

# Carol Murphy

## List of Publications by Year in descending order

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45  
papers

3,440  
citations

257450

24  
h-index

243625

44  
g-index

45  
all docs

45  
docs citations

45  
times ranked

4378  
citing authors

#	ARTICLE	IF	CITATIONS
1	EEA1 links PI(3)K function to Rab5 regulation of endosome fusion. <i>Nature</i> , 1998, 394, 494-498.	27.8	1,036
2	Oligomeric Complexes Link Rab5 Effectors with NSF and Drive Membrane Fusion via Interactions between EEA1 and Syntaxin 13. <i>Cell</i> , 1999, 98, 377-386.	28.9	460
3	Endosome dynamics regulated by a Rho protein. <i>Nature</i> , 1996, 384, 427-432.	27.8	209
4	Luteolin Inhibits Vascular Endothelial Growth Factor-Induced Angiogenesis; Inhibition of Endothelial Cell Survival and Proliferation by Targeting Phosphatidylinositol 3-Kinase Activity. <i>Cancer Research</i> , 2004, 64, 7936-7946.	0.9	194
5	VEGF Signals through ATF6 and PERK to Promote Endothelial Cell Survival and Angiogenesis in the Absence of ER Stress. <i>Molecular Cell</i> , 2014, 54, 559-572.	9.7	149
6	Rab17 Regulates Membrane Trafficking through Apical Recycling Endosomes in Polarized Epithelial Cells. <i>Journal of Cell Biology</i> , 1998, 140, 1039-1053.	5.2	132
7	Early Endosomal Regulation of Smad-dependent Signaling in Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 18046-18052.	3.4	132
8	Anti-angiogenesis in cancer therapy: Hercules and hydra. <i>Cancer Letters</i> , 2013, 338, 219-228.	7.2	92
9	Control of transforming growth factor $\beta$ signal transduction by small GTPases. <i>FEBS Journal</i> , 2009, 276, 2947-2965.	4.7	88
10	VEGF induces signalling and angiogenesis by directing VEGFR2 internalisation via macropinocytosis.. <i>Journal of Cell Science</i> , 2016, 129, 4091-4104.	2.0	80
11	Activin A Suppresses Neuroblastoma Xenograft Tumor Growth via Antimitotic and Antiangiogenic Mechanisms. <i>Cancer Research</i> , 2005, 65, 1877-1886.	0.9	75
12	Cholesterol-dependent Lipid Assemblies Regulate the Activity of the Ecto-nucleotidase CD39. <i>Journal of Biological Chemistry</i> , 2005, 280, 26406-26414.	3.4	74
13	Prothymosin $\beta$ interacts with the CREB-binding protein and potentiates transcription. <i>EMBO Reports</i> , 2002, 3, 361-366.	4.5	70
14	N-myc oncogene overexpression down-regulates IL-6; evidence that IL-6 inhibits angiogenesis and suppresses neuroblastoma tumor growth. <i>Oncogene</i> , 2002, 21, 3552-3561.	5.9	65
15	Analysis of tamoxifen and its metabolites in human plasma by gas chromatography-mass spectrometry (GC-MS) using selected ion monitoring (SIM). <i>The Journal of Steroid Biochemistry</i> , 1987, 26, 547-555.	1.1	57
16	VEGF autoregulates its proliferative and migratory ERK1/2 and p38 cascades by enhancing the expression of DUSP1 and DUSP5 phosphatases in endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 297, C1477-C1489.	4.6	55
17	Regulation of the Human C-reactive Protein Gene in Transgenic Mice. <i>Journal of Biological Chemistry</i> , 1995, 270, 704-708.	3.4	45
18	Nucleotide sequence of the bovine insulin-like growth factor 1 (IGF-1) and its IGF-1A precursor. <i>Nucleic Acids Research</i> , 1990, 18, 676-676.	14.5	36

