Jim C Norman

List of Publications by Year
in descending order

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81 papers	9,289 citations	46918 47 h-index	62479 80 g-index
85 all docs	85 docs citations	85 times ranked	12297 citing authors

#	Article	IF	Citations
1	Mutant p53 Drives Invasion by Promoting Integrin Recycling. Cell, 2009, 139, 1327-1341.	13.5	694
2	Integrins: masters and slaves of endocytic transport. Nature Reviews Molecular Cell Biology, 2009, 10, 843-853.	16.1	443
3	Stimulation of tumor growth and angiogenesis by low concentrations of RGD-mimetic integrin inhibitors. Nature Medicine, 2009, 15, 392-400.	15.2	428
4	p53 and its mutants in tumor cell migration and invasion. Journal of Cell Biology, 2011, 192, 209-218.	2.3	411
5	Rab25 Associates with Î±5Î²1 Integrin to Promote Invasive Migration in 3D Microenvironments. Developmental Cell, 2007, 13, 496-510.	3.1	369
6	Rab-coupling protein coordinates recycling of Î±5Î²1 integrin and EGFR1 to promote cell migration in 3D microenvironments. Journal of Cell Biology, 2008, 183, 143-155.	2.3	354
7	PDGF-regulated rab4-dependent recycling of Î±vÎ²3 integrin from early endosomes is necessary for cell adhesion and spreading. Current Biology, 2001, 11, 1392-1402.	1.8	337
8	Integrin Trafficking and the Control of Cell Migration. Traffic, 2006, 7, 14-21.	1.3	290
9	Structure and function of the complex formed by the tuberculosis virulence factors CFP-10 and ESAT-6. EMBO Journal, 2005, 24, 2491-2498.	3.5	282
10	Rab25 and CLIC3 Collaborate to Promote Integrin Recycling from Late Endosomes/Lysosomes and Drive Cancer Progression. Developmental Cell, 2012, 22, 131-145.	3.1	275
11	Mechanisms of integrin activation and trafficking. Current Opinion in Cell Biology, 2011, 23, 607-614.	2.6	266
12	Endocytic recycling pathways: emerging regulators of cell migration. Current Opinion in Cell Biology, 2006, 18, 549-557.	2.6	256
13	Neuropilin-1/GIPC1 Signaling Regulates Î±5Î²1 Integrin Traffic and Function in Endothelial Cells. PLoS Biology, 2009, 7, e1000025.	2.6	246
14	RhoB and Actin Polymerization Coordinate Src Activation with Endosome-Mediated Delivery to the Membrane. Developmental Cell, 2004, 7, 855-869.	3.1	235
15	Î±vÎ²3 and Î±5Î²1 integrin recycling pathways dictate downstream Rho kinase signaling to regulate persistent cell migration. Journal of Cell Biology, 2007, 177, 515-525.	2.3	219
16	Endocytic transport of integrins during cell migration and invasion. Trends in Cell Biology, 2008, 18, 257-263.	3.6	216
17	A Stromal Lysolipidâ€“Autotaxin Signaling Axis Promotes Pancreatic Tumor Progression. Cancer Discovery, 2019, 9, 617-627.	7.7	209
18	PKD1/PKCÎ¼ promotes Î±vÎ²3 integrin recycling and delivery to nascent focal adhesions. EMBO Journal, 2004, 23, 2531-2543.	3.5	167

