

Jim C Norman

List of Publications by Year in descending order

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81
papers

9,289
citations

47006

47
h-index

62596

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. <i>Cell</i> , 2009, 139, 1327-1341.	28.9	694
2	Integrins: masters and slaves of endocytic transport. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 843-853.	37.0	443
3	Stimulation of tumor growth and angiogenesis by low concentrations of RGD-mimetic integrin inhibitors. <i>Nature Medicine</i> , 2009, 15, 392-400.	30.7	428
4	p53 and its mutants in tumor cell migration and invasion. <i>Journal of Cell Biology</i> , 2011, 192, 209-218.	5.2	411
5	Rab25 Associates with $\alpha 5 \beta 1$ Integrin to Promote Invasive Migration in 3D Microenvironments. <i>Developmental Cell</i> , 2007, 13, 496-510.	7.0	369
6	Rab-coupling protein coordinates recycling of $\alpha 5 \beta 1$ integrin and EGFR1 to promote cell migration in 3D microenvironments. <i>Journal of Cell Biology</i> , 2008, 183, 143-155.	5.2	354
7	PDGF-regulated rab4-dependent recycling of $\alpha v \beta 3$ integrin from early endosomes is necessary for cell adhesion and spreading. <i>Current Biology</i> , 2001, 11, 1392-1402.	3.9	337
8	Integrin Trafficking and the Control of Cell Migration. <i>Traffic</i> , 2006, 7, 14-21.	2.7	290
9	Structure and function of the complex formed by the tuberculosis virulence factors CFP-10 and ESAT-6. <i>EMBO Journal</i> , 2005, 24, 2491-2498.	7.8	282
10	Rab25 and CLIC3 Collaborate to Promote Integrin Recycling from Late Endosomes/Lysosomes and Drive Cancer Progression. <i>Developmental Cell</i> , 2012, 22, 131-145.	7.0	275
11	Mechanisms of integrin activation and trafficking. <i>Current Opinion in Cell Biology</i> , 2011, 23, 607-614.	5.4	266
12	Endocytic recycling pathways: emerging regulators of cell migration. <i>Current Opinion in Cell Biology</i> , 2006, 18, 549-557.	5.4	256
13	Neuropilin-1/GIPC1 Signaling Regulates $\alpha 5 \beta 1$ Integrin Traffic and Function in Endothelial Cells. <i>PLoS Biology</i> , 2009, 7, e1000025.	5.6	246
14	RhoB and Actin Polymerization Coordinate Src Activation with Endosome-Mediated Delivery to the Membrane. <i>Developmental Cell</i> , 2004, 7, 855-869.	7.0	235
15	$\alpha v \beta 3$ and $\alpha 5 \beta 1$ integrin recycling pathways dictate downstream Rho kinase signaling to regulate persistent cell migration. <i>Journal of Cell Biology</i> , 2007, 177, 515-525.	5.2	219
16	Endocytic transport of integrins during cell migration and invasion. <i>Trends in Cell Biology</i> , 2008, 18, 257-263.	7.9	216
17	A Stromal Lysolipidâ€Autotaxin Signaling Axis Promotes Pancreatic Tumor Progression. <i>Cancer Discovery</i> , 2019, 9, 617-627.	9.4	209
18	PKD1/PKC δ promotes $\alpha v \beta 3$ integrin recycling and delivery to nascent focal adhesions. <i>EMBO Journal</i> , 2004, 23, 2531-2543.	7.8	167

