

# Mark H Ginsberg

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5117394/publications.pdf>

Version: 2024-02-01

171  
papers

26,678  
citations

9254

74  
h-index

6128

159  
g-index

180  
all docs

180  
docs citations

180  
times ranked

20639  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell Migration: Integrating Signals from Front to Back. <i>Science</i> , 2003, 302, 1704-1709.	6.0	4,337
2	Integrins: Emerging Paradigms of Signal Transduction. <i>Annual Review of Cell and Developmental Biology</i> , 1995, 11, 549-599.	4.0	1,554
3	Integrin-ligand binding properties govern cell migration speed through cell-substratum adhesiveness. <i>Nature</i> , 1997, 385, 537-540.	13.7	1,292
4	Talin Binding to Integrin $\alpha$ Tails: A Final Common Step in Integrin Activation. <i>Science</i> , 2003, 302, 103-106.	6.0	1,079
5	The final steps of integrin activation: the end game. <i>Nature Reviews Molecular Cell Biology</i> , 2010, 11, 288-300.	16.1	888
6	The Talin Head Domain Binds to Integrin $\beta$ Subunit Cytoplasmic Tails and Regulates Integrin Activation. <i>Journal of Biological Chemistry</i> , 1999, 274, 28071-28074.	1.6	617
7	Structural Basis of Integrin Activation by Talin. <i>Cell</i> , 2007, 128, 171-182.	13.5	585
8	Breaking the Integrin Hinge. <i>Journal of Biological Chemistry</i> , 1996, 271, 6571-6574.	1.6	518
9	Ligands $\alpha$ activate $\beta$ integrin $\alpha$ IIb $\beta$ 3 (platelet GPIIb-IIIa). <i>Cell</i> , 1991, 65, 409-416.	13.5	508
10	Src kinase activation by direct interaction with the integrin $\alpha$ cytoplasmic domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13298-13302.	3.3	487
11	Suppression of Integrin Activation: A Novel Function of a Ras/Raf-Initiated MAP Kinase Pathway. <i>Cell</i> , 1997, 88, 521-530.	13.5	480
12	Structural Determinants of Integrin Recognition by Talin. <i>Molecular Cell</i> , 2003, 11, 49-58.	4.5	475
13	Integrin regulation. <i>Current Opinion in Cell Biology</i> , 2005, 17, 509-516.	2.6	421
14	Reconstructing and Deconstructing Agonist-Induced Activation of Integrin $\alpha$ IIb $\beta$ 3. <i>Current Biology</i> , 2006, 16, 1796-1806.	1.8	419
15	Integrin $\alpha$ cytoplasmic domain interactions with phosphotyrosine-binding domains: A structural prototype for diversity in integrin signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 2272-2277.	3.3	379
16	Regulation of Integrin Activation. <i>Annual Review of Cell and Developmental Biology</i> , 2011, 27, 321-345.	4.0	369
17	The Phosphotyrosine Binding-like Domain of Talin Activates Integrins. <i>Journal of Biological Chemistry</i> , 2002, 277, 21749-21758.	1.6	341
18	Binding of paxillin to $\alpha$ 4 integrins modifies integrin-dependent biological responses. <i>Nature</i> , 1999, 402, 676-681.	13.7	318