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19	VEGF regulates the mobilization of VEGFR2/KDR from an intracellular endothelial storage compartment. Blood, 2006, 108, 2624-2631.	0.6	166
20	Integrin trafficking at a glance. Journal of Cell Science, 2012, 125, 3695-3701.	1.2	164
21	P-Rex1 is required for efficient melanoblast migration and melanoma metastasis. Nature Communications, 2011, 2, 555.	5.8	152
22	N-WASP coordinates the delivery and F-actinâ€“mediated capture of MT1-MMP at invasive pseudopods. Journal of Cell Biology, 2012, 199, 527-544.	2.3	151
23	Protein Kinase B/Akt Acts via Glycogen Synthase Kinase 3 To Regulate Recycling of Î±vÎ²3 and Î±5Î²1 Integrins. Molecular and Cellular Biology, 2004, 24, 1505-1515.	1.1	141
24	The Arp2/3 activator WASH regulates Î±5Î²1-integrin-mediated invasive migration. Journal of Cell Science, 2011, 124, 3753-3759.	1.2	127
25	Diacylglycerol kinase Î± controls RCP-dependent integrin trafficking to promote invasive migration. Journal of Cell Biology, 2012, 196, 277-295.	2.3	126
26	Rab11 and Its Effector Rab Coupling Protein Contribute to the Trafficking of Î²1 Integrins during Axon Growth in Adult Dorsal Root Ganglion Neurons and PC12 Cells. Journal of Neuroscience, 2010, 30, 11654-11669.	1.7	124
27	RCP-driven Î±5Î²1 recycling suppresses Rac and promotes RhoA activity via the RacGAP1â€“IQGAP1 complex. Journal of Cell Biology, 2013, 202, 917-935.	2.3	119
28	Ligand-Occupied Integrin Internalization Links Nutrient Signaling to Invasive Migration. Cell Reports, 2015, 10, 398-413.	2.9	101
29	Rab5c promotes AMAP1â€“PRKD2 complex formation to enhance Î²1 integrin recycling in EGF-induced cancer invasion. Journal of Cell Biology, 2012, 197, 983-996.	2.3	93
30	B-Raf Acts via the ROCKII/LIMK/Cofilin Pathway To Maintain Actin Stress Fibers in Fibroblasts. Molecular and Cellular Biology, 2004, 24, 5937-5952.	1.1	91
31	ARF6 Directs Axon Transport and Traffic of Integrins and Regulates Axon Growth in Adult DRG Neurons. Journal of Neuroscience, 2012, 32, 10352-10364.	1.7	91
32	Mutant p53s generate pro-invasive niches by influencing exosome podocalyxin levels. Nature Communications, 2018, 9, 5069.	5.8	91
33	Basic Fibroblast Growth Factor Activates the MAPK and NFÎºB Pathways That Converge on Elk-1 to Control Production of Matrix Metalloproteinase-13 by Human Adult Articular Chondrocytes. Journal of Biological Chemistry, 2007, 282, 31409-31421.	1.6	90
34	Paxillin Associates with Poly(A)-binding Protein 1 at the Dense Endoplasmic Reticulum and the Leading Edge of Migrating Cells. Journal of Biological Chemistry, 2002, 277, 6428-6437.	1.6	87
35	Distinct Roles of Talin and Kindlin in Regulating Integrin Î±5Î²1 Function and Trafficking. Current Biology, 2012, 22, 1554-1563.	1.8	87
36	CLIC3 controls recycling of late endosomal MT1-MMP and dictates invasion and metastasis in breast cancer. Journal of Cell Science, 2014, 127, 3893-901.	1.2	85

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37	Epigenetic inactivation of protein kinase D1 in gastric cancer and its role in gastric cancer cell migration and invasion. Carcinogenesis, 2007, 29, 629-637.	1.3	84
38	Neuropilin-1â€“Dependent Regulation of EGF-Receptor Signaling. Cancer Research, 2012, 72, 5801-5811.	0.4	84
39	Secreted CLIC3 drives cancer progression through its glutathione-dependent oxidoreductase activity. Nature Communications, 2017, 8, 14206.	5.8	81
40	hnRNP A2 Regulates Alternative mRNA Splicing of TP53INP2 to Control Invasive Cell Migration. Cancer Research, 2009, 69, 9219-9227.	0.4	71
41	Aquaporin 2 Promotes Cell Migration and Epithelial Morphogenesis. Journal of the American Society of Nephrology: JASN, 2012, 23, 1506-1517.	3.0	68
42	Glutaminolysis drives membrane trafficking to promote invasiveness of breast cancer cells. Nature Communications, 2017, 8, 2255.	5.8	65
43	Differential uptake, kinetics and mechanisms of intracellular trafficking of next-generation antisense oligonucleotides across human cancer cell lines. Nucleic Acids Research, 2019, 47, 4375-4392.	6.5	65
44	Mutant p53 Regulates Dicer through p63-dependent and -independent Mechanisms to Promote an Invasive Phenotype. Journal of Biological Chemistry, 2014, 289, 122-132.	1.6	61
45	The Initiator Methionine tRNA Drives Secretion of Type II Collagen from Stromal Fibroblasts to Promote Tumor Growth and Angiogenesis. Current Biology, 2016, 26, 755-765.	1.8	57
46	ERK2 drives tumour cell migration in 3D microenvironments by suppressing expression of Rab17 and Liprin-Î²2. Journal of Cell Science, 2012, 125, 1465-77.	1.2	56
47	PKD Controls Î±vÎ²3 Integrin Recycling and Tumor Cell Invasive Migration through Its Substrate Rabaptin-5. Developmental Cell, 2012, 23, 560-572.	3.1	52
48	Late endosomal and lysosomal trafficking during integrinâ€mediated cell migration and invasion. BioEssays, 2013, 35, 523-532.	1.2	51
49	ERK1 Associates with Î±vÎ²3 Integrin and Regulates Cell Spreading on Vitronectin. Journal of Biological Chemistry, 2003, 278, 1975-1985.	1.6	48
50	SPRY2 loss enhances ErbB trafficking and PI3K/AKT signalling to drive human and mouse prostate carcinogenesis. EMBO Molecular Medicine, 2012, 4, 776-790.	3.3	46
51	PINK1 drives production of mtDNA-containing extracellular vesicles to promote invasiveness. Journal of Cell Biology, 2021, 220, .	2.3	46
52	Interaction of Paxillin with Poly(A)-Binding Protein 1 and Its Role in Focal Adhesion Turnover and Cell Migration. Molecular and Cellular Biology, 2005, 25, 3763-3773.	1.1	45
53	The initiator methionine tRNA drives cell migration and invasion leading to increased metastatic potential in melanoma. Biology Open, 2016, 5, 1371-1379.	0.6	44
54	Phosphorylation of Rab-coupling protein by LMTK3 controls Rab14-dependent EphA2 trafficking to promote cell:cell repulsion. Nature Communications, 2017, 8, 14646.	5.8	42

