

# Feng Ye

## List of Publications by Year in descending order

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33  
papers

2,725  
citations

257450

24  
h-index

414414

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

3426  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of Integrin Activation. Annual Review of Cell and Developmental Biology, 2011, 27, 321-345.	9.4	369
2	The structure of an integrin/talin complex reveals the basis of inside-out signal transduction. EMBO Journal, 2009, 28, 3623-3632.	7.8	287
3	Talin is required for integrin-mediated platelet function in hemostasis and thrombosis. Journal of Experimental Medicine, 2007, 204, 3103-3111.	8.5	261
4	Recreation of the terminal events in physiological integrin activation. Journal of Cell Biology, 2010, 188, 157-173.	5.2	228
5	A novel lncRNA uc.134 represses hepatocellular carcinoma progression by inhibiting CUL4A-mediated ubiquitination of LATS1. Journal of Hematology and Oncology, 2017, 10, 91.	17.0	171
6	The Mechanism of Kindlin-Mediated Activation of Integrin $\alpha 5 \beta 3$ . Current Biology, 2013, 23, 2288-2295.	3.9	131
7	Tomographic subvolume alignment and subvolume classification applied to myosin V and SIV envelope spikes. Journal of Structural Biology, 2009, 165, 64-77.	2.8	125
8	Basic amino-acid side chains regulate transmembrane integrin signalling. Nature, 2012, 481, 209-213.	27.8	112
9	Reconstruction of integrin activation. Blood, 2012, 119, 26-33.	1.4	105
10	Talin and kindlin: the one-two punch in integrin activation. Frontiers of Medicine, 2014, 8, 6-16.	3.4	91
11	Talin activates integrins by altering the topology of the $\beta 2$ transmembrane domain. Journal of Cell Biology, 2012, 197, 605-611.	5.2	90
12	Molecular mechanism of inside-out integrin regulation. Journal of Thrombosis and Haemostasis, 2011, 9, 20-25.	3.8	81
13	ADAP interactions with talin and kindlin promote platelet integrin $\alpha 5 \beta 3$ activation and stable fibrinogen binding. Blood, 2014, 123, 3156-3165.	1.4	66
14	Tiam1 interaction with the PAR complex promotes talin-mediated Rac1 activation during polarized cell migration. Journal of Cell Biology, 2012, 199, 331-345.	5.2	65
15	Talin Contains A C-Terminal Calpain2 Cleavage Site Important In Focal Adhesion Dynamics. PLoS ONE, 2012, 7, e34461.	2.5	59
16	Integrin $\alpha 5 \beta 3$ in a Membrane Environment Remains the Same Height after $Mn^{2+}$ Activation when Observed by Cryoelectron Tomography. Journal of Molecular Biology, 2008, 378, 976-986.	4.2	56
17	Kindlins, Integrin Activation and the Regulation of Talin Recruitment to $\alpha 5 \beta 3$ . PLoS ONE, 2012, 7, e34056.	2.5	49
18	Alterations of the Gut Microbiome Composition and Lipid Metabolic Profile in Radiation Enteritis. Frontiers in Cellular and Infection Microbiology, 2020, 10, 541178.	3.9	47

#	ARTICLE	IF	CITATIONS
19	Kindlin. <i>Current Opinion in Hematology</i> , 2011, 18, 356-360.	2.5	40
20	A talin mutant that impairs talin-integrin binding in platelets decelerates $\alpha$ IIb $\beta$ 3 activation without pathological bleeding. <i>Blood</i> , 2014, 123, 2722-2731.	1.4	40
21	An Isoform-Specific Myristylation Switch Targets Type II PKA Holoenzymes to Membranes. <i>Structure</i> , 2015, 23, 1563-1572.	3.3	38
22	Histone methyltransferase SETDB1 promotes colorectal cancer proliferation through the STAT1-CCND1/CDK6 axis. <i>Carcinogenesis</i> , 2020, 41, 678-688.	2.8	36
23	Histone methyltransferase SETDB1 promotes cells proliferation and migration by interacting with Tiam1 in hepatocellular carcinoma. <i>BMC Cancer</i> , 2018, 18, 539.	2.6	34
24	The Structure of a Full-length Membrane-embedded Integrin Bound to a Physiological Ligand. <i>Journal of Biological Chemistry</i> , 2015, 290, 27168-27175.	3.4	31
25	Annular Anionic Lipids Stabilize the Integrin $\alpha$ IIb $\beta$ 3 Transmembrane Complex. <i>Journal of Biological Chemistry</i> , 2015, 290, 8283-8293.	3.4	22
26	SnapShot: Talin and the Modular Nature of the Integrin Adhesome. <i>Cell</i> , 2014, 156, 1340-1340.e1.	28.9	21
27	Topological Adaptation of Transmembrane Domains to the Force-Modulated Lipid Bilayer Is a Basis of Sensing Mechanical Force. <i>Current Biology</i> , 2020, 30, 1614-1625.e5.	3.9	20
28	A Conserved Ectodomain-Transmembrane Domain Linker Motif Tunes the Allosteric Regulation of Cell Surface Receptors. <i>Journal of Biological Chemistry</i> , 2016, 291, 17536-17546.	3.4	17
29	Intermolecular Transmembrane Domain Interactions Activate Integrin $\alpha$ IIb $\beta$ 3. <i>Journal of Biological Chemistry</i> , 2014, 289, 18507-18513.	3.4	10
30	Epigallocatechin gallate has pleiotropic effects on transmembrane signaling by altering the embedding of transmembrane domains. <i>Journal of Biological Chemistry</i> , 2017, 292, 9858-9864.	3.4	9
31	Zinc finger protein 307 functions as a tumor-suppressor and inhibits cell proliferation by inducing apoptosis in hepatocellular carcinoma. <i>Oncology Reports</i> , 2017, 38, 2229-2236.	2.6	9
32	Reconstructing Integrin Activation In Vitro. <i>Methods in Molecular Biology</i> , 2013, 1046, 1-17.	0.9	5
33	Talin is required for integrin-mediated platelet function in hemostasis and thrombosis. <i>Journal of Cell Biology</i> , 2007, 179, i20-i20.	5.2	0