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19	VEGF regulates the mobilization of VEGFR2/KDR from an intracellular endothelial storage compartment. <i>Blood</i> , 2006, 108, 2624-2631.	1.4	166
20	Integrin trafficking at a glance. <i>Journal of Cell Science</i> , 2012, 125, 3695-3701.	2.0	164
21	P-Rex1 is required for efficient melanoblast migration and melanoma metastasis. <i>Nature Communications</i> , 2011, 2, 555.	12.8	152
22	N-WASP coordinates the delivery and F-actin-mediated capture of MT1-MMP at invasive pseudopods. <i>Journal of Cell Biology</i> , 2012, 199, 527-544.	5.2	151
23	Protein Kinase B/Akt Acts via Glycogen Synthase Kinase 3 To Regulate Recycling of α_3 and α_5 Integrins. <i>Molecular and Cellular Biology</i> , 2004, 24, 1505-1515.	2.3	141
24	The Arp2/3 activator WASH regulates α_5 -integrin-mediated invasive migration. <i>Journal of Cell Science</i> , 2011, 124, 3753-3759.	2.0	127
25	Diacylglycerol kinase δ controls RCP-dependent integrin trafficking to promote invasive migration. <i>Journal of Cell Biology</i> , 2012, 196, 277-295.	5.2	126
26	Rab11 and Its Effector Rab Coupling Protein Contribute to the Trafficking of α_5 Integrins during Axon Growth in Adult Dorsal Root Ganglion Neurons and PC12 Cells. <i>Journal of Neuroscience</i> , 2010, 30, 11654-11669.	3.6	124
27	RCP-driven α_5 recycling suppresses Rac and promotes RhoA activity via the RacGAP1-IQGAP1 complex. <i>Journal of Cell Biology</i> , 2013, 202, 917-935.	5.2	119
28	Ligand-Occupied Integrin Internalization Links Nutrient Signaling to Invasive Migration. <i>Cell Reports</i> , 2015, 10, 398-413.	6.4	101
29	Rab5c promotes AMAP1-PRKD2 complex formation to enhance α_5 integrin recycling in EGF-induced cancer invasion. <i>Journal of Cell Biology</i> , 2012, 197, 983-996.	5.2	93
30	B-Raf Acts via the ROCKII/LIMK/Cofilin Pathway To Maintain Actin Stress Fibers in Fibroblasts. <i>Molecular and Cellular Biology</i> , 2004, 24, 5937-5952.	2.3	91
31	ARF6 Directs Axon Transport and Traffic of Integrins and Regulates Axon Growth in Adult DRG Neurons. <i>Journal of Neuroscience</i> , 2012, 32, 10352-10364.	3.6	91
32	Mutant p53s generate pro-invasive niches by influencing exosome podocalyxin levels. <i>Nature Communications</i> , 2018, 9, 5069.	12.8	91
33	Basic Fibroblast Growth Factor Activates the MAPK and NF- κ B Pathways That Converge on Elk-1 to Control Production of Matrix Metalloproteinase-13 by Human Adult Articular Chondrocytes. <i>Journal of Biological Chemistry</i> , 2007, 282, 31409-31421.	3.4	90
34	Paxillin Associates with Poly(A)-binding Protein 1 at the Dense Endoplasmic Reticulum and the Leading Edge of Migrating Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 6428-6437.	3.4	87
35	Distinct Roles of Talin and Kindlin in Regulating Integrin α_5 Function and Trafficking. <i>Current Biology</i> , 2012, 22, 1554-1563.	3.9	87
36	CLIC3 controls recycling of late endosomal MT1-MMP and dictates invasion and metastasis in breast cancer. <i>Journal of Cell Science</i> , 2014, 127, 3893-901.	2.0	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. <i>Carcinogenesis</i> , 2007, 29, 629-637.	2.8	84
38	Neuropilin-1â€œDependent Regulation of EGF-Receptor Signaling. <i>Cancer Research</i> , 2012, 72, 5801-5811.	0.9	84
39	Secreted CLIC3 drives cancer progression through its glutathione-dependent oxidoreductase activity. <i>Nature Communications</i> , 2017, 8, 14206.	12.8	81
40	hnRNP A2 Regulates Alternative mRNA Splicing of TP53INP2 to Control Invasive Cell Migration. <i>Cancer Research</i> , 2009, 69, 9219-9227.	0.9	71
41	Aquaporin 2 Promotes Cell Migration and Epithelial Morphogenesis. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 1506-1517.	6.1	68
42	Glutaminolysis drives membrane trafficking to promote invasiveness of breast cancer cells. <i>Nature Communications</i> , 2017, 8, 2255.	12.8	65
43	Differential uptake, kinetics and mechanisms of intracellular trafficking of next-generation antisense oligonucleotides across human cancer cell lines. <i>Nucleic Acids Research</i> , 2019, 47, 4375-4392.	14.5	65
44	Mutant p53 Regulates Dicer through p63-dependent and -independent Mechanisms to Promote an Invasive Phenotype. <i>Journal of Biological Chemistry</i> , 2014, 289, 122-132.	3.4	61
45	The Initiator Methionine tRNA Drives Secretion of Type II Collagen from Stromal Fibroblasts to Promote Tumor Growth and Angiogenesis. <i>Current Biology</i> , 2016, 26, 755-765.	3.9	57
46	ERK2 drives tumour cell migration in 3D microenvironments by suppressing expression of Rab17 and Liprin-Î²2. <i>Journal of Cell Science</i> , 2012, 125, 1465-77.	2.0	56
47	PKD Controls Î±vÎ²3 Integrin Recycling and Tumor Cell Invasive Migration through Its Substrate Rabaptin-5. <i>Developmental Cell</i> , 2012, 23, 560-572.	7.0	52
48	Late endosomal and lysosomal trafficking during integrinâ€œmediated cell migration and invasion. <i>BioEssays</i> , 2013, 35, 523-532.	2.5	51
49	ERK1 Associates with Î±vÎ²3 Integrin and Regulates Cell Spreading on Vitronectin. <i>Journal of Biological Chemistry</i> , 2003, 278, 1975-1985.	3.4	48
50	SPRY2 loss enhances ErbB trafficking and PI3K/AKT signalling to drive human and mouse prostate carcinogenesis. <i>EMBO Molecular Medicine</i> , 2012, 4, 776-790.	6.9	46
51	PINK1 drives production of mtDNA-containing extracellular vesicles to promote invasiveness. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	46
52	Interaction of Paxillin with Poly(A)-Binding Protein 1 and Its Role in Focal Adhesion Turnover and Cell Migration. <i>Molecular and Cellular Biology</i> , 2005, 25, 3763-3773.	2.3	45
53	The initiator methionine tRNA drives cell migration and invasion leading to increased metastatic potential in melanoma. <i>Biology Open</i> , 2016, 5, 1371-1379.	1.2	44
54	Phosphorylation of Rab-coupling protein by LMTK3 controls Rab14-dependent EphA2 trafficking to promote cell:cell repulsion. <i>Nature Communications</i> , 2017, 8, 14646.	12.8	42