#	ARTICLE	IF	CITATIONS
19	The structure of the integrin $\alpha$ IIb $\beta$ 3 transmembrane complex explains integrin transmembrane signalling. EMBO Journal, 2009, 28, 1351-1361.	3.5	312
20	Cerebral cavernous malformations proteins inhibit Rho kinase to stabilize vascular integrity. Journal of Experimental Medicine, 2010, 207, 881-896.	4.2	303
21	The structure of an integrin/talin complex reveals the basis of inside-out signal transduction. EMBO Journal, 2009, 28, 3623-3632.	3.5	287
22	KRIT-1/CCM1 is a Rap1 effector that regulates endothelial cell-cell junctions. Journal of Cell Biology, 2007, 179, 247-254.	2.3	280
23	Complementation of dominant suppression implicates CD98 in integrin activation. Nature, 1997, 390, 81-85.	13.7	274
24	RIAM Activates Integrins by Linking Talin to Ras GTPase Membrane-targeting Sequences. Journal of Biological Chemistry, 2009, 284, 5119-5127.	1.6	274
25	Talin is required for integrin-mediated platelet function in hemostasis and thrombosis. Journal of Experimental Medicine, 2007, 204, 3103-3111.	4.2	261
26	Integrin $\beta$ 2 Cytoplasmic Domains Differentially Bind to Cytoskeletal Proteins. Journal of Biological Chemistry, 1998, 273, 6104-6109.	1.6	258
27	Recreation of the terminal events in physiological integrin activation. Journal of Cell Biology, 2010, 188, 157-173.	2.3	228
28	CD98hc (SLC3A2) mediates integrin signaling. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 355-360.	3.3	224
29	Regulation of cardiovascular development and integrity by the heart of glass cerebral cavernous malformation protein pathway. Nature Medicine, 2009, 15, 169-176.	15.2	217
30	Increased filamin binding to $\beta$ 2-integrin cytoplasmic domains inhibits cell migration. Nature Cell Biology, 2001, 3, 1060-1068.	4.6	215
31	Integrin modulation and signaling in leukocyte adhesion and migration. Immunological Reviews, 2007, 218, 126-134.	2.8	215
32	Ras GTPases: integrins' friends or foes?. Nature Reviews Molecular Cell Biology, 2003, 4, 767-777.	16.1	207
33	Distinct roles for talin-1 and kindlin-3 in LFA-1 extension and affinity regulation. Blood, 2012, 119, 4275-4282.	0.6	204
34	Calpain Cleavage Promotes Talin Binding to the $\beta$ 3Integrin Cytoplasmic Domain. Journal of Biological Chemistry, 2001, 276, 28164-28170.	1.6	196
35	The Conserved Membrane-proximal Region of an Integrin Cytoplasmic Domain Specifies Ligand Binding Affinity. Journal of Biological Chemistry, 1995, 270, 12411-12417.	1.6	177
36	Genetic and Pharmacological Analyses of Syk Function in $\alpha$ IIb $\beta$ 3 Signaling in Platelets. Blood, 1999, 93, 2645-2652.	0.6	162

#	ARTICLE	IF	CITATIONS
37	Activation of Syk protein tyrosine kinase through interaction with integrin $\beta^2$ cytoplasmic domains. <i>Current Biology</i> , 2001, 11, 1799-1804.	1.8	151
38	Protein kinase A governs a RhoA/RhoGDI protrusion/retraction pacemaker in migrating cells. <i>Nature Cell Biology</i> , 2011, 13, 660-667.	4.6	149
39	Mechanisms and consequences of agonist-induced talin recruitment to platelet integrin $\alpha\text{IIb}\beta^3$ . <i>Journal of Cell Biology</i> , 2008, 181, 1211-1222.	2.3	145
40	CD98 at the crossroads of adaptive immunity and cancer. <i>Journal of Cell Science</i> , 2012, 125, 1373-82.	1.2	145
41	Transmembrane Domain Helix Packing Stabilizes Integrin $\alpha\text{IIb}\beta^3$ in the Low Affinity State. <i>Journal of Biological Chemistry</i> , 2005, 280, 7294-7300.	1.6	131
42	The Mechanism of Kindlin-Mediated Activation of Integrin $\alpha\text{IIb}\beta^3$ . <i>Current Biology</i> , 2013, 23, 2288-2295.	1.8	131
43	Activated R-Ras, Rac1, PI 3-Kinase and Pkc $\mu$ Can Each Restore Cell Spreading Inhibited by Isolated Integrin $\beta^1$ Cytoplasmic Domains. <i>Journal of Cell Biology</i> , 2000, 151, 1549-1560.	2.3	130
44	Integrin activation. <i>Biochemical Society Transactions</i> , 2008, 36, 229-234.	1.6	130
45	Fasudil Decreases Lesion Burden in a Murine Model of Cerebral Cavernous Malformation Disease. <i>Stroke</i> , 2012, 43, 571-574.	1.0	130
46	A Single Immunoglobulin-like Domain of the Human Neural Cell Adhesion Molecule L1 Supports Adhesion by Multiple Vascular and Platelet Integrins. <i>Journal of Cell Biology</i> , 1997, 139, 1567-1581.	2.3	124
47	Integrin activation. <i>BMB Reports</i> , 2014, 47, 655-659.	1.1	122
48	A novel mouse model of cerebral cavernous malformations based on the two-hit mutation hypothesis recapitulates the human disease. <i>Human Molecular Genetics</i> , 2011, 20, 211-222.	1.4	120
49	Structure of the Integrin $\beta^3$ Transmembrane Segment in Phospholipid Bicelles and Detergent Micelles. <i>Biochemistry</i> , 2008, 47, 4008-4016.	1.2	116
50	The antithrombotic potential of selective blockade of talin-dependent integrin $\alpha\text{IIb}\beta^3$ (platelet GPIIb/IIIa) activation. <i>Journal of Clinical Investigation</i> , 2007, 117, 2250-2259.	3.9	115
51	Distinct Domains of CD98hc Regulate Integrins and Amino Acid Transport. <i>Journal of Biological Chemistry</i> , 2001, 276, 8746-8752.	1.6	112
52	Basic amino-acid side chains regulate transmembrane integrin signalling. <i>Nature</i> , 2012, 481, 209-213.	13.7	112
53	$\beta^2$ Integrin Tyrosine Phosphorylation Is a Conserved Mechanism for Regulating Talin-induced Integrin Activation. <i>Journal of Biological Chemistry</i> , 2009, 284, 36700-36710.	1.6	111
54	The N-terminal SH2 Domains of Syk and ZAP-70 Mediate Phosphotyrosine-independent Binding to Integrin $\beta^2$ Cytoplasmic Domains. <i>Journal of Biological Chemistry</i> , 2002, 277, 39401-39408.	1.6	110