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55	VEGFR1 (Flt1) Regulates Rab4 Recycling to Control Fibronectin Polymerization and Endothelial Vessel Branching. Traffic, 2009, 10, 754-766.	1.3	39
56	N-WASP Control of LPAR1 Trafficking Establishes Response to Self-Generated LPA Gradients to Promote Pancreatic Cancer Cell Metastasis. Developmental Cell, 2019, 51, 431-445.e7.	3.1	37
57	Protein Kinase D1 Regulates VEGF-A-Induced Î±vÎ²3 Integrin Trafficking and Endothelial Cell Migration. Traffic, 2010, 11, 1107-1118.	1.3	35
58	Genomic amplicons target vesicle recycling in breast cancer. Journal of Clinical Investigation, 2009, 119, 2123-7.	3.9	34
59	The Diacylglycerol Kinase Î±/Atypical PKC/Î²1 Integrin Pathway in SDF-1Î± Mammary Carcinoma Invasiveness. PLoS ONE, 2014, 9, e97144.	1.1	31
60	Rab11-FIP1C Is a Critical Negative Regulator in ErbB2-Mediated Mammary Tumor Progression. Cancer Research, 2016, 76, 2662-2674.	0.4	31
61	P-Rex1 Cooperates with PDGFRÎ² to Drive Cellular Migration in 3D Microenvironments. PLoS ONE, 2013, 8, e53982.	1.1	28
62	RhoJ Regulates Î±5Î²1 Integrin Trafficking to Control Fibronectin Remodeling during Angiogenesis. Current Biology, 2020, 30, 2146-2155.e5.	1.8	24
63	A proteomic approach to identify endosomal cargoes controlling cancer invasiveness. Journal of Cell Science, 2017, 130, 697-711.	1.2	19
64	A tal(in) of cell spreading. Nature Cell Biology, 2008, 10, 1017-1019.	4.6	17
65	Photoactivation Approaches Reveal a Role for Rab11 in <scp>FGFR4</scp> Recycling and Signalling. Traffic, 2014, 15, 665-683.	1.3	17
66	MASTL promotes cell contractility and motility through kinase-independent signaling. Journal of Cell Biology, 2020, 219, .	2.3	14
67	RAL GTPases mediate EGFR-driven intestinal stem cell proliferation and tumourigenesis. ELife, 2021, 10, .	2.8	13
68	FAK Acts as a Suppressor of RTK-MAP Kinase Signalling in Drosophila melanogaster Epithelia and Human Cancer Cells. PLoS Genetics, 2014, 10, e1004262.	1.5	12
69	Mutant p53 promotes RCP-dependent chemoresistance coinciding with increased delivery of P-glycoprotein to the plasma membrane. Cell Death and Disease, 2021, 12, 207.	2.7	12
70	Cancer cells with trapped nuclei cut their way through the extracellular matrix. Nature Communications, 2018, 9, 3954.	5.8	10
71	Quantitative in vivo bioluminescence imaging of orthotopic patient-derived glioblastoma xenografts. Scientific Reports, 2020, 10, 15361.	1.6	10
72	Increased apoptotic sensitivity of glioblastoma enables therapeutic targeting by BH3-mimetics. Cell Death and Differentiation, 2022, 29, 2089-2104.	5.0	10

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73	Tensin links energy metabolism to extracellular matrix assembly. Journal of Cell Biology, 2017, 216, 867-869.	2.3	8
74	Nuclear-capture of endosomes depletes nuclear G-actin to promote SRF/MRTF activation and cancer cell invasion. Nature Communications, 2021, 12, 6829.	5.8	8
75	Endosomal integrin signals for survival. Nature Cell Biology, 2015, 17, 1373-1375.	4.6	7
76	Identification of the first structurally validated covalent ligands of the small GTPase RAB27A. RSC Medicinal Chemistry, 2022, 13, 150-155.	1.7	7
77	Chloride intracellular channel 3: A secreted pro-invasive oxidoreductase. Cell Cycle, 2017, 16, 1993-1994.	1.3	5
78	New Roles for Lysosomal Trafficking in Morphogen Gradient Sensing. Science Signaling, 2011, 4, pe24.	1.6	3
79	MASTL is enriched in cancerous and pluripotent stem cells and influences OCT1/OCT4 levels. IScience, 2022, 25, 104459.	1.9	3
80	Internalisation, Endosomal Trafficking and Recycling of Integrins During Cell Migration and Cancer Invasion. , 2013, , 327-359.		2
81	Stromal WNTer Keeps the Tumor Cold and Drives Metastasis. Developmental Cell, 2021, 56, 3-4.	3.1	2