

Roisin M Dwyer

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55
papers

2,370
citations

25
h-index

48
g-index

67
ext. papers

2,803
ext. citations

5.5
avg, IF

5.17
L-index

#	Paper	IF	Citations
55	Monocyte chemotactic protein-1 secreted by primary breast tumors stimulates migration of mesenchymal stem cells. <i>Clinical Cancer Research</i> , 2007 , 13, 5020-7	12.9	350
54	Potential role of mesenchymal stem cells (MSCs) in the breast tumour microenvironment: stimulation of epithelial to mesenchymal transition (EMT). <i>Breast Cancer Research and Treatment</i> , 2010 , 124, 317-26	4.4	222
53	Engineering Exosomes for Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	132
52	Inhibition of IRE1 RNase activity modulates the tumor cell secretome and enhances response to chemotherapy. <i>Nature Communications</i> , 2018 , 9, 3267	17.4	118
51	Exosome-encapsulated microRNAs as circulating biomarkers for breast cancer. <i>International Journal of Cancer</i> , 2016 , 139, 1443-8	7.5	108
50	Dysregulated miR-183 inhibits migration in breast cancer cells. <i>BMC Cancer</i> , 2010 , 10, 502	4.8	107
49	Mesenchymal stem cell secretion of chemokines during differentiation into osteoblasts, and their potential role in mediating interactions with breast cancer cells. <i>International Journal of Cancer</i> , 2009 , 124, 326-32	7.5	102
48	Employing mesenchymal stem cells to support tumor-targeted delivery of extracellular vesicle (EV)-encapsulated microRNA-379. <i>Oncogene</i> , 2018 , 37, 2137-2149	9.2	86
47	Advances in mesenchymal stem cell-mediated gene therapy for cancer. <i>Stem Cell Research and Therapy</i> , 2010 , 1, 25	8.3	85
46	In vivo radioiodide imaging and treatment of breast cancer xenografts after MUC1-driven expression of the sodium iodide symporter. <i>Clinical Cancer Research</i> , 2005 , 11, 1483-9	12.9	74
45	Mesenchymal Stem Cell-mediated delivery of the sodium iodide symporter supports radionuclide imaging and treatment of breast cancer. <i>Stem Cells</i> , 2011 , 29, 1149-57	5.8	67
44	miR-379 regulates cyclin B1 expression and is decreased in breast cancer. <i>PLoS ONE</i> , 2013 , 8, e68753	3.7	63
43	Sodium iodide symporter-mediated radioiodide imaging and therapy of ovarian tumor xenografts in mice. <i>Gene Therapy</i> , 2006 , 13, 60-6	4	57
42	Role of Extracellular Vesicles (EVs) in Cell Stress Response and Resistance to Cancer Therapy. <i>Cancers</i> , 2019 , 11,	6.6	53
41	Adenovirus-mediated and targeted expression of the sodium-iodide symporter permits in vivo radioiodide imaging and therapy of pancreatic tumors. <i>Human Gene Therapy</i> , 2006 , 17, 661-8	4.8	51
40	A preclinical large animal model of adenovirus-mediated expression of the sodium-iodide symporter for radioiodide imaging and therapy of locally recurrent prostate cancer. <i>Molecular Therapy</i> , 2005 , 12, 835-41	11.7	51
39	Tissue Iodine Content and Serum-Mediated ¹²⁵ I Uptake-Blocking Activity in Breast Cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 1245-1250	5.6	49

38	Transcriptome Characterization of Matched Primary Breast and Brain Metastatic Tumors to Detect Novel Actionable Targets. <i>Journal of the National Cancer Institute</i> , 2019 , 111, 388-398	9.7	45
37	MicroRNA-10a is reduced in breast cancer and regulated in part through retinoic acid. <i>BMC Cancer</i> , 2015 , 15, 345	4.8	40
36	Relationship between circulating and tissue microRNAs in a murine model of breast cancer. <i>PLoS ONE</i> , 2012 , 7, e50459	3.7	40
35	Impact of mesenchymal stem cell secreted PAI-1 on colon cancer cell migration and proliferation. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 435, 574-9	3.4	36
34	Mesenchymal stem cells and cancer: tumor-specific delivery vehicles or therapeutic targets?. <i>Human Gene Therapy</i> , 2010 , 21, 1506-12	4.8	33
33	Nanoparticle-Based Delivery of Tumor Suppressor microRNA for Cancer Therapy. <i>Cells</i> , 2020 , 9,	7.9	31
32	Mesenchymal stem cells in the colorectal tumor microenvironment: recent progress and implications. <i>International Journal of Cancer</i> , 2012 , 131, 1-7	7.5	31
31	Investigation of the effect of dehydration on tissue dielectric properties in ex vivo measurements. <i>Biomedical Physics and Engineering Express</i> , 2017 , 3, 045001	1.5	28
30	Dual plasmonic gold nanostars for photoacoustic imaging and photothermal therapy. <i>Nanomedicine</i> , 2017 , 12, 457-471	5.6	25
29	Screening of exosomal microRNAs from colorectal cancer cells. <i>Cancer Biomarkers</i> , 2016 , 17, 427-435	3.8	24
28	The sodium iodide symporter (NIS) and potential regulators in normal, benign and malignant human breast tissue. <i>PLoS ONE</i> , 2011 , 6, e16023	3.7	23
27	Amplification-free detection of microRNAs via a rapid microarray-based sandwich assay. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 3497-3505	4.4	21
26	Relationship between CCL5 and transforming growth factor- β (TGF β) in breast cancer. <i>European Journal of Cancer</i> , 2011 , 47, 1669-75	7.5	21
25	Circulating MicroRNAs in Cancer. <i>Methods in Molecular Biology</i> , 2017 , 1509, 123-139	1.4	16
24	Investigating the Potential and Pitfalls of EV-Encapsulated MicroRNAs as Circulating Biomarkers of Breast Cancer. <i>Cells</i> , 2020 , 9,	7.9	15
23	Influence of stromal-epithelial interactions on breast cancer in vitro and in vivo. <i>Breast Cancer Research and Treatment</i> , 2012 , 131, 401-11	4.4	14
22	S100 β as a serum marker in endocrine resistant breast cancer. <i>BMC Medicine</i> , 2017 , 15, 79	11.4	14
21	Design and performance of a small-animal imaging system using synthetic collimation. <i>Physics in Medicine and Biology</i> , 2013 , 58, 3397-412	3.8	14