#	ARTICLE	IF	CITATIONS
55	The Rap1-RIAM-talin axis of integrin activation and blood cell function. <i>Blood</i> , 2016, 128, 479-487.	0.6	110
56	NMR Analysis of Structure and Dynamics of the Cytosolic Tails of Integrin $\alpha$ IIb $\beta$ 3 in Aqueous Solution. <i>Biochemistry</i> , 2001, 40, 7498-7508.	1.2	107
57	Reconstruction of integrin activation. <i>Blood</i> , 2012, 119, 26-33.	0.6	105
58	Rap1 and its effector KRIT1/CCM1 regulate $\beta$ -catenin signaling. <i>DMM Disease Models and Mechanisms</i> , 2010, 3, 73-83.	1.2	104
59	Calpain cleavage of integrin $\beta$ cytoplasmic domains. <i>FEBS Letters</i> , 1999, 460, 17-22.	1.3	102
60	The talin-tail interaction places integrin activation on FERM ground. <i>Trends in Biochemical Sciences</i> , 2004, 29, 429-435.	3.7	101
61	CD98hc facilitates B cell proliferation and adaptive humoral immunity. <i>Nature Immunology</i> , 2009, 10, 412-419.	7.0	100
62	Identification of a New Biological Function for the Integrin $\alpha$ v $\beta$ 3: Initiation of Fibronectin Matrix Assembly. <i>Cell Adhesion and Communication</i> , 1996, 4, 149-158.	1.7	99
63	Competition for Talin Results in Trans-dominant Inhibition of Integrin Activation. <i>Journal of Biological Chemistry</i> , 2004, 279, 28889-28895.	1.6	95
64	Specification of the Direction of Adhesive Signaling by the Integrin $\beta$ Cytoplasmic Domain. <i>Journal of Biological Chemistry</i> , 2005, 280, 29699-29707.	1.6	91
65	Talin and kindlin: the one-two punch in integrin activation. <i>Frontiers of Medicine</i> , 2014, 8, 6-16.	1.5	91
66	Talin activates integrins by altering the topology of the $\beta$ transmembrane domain. <i>Journal of Cell Biology</i> , 2012, 197, 605-611.	2.3	90
67	The Small GTP-binding Protein R-Ras Can Influence Integrin Activation by Antagonizing a Ras/Raf-initiated Integrin Suppression Pathway. <i>Molecular Biology of the Cell</i> , 1999, 10, 1799-1809.	0.9	89
68	Integrin-mediated Protein Kinase A Activation at the Leading Edge of Migrating Cells. <i>Molecular Biology of the Cell</i> , 2008, 19, 4930-4941.	0.9	88
69	CD98-Mediated Adhesive Signaling Enables the Establishment and Propagation of Acute Myelogenous Leukemia. <i>Cancer Cell</i> , 2016, 30, 792-805.	7.7	86
70	A RIAM/lamellipodin-talin integrin complex forms the tip of sticky fingers that guide cell migration. <i>Nature Communications</i> , 2015, 6, 8492.	5.8	85
71	Neutrophil recruitment limited by high-affinity bent $\beta$ 2 integrin binding ligand in cis. <i>Nature Communications</i> , 2016, 7, 12658.	5.8	84
72	Platelet Integrins. <i>Thrombosis and Haemostasis</i> , 1993, 70, 087-093.	1.8	83