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55	VEGFR1 (Flt1) Regulates Rab4 Recycling to Control Fibronectin Polymerization and Endothelial Vessel Branching. <i>Traffic</i> , 2009, 10, 754-766.	2.7	39
56	N-WASP Control of LPAR1 Trafficking Establishes Response to Self-Generated LPA Gradients to Promote Pancreatic Cancer Cell Metastasis. <i>Developmental Cell</i> , 2019, 51, 431-445.e7.	7.0	37
57	Protein Kinase D1 Regulates VEGF-A-Induced $\alpha_5\beta_3$ Integrin Trafficking and Endothelial Cell Migration. <i>Traffic</i> , 2010, 11, 1107-1118.	2.7	35
58	Genomic amplicons target vesicle recycling in breast cancer. <i>Journal of Clinical Investigation</i> , 2009, 119, 2123-7.	8.2	34
59	The Diacylglycerol Kinase α /Atypical PKC/ β 1 Integrin Pathway in SDF-1 α Mammary Carcinoma Invasiveness. <i>PLoS ONE</i> , 2014, 9, e97144.	2.5	31
60	Rab11-FIP1C Is a Critical Negative Regulator in ErbB2-Mediated Mammary Tumor Progression. <i>Cancer Research</i> , 2016, 76, 2662-2674.	0.9	31
61	P-Rex1 Cooperates with PDGFR β to Drive Cellular Migration in 3D Microenvironments. <i>PLoS ONE</i> , 2013, 8, e53982.	2.5	28
62	RhoJ Regulates $\alpha_5\beta_1$ Integrin Trafficking to Control Fibronectin Remodeling during Angiogenesis. <i>Current Biology</i> , 2020, 30, 2146-2155.e5.	3.9	24
63	A proteomic approach to identify endosomal cargoes controlling cancer invasiveness. <i>Journal of Cell Science</i> , 2017, 130, 697-711.	2.0	19
64	A tal(in) of cell spreading. <i>Nature Cell Biology</i> , 2008, 10, 1017-1019.	10.3	17
65	Photoactivation Approaches Reveal a Role for Rab11 in \langle sc \rangle FGFR4 \langle /sc \rangle Recycling and Signalling. <i>Traffic</i> , 2014, 15, 665-683.	2.7	17
66	MASTL promotes cell contractility and motility through kinase-independent signaling. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	14
67	RAL GTPases mediate EGFR-driven intestinal stem cell proliferation and tumourigenesis. <i>ELife</i> , 2021, 10, .	6.0	13
68	FAK Acts as a Suppressor of RTK-MAP Kinase Signalling in <i>Drosophila melanogaster</i> Epithelia and Human Cancer Cells. <i>PLoS Genetics</i> , 2014, 10, e1004262.	3.5	12
69	Mutant p53 promotes RCP-dependent chemoresistance coinciding with increased delivery of P-glycoprotein to the plasma membrane. <i>Cell Death and Disease</i> , 2021, 12, 207.	6.3	12
70	Cancer cells with trapped nuclei cut their way through the extracellular matrix. <i>Nature Communications</i> , 2018, 9, 3954.	12.8	10
71	Quantitative in vivo bioluminescence imaging of orthotopic patient-derived glioblastoma xenografts. <i>Scientific Reports</i> , 2020, 10, 15361.	3.3	10
72	Increased apoptotic sensitivity of glioblastoma enables therapeutic targeting by BH3-mimetics. <i>Cell Death and Differentiation</i> , 2022, 29, 2089-2104.	11.2	10

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73	Tensin links energy metabolism to extracellular matrix assembly. Journal of Cell Biology, 2017, 216, 867-869.	5.2	8
74	Nuclear-capture of endosomes depletes nuclear G-actin to promote SRF/MRTF activation and cancer cell invasion. Nature Communications, 2021, 12, 6829.	12.8	8
75	Endosomal integrin signals for survival. Nature Cell Biology, 2015, 17, 1373-1375.	10.3	7
76	Identification of the first structurally validated covalent ligands of the small GTPase RAB27A. RSC Medicinal Chemistry, 2022, 13, 150-155.	3.9	7
77	Chloride intracellular channel 3: A secreted pro-invasive oxidoreductase. Cell Cycle, 2017, 16, 1993-1994.	2.6	5
78	New Roles for Lysosomal Trafficking in Morphogen Gradient Sensing. Science Signaling, 2011, 4, pe24.	3.6	3
79	MASTL is enriched in cancerous and pluripotent stem cells and influences OCT1/OCT4 levels. IScience, 2022, 25, 104459.	4.1	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.	7.0	2