

# Jacqueline F Donoghue

## List of Publications by Citations

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29  
papers

928  
citations

15  
h-index

30  
g-index

31  
ext. papers

1,134  
ext. citations

5.8  
avg. IF

3.72  
L-index

#	Paper	IF	Citations
29	Targeted drug delivery using genetically engineered diatom biosilica. <i>Nature Communications</i> , <b>2015</b> , 6, 8791	17.4	175
28	The plasticity of oncogene addiction: implications for targeted therapies directed to receptor tyrosine kinases. <i>Neoplasia</i> , <b>2009</b> , 11, 448-58, 2 p following 458	6.4	92
27	The regulation of mitochondrial DNA copy number in glioblastoma cells. <i>Cell Death and Differentiation</i> , <b>2013</b> , 20, 1644-53	12.7	81
26	The identification of mitochondrial DNA variants in glioblastoma multiforme. <i>Acta Neuropathologica Communications</i> , <b>2014</b> , 2, 1	7.3	79
25	Mitochondrial DNA copy number is regulated by DNA methylation and demethylation of POLGA in stem and cancer cells and their differentiated progeny. <i>Cell Death and Disease</i> , <b>2015</b> , 6, e1664	9.8	68
24	Endometrial angiogenesis, vascular maturation, and lymphangiogenesis. <i>Reproductive Sciences</i> , <b>2009</b> , 16, 147-51	3	58
23	Lymphangiogenesis of normal endometrium and endometrial adenocarcinoma. <i>Human Reproduction</i> , <b>2007</b> , 22, 1705-13	5.7	52
22	Comparative toxicity of synchrotron and conventional radiation therapy based on total and partial body irradiation in a murine model. <i>Scientific Reports</i> , <b>2018</b> , 8, 12044	4.9	47
21	EGFRvIII-mediated transactivation of receptor tyrosine kinases in glioma: mechanism and therapeutic implications. <i>Oncogene</i> , <b>2015</b> , 34, 5277-87	9.2	33
20	Activin-A secretion is increased in the eutopic endometrium from women with endometriosis. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , <b>2006</b> , 46, 148-53	1.7	29
19	Mesenchymal Niche-Derived Neuregulin-1 Drives Intestinal Stem Cell Proliferation and Regeneration of Damaged Epithelium. <i>Cell Stem Cell</i> , <b>2020</b> , 27, 646-662.e7	18	29
18	Glioma Specific Extracellular Missense Mutations in the First Cysteine Rich Region of Epidermal Growth Factor Receptor (EGFR) Initiate Ligand Independent Activation. <i>Cancers</i> , <b>2011</b> , 3, 2032-49	6.6	28
17	Non-agonistic bivalent antibodies that promote c-MET degradation and inhibit tumor growth and others specific for tumor related c-MET. <i>PLoS ONE</i> , <b>2012</b> , 7, e34658	3.7	26
16	Targeting Interleukin-11 Receptor- $\beta$ Impairs Human Endometrial Cancer Cell Proliferation and Invasion In Vitro and Reduces Tumor Growth and Metastasis In Vivo. <i>Molecular Cancer Therapeutics</i> , <b>2016</b> , 15, 720-30	6.1	22
15	Glioma-specific Domain IV EGFR cysteine mutations promote ligand-induced covalent receptor dimerization and display enhanced sensitivity to dacomitinib in vivo. <i>Oncogene</i> , <b>2015</b> , 34, 1658-66	9.2	18
14	Endometrial uNK cell counts do not predict successful implantation in an IVF population. <i>Human Reproduction</i> , <b>2019</b> , 34, 2456-2466	5.7	15
13	Vascular endothelial growth factor-D over-expressing tumor cells induce differential effects on uterine vasculature in a mouse model of endometrial cancer. <i>Reproductive Biology and Endocrinology</i> , <b>2010</b> , 8, 84	5	11

12	Dilated thin-walled blood and lymphatic vessels in human endometrium: a potential role for VEGF-D in progestin-induced break-through bleeding. <i>PLoS ONE</i> , <b>2012</b> , 7, e30916	3.7	11
11	Activation of ERBB4 in Glioblastoma Can Contribute to Increased Tumorigenicity and Influence Therapeutic Response. <i>Cancers</i> , <b>2018</b> , 10,	6.6	10
10	Fetal placental vascular responses to corticotropin-releasing hormone in vitro. Effects of variation in oxygen tension. <i>Placenta</i> , <b>2000</b> , 21, 711-7	3.4	9
9	Generation of immortalized human endometrial stromal cell lines with different endometriosis risk genotypes. <i>Molecular Human Reproduction</i> , <b>2019</b> , 25, 194-205	4.4	7
8	Axitinib Has Antiangiogenic and Antitumorigenic Activity in Myxoid Liposarcoma. <i>Sarcoma</i> , <b>2016</b> , 2016, 3484673	3.1	7
7	A simple guide screw method for intracranial xenograft studies in mice. <i>Journal of Visualized Experiments</i> , <b>2011</b> ,	1.6	5
6	A high-affinity ErbB4Fc fusion protein is a potent antagonist of heregulin-mediated receptor activation. <i>Growth Factors</i> , <b>2012</b> , 30, 310-9	1.6	4
5	Characterization of Diffuse Intrinsic Pontine Glioma Radiosensitivity using Synchrotron Microbeam Radiotherapy and Conventional Radiation Therapy In Vitro. <i>Radiation Research</i> , <b>2018</b> , 189, 146-155	3.1	3
4	The H2AX DSB marker may not be a suitable biodosimeter to measure the biological MRT valley dose. <i>International Journal of Radiation Biology</i> , <b>2021</b> , 97, 642-656	2.9	3
3	Differential Sensitivity of Human Hepatocellular Carcinoma Xenografts to an IGF-II Neutralizing Antibody May Involve Activated STAT3. <i>Translational Oncology</i> , <b>2018</b> , 11, 971-978	4.9	3
2	Elucidating the role of long intergenic non-coding RNA 339 in human endometrium and endometriosis. <i>Molecular Human Reproduction</i> , <b>2021</b> , 27,	4.4	2
1	Spatially Fractionated X-Ray Microbeams Elicit a More Sustained Immune and Inflammatory Response in the Brainstem than Homogenous Irradiation. <i>Radiation Research</i> , <b>2021</b> , 196, 355-365	3.1	0