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19	The isoflavone metabolite 6-methoxyequol inhibits angiogenesis and suppresses tumor growth. <i>Molecular Cancer</i> , 2012, 11, 35.	19.2	36
20	Analysis of tamoxifen, N-desmethyltamoxifen and 4-hydroxytamoxifen levels in cytosol and KCl-nuclear extracts of breast tumours from tamoxifen treated patients by gas chromatography-mass spectrometry (GC-MS) using selected ion monitoring (SIM). <i>The Journal of Steroid Biochemistry</i> , 1987, 28, 609-618.	1.1	32
21	Dual function of rhoD in vesicular movement and cell motility. <i>European Journal of Cell Biology</i> , 2001, 80, 391-398.	3.6	31
22	SARA and RNF11 interact with each other and ESCRT-0 core proteins and regulate degradative EGFR trafficking. <i>Oncogene</i> , 2013, 32, 5220-5232.	5.9	30
23	N-myconcogene overexpression down-regulates leukemia inhibitory factor in neuroblastoma. <i>FEBS Journal</i> , 2002, 269, 3732-3741.	0.2	29
24	Generation of stem cell-based bioartificial anterior cruciate ligament (ACL) grafts for effective ACL rupture repair. <i>Stem Cell Research</i> , 2016, 17, 448-457.	0.7	25
25	Tissue Engineering Using Vascular Organoids From Human Pluripotent Stem Cell Derived Mural Cell Phenotypes. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 278.	4.1	24
26	ERBIN is a new SARA-interacting protein: competition between SARA and SMAD2 and SMAD3 for binding to ERBIN. <i>Journal of Cell Science</i> , 2011, 124, 3209-3222.	2.0	23
27	RhoD participates in the regulation of cell-cycle progression and centrosome duplication. <i>Oncogene</i> , 2013, 32, 1831-1842.	5.9	22
28	altFGF-2, A Novel ER-Associated FGF-2 Protein Isoform: Its Embryonic Distribution and Functional Analysis during Neural Tube Development. <i>Developmental Biology</i> , 1996, 180, 680-692.	2.0	20
29	Development of programmable gemcitabine-GnRH pro-drugs bearing linker controllable $\alpha$ -oxime bond tethers and preclinical evaluation against prostate cancer. <i>European Journal of Medicinal Chemistry</i> , 2021, 211, 113018.	5.5	20
30	MYCN Oncogene and Angiogenesis: Down-Regulation of Endothelial Growth Inhibitors in Human Neuroblastoma Cells. <i>Advances in Experimental Medicine and Biology</i> , 2000, 476, 239-248.	1.6	15
31	VEGF signaling, mTOR complexes, and the endoplasmic reticulum: Towards a role of metabolic sensing in the regulation of angiogenesis. <i>Molecular and Cellular Oncology</i> , 2014, 1, e964024.	0.7	12
32	Generation of human induced pluripotent stem cells in defined, feeder-free conditions. <i>Stem Cell Research</i> , 2016, 17, 458-460.	0.7	11
33	Endo-fin-ally a SARA for BMP receptors. <i>Journal of Cell Science</i> , 2007, 120, 1153-1155.	2.0	10
34	Proteome Changes during Transition from Human Embryonic to Vascular Progenitor Cells. <i>Journal of Proteome Research</i> , 2016, 15, 1995-2007.	3.7	10
35	SARA and RNF11 at the Crossroads of EGFR Signaling and Trafficking. <i>Methods in Enzymology</i> , 2014, 535, 225-247.	1.0	9
36	VEGF induces signalling and angiogenesis by directing VEGFR2 internalisation through macropinocytosis. <i>Development (Cambridge)</i> , 2016, 143, e1.1-e1.1.	2.5	9

#	ARTICLE	IF	CITATIONS
37	Analysis of tamoxifen and 4-hydroxytamoxifen levels in immature rat uterine cytoplasm and KCL-nuclear extracts by gas chromatography-mass spectrometry (GC-MS) using selected ion monitoring (SIM). <i>The Journal of Steroid Biochemistry</i> , 1987, 28, 289-299.	1.1	5
38	Embryonic stem cells are devoid of macropinocytosis, a trafficking pathway for activin A in differentiated cells. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	4
39	The RhoD to centrosomal duplication. <i>Small GTPases</i> , 2013, 4, 116-122.	1.6	3
40	Combined transcriptomic and phosphoproteomic analysis of BMP4 signaling in human embryonic stem cells. <i>Stem Cell Research</i> , 2021, 50, 102133.	0.7	3
41	Development of novel GnRH and Tat <sup>48-60</sup> based luminescent probes with enhanced cellular uptake and bioimaging profile. <i>Dalton Transactions</i> , 2021, 50, 9215-9224.	3.3	3
42	[34] Expression of Rab proteins during mouse embryonic development. <i>Methods in Enzymology</i> , 1995, 257, 324-332.	1.0	2
43	Translational control in neurovascular brain development. <i>Royal Society Open Science</i> , 2021, 8, 211088.	2.4	2
44	Supporting data on combined transcriptomic and phosphoproteomic analysis of BMP4 signaling in human embryonic stem cells. <i>Data in Brief</i> , 2021, 35, 106844.	1.0	1
45	Culturing Human Pluripotent Stem Cells on Micropatterned Silicon Surfaces. <i>Methods in Molecular Biology</i> , 2021, , 1.	0.9	0