#	ARTICLE	IF	CITATIONS
73	Cerebral Cavernous Malformation: From Mechanism to Therapy. <i>Circulation Research</i> , 2021, 129, 195-215.	2.0	82
74	Molecular mechanism of inside-out integrin regulation. <i>Journal of Thrombosis and Haemostasis</i> , 2011, 9, 20-25.	1.9	81
75	Thrombospondin1 (TSP1) replacement prevents cerebral cavernous malformations. <i>Journal of Experimental Medicine</i> , 2017, 214, 3331-3346.	4.2	80
76	Blocking neutrophil integrin activation prevents ischemia-reperfusion injury. <i>Journal of Experimental Medicine</i> , 2015, 212, 1267-1281.	4.2	78
77	Soluble VCAM-1 binding to $\alpha 4$ integrins is cell-type specific and activation dependent and is disrupted during apoptosis in T cells. <i>Blood</i> , 2000, 95, 602-609.	0.6	76
78	Analysis of the tetraspanin CD9-integrin $\alpha 1 \beta 2$ (GPIIb-IIIa) complex in platelet membranes and transfected cells. <i>Biochemical Journal</i> , 1997, 327, 291-298.	1.7	75
79	Domain-Specific Interactions of Talin with the Membrane-Proximal Region of the Integrin $\beta 3$ Subunit. <i>Biochemistry</i> , 2003, 42, 8307-8312.	1.2	75
80	Structural Determinants of Integrin Binding to the Talin Rod. <i>Journal of Biological Chemistry</i> , 2009, 284, 8866-8876.	1.6	73
81	Two modes of integrin activation form a binary molecular switch in adhesion maturation. <i>Molecular Biology of the Cell</i> , 2013, 24, 1354-1362.	0.9	72
82	Integrin $\alpha 1 \beta 2$ and Platelet Function. <i>Thrombosis and Haemostasis</i> , 1997, 78, 096-100.	1.8	72
83	Structural Basis for Phosphatidylinositol Phosphate Kinase Type $\beta 3$ Binding to Talin at Focal Adhesions. <i>Journal of Biological Chemistry</i> , 2005, 280, 8381-8386.	1.6	71
84	Integrin-associated proteins as potential therapeutic targets. <i>Immunological Reviews</i> , 2008, 223, 236-251.	2.8	70
85	Interactions of platelet integrin $\alpha 1 \beta 2$ and $\beta 3$ transmembrane domains in mammalian cell membranes and their role in integrin activation. <i>Blood</i> , 2009, 113, 4747-4753.	0.6	69
86	Death Effector Domain Protein PEA-15 Potentiates Ras Activation of Extracellular Signal Receptor-activated Kinase by an Adhesion-independent Mechanism. <i>Molecular Biology of the Cell</i> , 2000, 11, 2863-2872.	0.9	66
87	ADAP interactions with talin and kindlin promote platelet integrin $\alpha 1 \beta 2$ activation and stable fibrinogen binding. <i>Blood</i> , 2014, 123, 3156-3165.	0.6	66
88	Dynamic regulation of integrins. <i>Stem Cells</i> , 1995, 13, 38-46.	1.4	65
89	Loss of T Cell CD98 H Chain Specifically Ablates T Cell Clonal Expansion and Protects from Autoimmunity. <i>Journal of Immunology</i> , 2011, 187, 851-860.	0.4	62
90	Structural basis of the junctional anchorage of the cerebral cavernous malformations complex. <i>Journal of Cell Biology</i> , 2012, 199, 39-48.	2.3	61

