immunology, 2008, 180, 7125-7133.	0.4	32
30	TheMASProto-oncogene Is Imprinted in Human Breast Tissue. Genomics, 1997, 46, 509-512.	1.3	24
31	Imprinted expression of the canine IGF2R, in the absence of an antiâ€sense transcript or promoter methylation. Evolution & Development, 2007, 9, 579-589.	1.1	22
32	Lipofuscin accumulation and autophagy in glaucomatous human lamina cribrosa cells. BMC Ophthalmology, 2014, 14, 153.	0.6	22
33	HDAC6 Degradation Inhibits the Growth of High-Grade Serous Ovarian Cancer Cells. Cancers, 2020, 12, 3734.	1.7	22
34	BAG3 promotes tumour cell proliferation by regulating EGFR signal transduction pathways in triple negative breast cancer. Oncotarget, 2018, 9, 15673-15690.	0.8	22
35	Hypoxia Alters Epigenetic and N-Glycosylation Profiles of Ovarian and Breast Cancer Cell Lines in-vitro. Frontiers in Oncology, 2020, 10, 1218.	1.3	20
36	Alpha T-catenin (CTNNA3): a gene in the hand is worth two in the nest. Cellular and Molecular Life Sciences, 2011, 68, 2493-2498.	2.4	18

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37	Too MAD or not MAD enough: The duplicitous role of the spindle assembly checkpoint protein MAD2 in cancer. Cancer Letters, 2020, 469, 11-21.	3.2	18
38	The role of von Willebrand factor in breast cancer metastasis. Translational Oncology, 2021, 14, 101033.	1.7	18
39	Progesterone receptor B (PRB) promoter hypermethylation in sporadic breast cancer. Breast Cancer Research and Treatment, 2008, 111, 45-53.	1.1	17
40	Spindle assembly checkpoint protein expression correlates with cellular proliferation and shorter time to recurrence in ovarian cancer. Human Pathology, 2014, 45, 1509-1519.	1.1	16
41	Exosomes as Biomarkers of Human and Feline Mammary Tumours; A Comparative Medicine Approach to Unravelling the Aggressiveness of TNBC. Biochimica Et Biophysica Acta: Reviews on Cancer, 2020, 1874, 188431.	3.3	15
42	Homocysteine levels impact directly on epigenetic reprogramming in astrocytes. Neurochemistry International, 2011, 58, 833-838.	1.9	13
43	Circulating Melanoma-Derived Extracellular Vesicles: Impact on Melanoma Diagnosis, Progression Monitoring, and Treatment Response. Pharmaceuticals, 2020, 13, 475.	1.7	13
44	What are the mechanisms that enable the reciprocal involvement of seldom heard groups in health and social care research? A rapid realist review protocol. HRB Open Research, 0, 1, 7.	0.3	13
45	c-erbB-2 oncoprotein expression in malignant and nonmalignant breast tissue. Irish Journal of Medical Science, 1989, 158, 137-140.	0.8	12
46	Alpha-T-catenin (CTNNA3) displays tumour specific monoallelic expression in urothelial carcinoma of the bladder. Genes Chromosomes and Cancer, 2007, 46, 587-593.	1.5	12
47	N-Linked glycosylation profiles of therapeutic induced senescent (TIS) triple negative breast cancer cells (TNBC) and their extracellular vesicle (EV) progeny. Molecular Omics, 2021, 17, 72-85.	1.4	12
48	The potential role of cofilin-1 in promoting triple negative breast cancer (TNBC) metastasis via the extracellular vesicles (EVs). Translational Oncology, 2022, 15, 101247.	1.7	12
49	Recurrence of Urothelial Carcinoma of the Bladder: A Role for Insulin-Like Growth Factor-II Loss of Imprinting and Cytoplasmic E-Cadherin Immunolocalization. Clinical Cancer Research, 2008, 14, 6829-6838.	3.2	11
50	5-AZA-dC induces epigenetic changes associated with modified glycosylation of secreted glycoproteins and increased EMT and migration in chemo-sensitive cancer cells. Clinical Epigenetics, 2021, 13, 34.	1.8	11
51	Urinary insulinâ€like growth factor 2 identifies the presence of urothelial carcinoma of the bladder. BJU International, 2009, 103, 694-697.	1.3	10
52	MAD2 downregulation in hypoxia is independent of promoter hypermethylation. Cell Cycle, 2010, 9, 2928-2937.	1.3	9
53	The association between MAD2 and prognosis in cancer: a systematic review and meta-analyses. Oncotarget, 2017, 8, 102223-102234.	0.8	9
54	Non-M CK â€" a practical measure of creatine kinase isoenzymes in cancer patients. Clinica Chimica Acta, 1990, 187, 309-315.	0.5	8

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55	Resident bacteria in breast cancer tissue: pathogenic agents or harmless commensals?. Discovery Medicine, 2018, 26, 93-102.	0.5	8
56	The Epitheliumâ€"Molecular Landscaping for an Interactive Barrier. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-1.	3.0	7
57	The role of the MAD2-TLR4-MyD88 axis in paclitaxel resistance in ovarian cancer. PLoS ONE, 2020, 15, e0243715.	1.1	7
58	MAD2 downregulation in hypoxia is independent of promoter hypermethylation. Cell Cycle, 2010, 9, 2856-65.	1.3	7
59	A comparative analysis of extracellular vesicles (EVs) from human and feline plasma. Scientific Reports, 2022, 12, .	1.6	7
60	Raman spectroscopy and SERS analysis of ovarian tumour derived exosomes (TEXs): a preliminary study. , 2014, , .		6
61	Argyrophylic nucleolar organiser regions (AgNORâ€™s) as a prognostic indicator in breast carcinoma. Irish Journal of Medical Science, 1992, 161, 112-115.	0.8	5
62	â€œCould you give us an idea on what we are all doing here?â€•the Patient Voice in Cancer Research (PVCR) starting the journey of involvement in Ireland. Research Involvement and Engagement, 2021, 7, 63.	1.1	4
63	Commentary on paper: 5-Aza-2â€²-deoxycytidine increases sialyl Lewis X on MUC1 by stimulating Î²-galactoside:Î±2,3-sialyltransferase 6 gene (Chachadi et al.). International Journal of Biochemistry and Cell Biology, 2012, 44, 737.	1.2	2
64	Has the National Fall in Smoking Rates in Ireland Been Replicated in Cancer Patients? A 5-Year Report. International Journal of Environmental Research and Public Health, 2022, 19, 2348.	1.2	2
65	Irish association for cancer research. Irish Journal of Medical Science, 1991, 160, 116-126.	0.8	0
66	Low MAD2 protein expression is a predictor of poor outcome after chemotherapy and radiotherapy in oestrogen receptor negative breast cancer patients. European Journal of Surgical Oncology, 2013, 39, S76.	0.5	0
67	The role of the MAD2-TLR4-MyD88 axis in paclitaxel resistance in ovarian cancer. , 2020, 15, e0243715.		0
68	The role of the MAD2-TLR4-MyD88 axis in paclitaxel resistance in ovarian cancer. , 2020, 15, e0243715.		0
69	The role of the MAD2-TLR4-MyD88 axis in paclitaxel resistance in ovarian cancer. , 2020, 15, e0243715.		0
70	The role of the MAD2-TLR4-MyD88 axis in paclitaxel resistance in ovarian cancer. , 2020, 15, e0243715.		0