

# Jim C Norman

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Identification of the first structurally validated covalent ligands of the small GTPase RAB27A. RSC Medicinal Chemistry, 2022, 13, 150-155.	3.9	7
2	Increased apoptotic sensitivity of glioblastoma enables therapeutic targeting by BH3-mimetics. Cell Death and Differentiation, 2022, 29, 2089-2104.	11.2	10
3	MASTL is enriched in cancerous and pluripotent stem cells and influences OCT1/OCT4 levels. IScience, 2022, 25, 104459.	4.1	3
4	Stromal WNTer Keeps the Tumor Cold and Drives Metastasis. Developmental Cell, 2021, 56, 3-4.	7.0	2
5	Mutant p53 promotes RCP-dependent chemoresistance coinciding with increased delivery of P-glycoprotein to the plasma membrane. Cell Death and Disease, 2021, 12, 207.	6.3	12
6	RAL GTPases mediate EGFR-driven intestinal stem cell proliferation and tumourigenesis. ELife, 2021, 10, .	6.0	13
7	PINK1 drives production of mtDNA-containing extracellular vesicles to promote invasiveness. Journal of Cell Biology, 2021, 220, .	5.2	46
8	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
9	Quantitative in vivo bioluminescence imaging of orthotopic patient-derived glioblastoma xenografts. Scientific Reports, 2020, 10, 15361.	3.3	10
10	RhoJ Regulates $\beta$ 5 $\gamma$ 1 Integrin Trafficking to Control Fibronectin Remodeling during Angiogenesis. Current Biology, 2020, 30, 2146-2155.e5.	3.9	24
11	MASTL promotes cell contractility and motility through kinase-independent signaling. Journal of Cell Biology, 2020, 219, .	5.2	14
12	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.	7.0	37
13	A Stromal Lysolipidâ€Autotaxin Signaling Axis Promotes Pancreatic Tumor Progression. Cancer Discovery, 2019, 9, 617-627.	9.4	209
14	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.	14.5	65
15	Mutant p53s generate pro-invasive niches by influencing exosome podocalyxin levels. Nature Communications, 2018, 9, 5069.	12.8	91
16	Cancer cells with trapped nuclei cut their way through the extracellular matrix. Nature Communications, 2018, 9, 3954.	12.8	10
17	A proteomic approach to identify endosomal cargoes controlling cancer invasiveness. Journal of Cell Science, 2017, 130, 697-711.	2.0	19
18	Secreted CLIC3 drives cancer progression through its glutathione-dependent oxidoreductase activity. Nature Communications, 2017, 8, 14206.	12.8	81

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19	Tensin links energy metabolism to extracellular matrix assembly. <i>Journal of Cell Biology</i> , 2017, 216, 867-869.	5.2	8
20	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
21	Chloride intracellular channel 3: A secreted pro-invasive oxidoreductase. <i>Cell Cycle</i> , 2017, 16, 1993-1994.	2.6	5
22	Glutaminolysis drives membrane trafficking to promote invasiveness of breast cancer cells. <i>Nature Communications</i> , 2017, 8, 2255.	12.8	65
23	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
24	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
25	Rab11-FIP1C Is a Critical Negative Regulator in ErbB2-Mediated Mammary Tumor Progression. <i>Cancer Research</i> , 2016, 76, 2662-2674.	0.9	31
26	Ligand-Occupied Integrin Internalization Links Nutrient Signaling to Invasive Migration. <i>Cell Reports</i> , 2015, 10, 398-413.	6.4	101
27	Endosomal integrin signals for survival. <i>Nature Cell Biology</i> , 2015, 17, 1373-1375.	10.3	7
28	The Diacylglycerol Kinase $\hat{1}$ /Atypical PKC/ $\hat{2}$ 1 Integrin Pathway in SDF-1 $\hat{1}$ Mammary Carcinoma Invasiveness. <i>PLoS ONE</i> , 2014, 9, e97144.	2.5	31
29	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
30	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
31	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
32	Photoactivation Approaches Reveal a Role for Rab11 in <sc>FGFR4</sc> Recycling and Signalling. <i>Traffic</i> , 2014, 15, 665-683.	2.7	17
33	Internalisation, Endosomal Trafficking and Recycling of Integrins During Cell Migration and Cancer Invasion. , 2013, , 327-359.		2
34	Late endosomal and lysosomal trafficking during integrin-mediated cell migration and invasion. <i>BioEssays</i> , 2013, 35, 523-532.	2.5	51
35	RCP-driven $\hat{1}$ 5 $\hat{2}$ 1 recycling suppresses Rac and promotes RhoA activity via the RacGAP1 $\hat{1}$ IQGAP1 complex. <i>Journal of Cell Biology</i> , 2013, 202, 917-935.	5.2	119
36	P-Rex1 Cooperates with PDGFR $\hat{2}$ to Drive Cellular Migration in 3D Microenvironments. <i>PLoS ONE</i> , 2013, 8, e53982.	2.5	28