#	ARTICLE	IF	CITATIONS
91	Cerebral cavernous malformations form an anticoagulant vascular domain in humans and mice. <i>Blood</i> , 2019, 133, 193-204.	0.6	60
92	A mechanism of Rap1-induced stabilization of endothelial cell-cell junctions. <i>Molecular Biology of the Cell</i> , 2011, 22, 2509-2519.	0.9	59
93	Endothelial cell talin1 is essential for embryonic angiogenesis. <i>Developmental Biology</i> , 2011, 349, 494-502.	0.9	58
94	Blocking the $\alpha 4$ integrin-paxillin interaction selectively impairs mononuclear leukocyte recruitment to an inflammatory site. <i>Journal of Clinical Investigation</i> , 2006, 116, 715-723.	3.9	58
95	CD98hc (SLC3A2) Interaction with the Integrin $\beta 2$ Subunit Cytoplasmic Domain Mediates Adhesive Signaling. <i>Journal of Biological Chemistry</i> , 2007, 282, 24477-24484.	1.6	57
96	Talin Plays a Critical Role in the Maintenance of the Regulatory T Cell Pool. <i>Journal of Immunology</i> , 2017, 198, 4639-4651.	0.4	56
97	CD98hc (SLC3A2) Loss Protects Against Ras-Driven Tumorigenesis by Modulating Integrin-Mediated Mechanotransduction. <i>Cancer Research</i> , 2014, 74, 6878-6889.	0.4	54
98	High mutation detection rates in cerebral cavernous malformation upon stringent inclusion criteria: one-third of probands are minors. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2014, 2, 176-185.	0.6	53
99	Antithrombotic effects of targeting $\alpha$ IIb $\beta$ 3 signaling in platelets. <i>Blood</i> , 2009, 113, 3585-3592.	0.6	52
100	Talin-1 is the principal platelet Rap1 effector of integrin activation. <i>Blood</i> , 2020, 136, 1180-1190.	0.6	52
101	Antitumor activity of an anti-CD98 antibody. <i>International Journal of Cancer</i> , 2015, 137, 710-720.	2.3	51
102	Amino Acid Transport Associated to Cluster of Differentiation 98 Heavy Chain (CD98hc) Is at the Cross-road of Oxidative Stress and Amino Acid Availability. <i>Journal of Biological Chemistry</i> , 2016, 291, 9700-9711.	1.6	50
103	Platelet Integrins. <i>Thrombosis and Haemostasis</i> , 1995, 74, 352-359.	1.8	50
104	Kindlins, Integrin Activation and the Regulation of Talin Recruitment to $\alpha$ IIb $\beta$ 3. <i>PLoS ONE</i> , 2012, 7, e34056.	1.1	49
105	High-Affinity Bent $\beta 2$ -Integrin Molecules in Arresting Neutrophils Face Each Other through Binding to ICAMs In cis. <i>Cell Reports</i> , 2019, 26, 119-130.e5.	2.9	46
106	The effector loop and prenylation site of R-Ras are involved in the regulation of integrin function. <i>Oncogene</i> , 2000, 19, 4961-4969.	2.6	45
107	Rap1 binding and a lipid-dependent helix in talin F1 domain promote integrin activation in tandem. <i>Journal of Cell Biology</i> , 2019, 218, 1799-1809.	2.3	45
108	The Structure of the Ternary Complex of Krev Interaction Trapped 1 (KRIT1) Bound to Both the Rap1 GTPase and the Heart of Glass (HEG1) Cytoplasmic Tail. <i>Journal of Biological Chemistry</i> , 2013, 288, 23639-23649.	1.6	44