20	Systemic chemokine levels in breast cancer patients and their relationship with circulating menstrual hormones. <i>Breast Cancer Research and Treatment</i> , 2009 , 115, 279-87	4.4	13
19	Impact of tumour epithelial subtype on circulating microRNAs in breast cancer patients. <i>PLoS ONE</i> , 2014 , 9, e90605	3.7	12
18	Objective assessment of image quality VI: imaging in radiation therapy. <i>Physics in Medicine and Biology</i> , 2013 , 58, 8197-213	3.8	10
17	Prospective Assessment of Systemic MicroRNAs as Markers of Response to Neoadjuvant Chemotherapy in Breast Cancer. <i>Cancers</i> , 2020 , 12,	6.6	10
16	Boron clusters as breast cancer therapeutics. <i>Journal of Inorganic Biochemistry</i> , 2021 , 218, 111412	4.2	10
15	Relative and Absolute Expression Analysis of MicroRNAs Associated with Luminal A Breast Cancer-A Comparison. <i>Pathology and Oncology Research</i> , 2020 , 26, 833-844	2.6	9
14	Solvent-selective routing for centrifugally automated solid-phase purification of RNA. <i>Microfluidics and Nanofluidics</i> , 2015 , 18, 859-871	2.8	8
13	Isolation of secreted microRNAs (miRNAs) from cell-conditioned media. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2013 , 2, 14-9	2.9	8
12	The sodium iodide symporter and thyroid disease. <i>Clinical Endocrinology</i> , 2002 , 56, 427-9	3.4	8
11	Extracellular Vesicles for Cancer Therapy: Impact of Host Immune Response. <i>Cells</i> , 2020 , 9,	7.9	7
10	Cross Platform Standardisation of an Experimental Pipeline for Use in the Identification of Dysregulated Human Circulating MiRNAs. <i>PLoS ONE</i> , 2015 , 10, e0137389	3.7	6
9	Targeting stromal cell Syndecan-2 reduces breast tumour growth, metastasis and limits immune evasion. <i>International Journal of Cancer</i> , 2021 , 148, 1245-1259	7.5	5
8	MicroRNAs in Molecular Classification and Pathogenesis of Breast Tumors. <i>Cancers</i> , 2021 , 13,	6.6	4
7	Extracellular vesicle release and uptake by the liver under normo- and hyperlipidemia. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 7589-7604	10.3	4
6	Hydrogels: 3D Drug Delivery Systems for Nanoparticles and Extracellular Vesicles. <i>Biomedicines</i> , 2021 , 9,	4.8	3
5	Nanoscale structure detection and monitoring of tumour growth with optical coherence tomography. <i>Nanoscale Advances</i> , 2020 , 2, 2853-2858	5.1	3
4	Oncological Risk in Autologous Stem Cell Donation for Novel Tissue-Engineering Approaches to Postmastectomy Breast Regeneration. <i>Breast Cancer: Basic and Clinical Research</i> , 2019 , 13, 1178223419864896 ¹	2.2	3
3	Effect of Breast Cancer and Adjuvant Therapy on Adipose-Derived Stromal Cells: Implications for the Role of ADSCs in Regenerative Strategies for Breast Reconstruction. <i>Stem Cell Reviews and Reports</i> , 2021 , 17, 523-538	7.3	1

- 2 Adenovirus-Mediated and Targeted Expression of the Sodium-Iodide Symporter Permits In Vivo Radioiodide Imaging and Therapy of Pancreatic Tumors. *Human Gene Therapy*, **2006**, 060801084750017 4.8
- 1 Diagnostic and Therapeutic Mesenchymal Stem Cells for Breast Cancer Treatment 145-158