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37	ERK2 drives tumour cell migration in 3D microenvironments by suppressing expression of Rab17 and Liprin- $\beta$ 2. <i>Journal of Cell Science</i> , 2012, 125, 1465-77.	2.0	56
38	Neuropilin-1-Dependent Regulation of EGF-Receptor Signaling. <i>Cancer Research</i> , 2012, 72, 5801-5811.	0.9	84
39	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
40	PKD Controls $\beta$ 3 Integrin Recycling and Tumor Cell Invasive Migration through Its Substrate Rabaptin-5. <i>Developmental Cell</i> , 2012, 23, 560-572.	7.0	52
41	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
42	Diacylglycerol kinase $\delta$ controls RCP-dependent integrin trafficking to promote invasive migration. <i>Journal of Cell Biology</i> , 2012, 196, 277-295.	5.2	126
43	Rab5c promotes AMAP1-PRKD2 complex formation to enhance $\beta$ 1 integrin recycling in EGF-induced cancer invasion. <i>Journal of Cell Biology</i> , 2012, 197, 983-996.	5.2	93
44	Integrin trafficking at a glance. <i>Journal of Cell Science</i> , 2012, 125, 3695-3701.	2.0	164
45	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
46	Distinct Roles of Talin and Kindlin in Regulating Integrin $\beta$ 1 Function and Trafficking. <i>Current Biology</i> , 2012, 22, 1554-1563.	3.9	87
47	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
48	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
49	P-Rex1 is required for efficient melanoblast migration and melanoma metastasis. <i>Nature Communications</i> , 2011, 2, 555.	12.8	152
50	New Roles for Lysosomal Trafficking in Morphogen Gradient Sensing. <i>Science Signaling</i> , 2011, 4, pe24.	3.6	3
51	Mechanisms of integrin activation and trafficking. <i>Current Opinion in Cell Biology</i> , 2011, 23, 607-614.	5.4	266
52	p53 and its mutants in tumor cell migration and invasion. <i>Journal of Cell Biology</i> , 2011, 192, 209-218.	5.2	411
53	The Arp2/3 activator WASH regulates $\beta$ 1-integrin-mediated invasive migration. <i>Journal of Cell Science</i> , 2011, 124, 3753-3759.	2.0	127
54	Protein Kinase D1 Regulates VEGF-A-Induced $\beta$ 3 Integrin Trafficking and Endothelial Cell Migration. <i>Traffic</i> , 2010, 11, 1107-1118.	2.7	35

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55	Rab11 and Its Effector Rab Coupling Protein Contribute to the Trafficking of $\alpha 5 \beta 1$ 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
56	hnRNP A2 Regulates Alternative mRNA Splicing of TP53INP2 to Control Invasive Cell Migration. <i>Cancer Research</i> , 2009, 69, 9219-9227.	0.9	71
57	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
58	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
59	Integrins: masters and slaves of endocytic transport. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 843-853.	37.0	443
60	VEGFR1 (Flt1) Regulates Rab4 Recycling to Control Fibronectin Polymerization and Endothelial Vessel Branching. <i>Traffic</i> , 2009, 10, 754-766.	2.7	39
61	Mutant p53 Drives Invasion by Promoting Integrin Recycling. <i>Cell</i> , 2009, 139, 1327-1341.	28.9	694
62	Genomic amplicons target vesicle recycling in breast cancer. <i>Journal of Clinical Investigation</i> , 2009, 119, 2123-7.	8.2	34
63	A tal(in) of cell spreading. <i>Nature Cell Biology</i> , 2008, 10, 1017-1019.	10.3	17
64	Endocytic transport of integrins during cell migration and invasion. <i>Trends in Cell Biology</i> , 2008, 18, 257-263.	7.9	216
65	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
66	Basic Fibroblast Growth Factor Activates the MAPK and NF $\kappa$ 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
67	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
68	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
69	$\alpha v \beta 3$ 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
70	Integrin Trafficking and the Control of Cell Migration. <i>Traffic</i> , 2006, 7, 14-21.	2.7	290
71	Endocytic recycling pathways: emerging regulators of cell migration. <i>Current Opinion in Cell Biology</i> , 2006, 18, 549-557.	5.4	256
72	VEGF regulates the mobilization of VEGFR2/KDR from an intracellular endothelial storage compartment. <i>Blood</i> , 2006, 108, 2624-2631.	1.4	166

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73	Structure and function of the complex formed by the tuberculosis virulence factors CFP-10 and ESAT-6. EMBO Journal, 2005, 24, 2491-2498.	7.8	282
74	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.	2.3	45
75	Protein Kinase B/Akt Acts via Glycogen Synthase Kinase 3 To Regulate Recycling of $\alpha_5\beta_1$ and $\alpha_v\beta_3$ Integrins. Molecular and Cellular Biology, 2004, 24, 1505-1515.	2.3	141
76	B-Raf Acts via the ROCKII/LIMK/Cofilin Pathway To Maintain Actin Stress Fibers in Fibroblasts. Molecular and Cellular Biology, 2004, 24, 5937-5952.	2.3	91
77	PKD1/PKC $\delta$ promotes $\alpha_v\beta_3$ integrin recycling and delivery to nascent focal adhesions. EMBO Journal, 2004, 23, 2531-2543.	7.8	167
78	RhoB and Actin Polymerization Coordinate Src Activation with Endosome-Mediated Delivery to the Membrane. Developmental Cell, 2004, 7, 855-869.	7.0	235
79	ERK1 Associates with $\alpha_v\beta_3$ Integrin and Regulates Cell Spreading on Vitronectin. Journal of Biological Chemistry, 2003, 278, 1975-1985.	3.4	48
80	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.	3.4	87
81	PDGF-regulated rab4-dependent recycling of $\alpha_v\beta_3$ integrin from early endosomes is necessary for cell adhesion and spreading. Current Biology, 2001, 11, 1392-1402.	3.9	337