#	ARTICLE	IF	CITATIONS
109	Integrin Activation Controls Regulatory T Cell-Mediated Peripheral Tolerance. <i>Journal of Immunology</i> , 2018, 200, 4012-4023.	0.4	44
110	Subcellular Localization of Talin Is Regulated by Inter-domain Interactions. <i>Journal of Biological Chemistry</i> , 2012, 287, 13799-13812.	1.6	43
111	Heart of glass anchors Rasip1 at endothelial cell-cell junctions to support vascular integrity. <i>ELife</i> , 2016, 5, e11394.	2.8	43
112	Centripetal myosin redistribution in thrombin-stimulated platelets. <i>Experimental Cell Research</i> , 1984, 155, 198-212.	1.2	40
113	Comprehensive transcriptome analysis of cerebral cavernous malformation across multiple species and genotypes. <i>JCI Insight</i> , 2019, 4, .	2.3	40
114	An Isoform-Specific Myristylation Switch Targets Type II PKA Holoenzymes to Membranes. <i>Structure</i> , 2015, 23, 1563-1572.	1.6	38
115	Tissue Factor Prothrombotic Activity Is Regulated by Integrin- $\alpha$ 6 Trafficking. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1323-1331.	1.1	38
116	Platelet activation by a relapsing fever spirochaete results in enhanced bacterium-platelet interaction via integrin $\alpha$ IIb $\beta$ 3 activation. <i>Molecular Microbiology</i> , 2001, 39, 330-341.	1.2	36
117	CD98 regulates vascular smooth muscle cell proliferation in atherosclerosis. <i>Atherosclerosis</i> , 2017, 256, 105-114.	0.4	35
118	Interaction of kindlin-2 with integrin $\beta$ 3 promotes outside-in signaling responses by the $\alpha$ 5 $\beta$ 3 vitronectin receptor. <i>Blood</i> , 2015, 125, 1995-2004.	0.6	32
119	Astrocytes propel neurovascular dysfunction during cerebral cavernous malformation lesion formation. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	32
120	Rap1 binding to the talin 1 FO domain makes a minimal contribution to murine platelet GPIIb-IIIa activation. <i>Blood Advances</i> , 2018, 2, 2358-2368.	2.5	30
121	Kindlin-3 recruitment to the plasma membrane precedes high-affinity $\beta$ 2-integrin and neutrophil arrest from rolling. <i>Blood</i> , 2021, 137, 29-38.	0.6	30
122	Ubiquitination of CD98 limits cell proliferation and clonal expansion. <i>Journal of Cell Science</i> , 2015, 128, 4273-8.	1.2	29
123	Propranolol inhibits cavernous vascular malformations by $\beta$ 1 adrenergic receptor antagonism in animal models. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	28
124	A Mutation in the $\alpha$ Subunit of the Platelet Integrin $\alpha$ IIb $\beta$ 3 Identifies a Novel Region Important for Ligand Binding. <i>Blood</i> , 1999, 93, 918-924.	0.6	27
125	Transcriptome clarifies mechanisms of lesion genesis versus progression in models of Ccm3 cerebral cavernous malformations. <i>Acta Neuropathologica Communications</i> , 2019, 7, 132.	2.4	27
126	Distinct integrin activation pathways for effector and regulatory T cell trafficking and function. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	27



#	ARTICLE	IF	CITATIONS
127	Restricted endothelial cell expression of gravin in vivo. <i>The Anatomical Record</i> , 1994, 239, 231-242.	2.3	26
128	Differences in Regulation of <i>Drosophila</i> and Vertebrate Integrin Affinity by Talin. <i>Molecular Biology of the Cell</i> , 2008, 19, 3589-3598.	0.9	26
129	Fine-tuning Tumor Immunity with Integrin Trans-regulation. <i>Cancer Immunology Research</i> , 2015, 3, 661-667.	1.6	26
130	Biomarkers of cavernous angioma with symptomatic hemorrhage. <i>JCI Insight</i> , 2019, 4, .	2.3	25
131	Phenotypic characterization of murine models of cerebral cavernous malformations. <i>Laboratory Investigation</i> , 2019, 99, 319-330.	1.7	24
132	A Small Molecule That Inhibits the Interaction of Paxillin and $\beta 4$ Integrin Inhibits Accumulation of Mononuclear Leukocytes at a Site of Inflammation. <i>Journal of Biological Chemistry</i> , 2010, 285, 9462-9469.	1.6	22
133	Annular Anionic Lipids Stabilize the Integrin $\beta 3$ Transmembrane Complex. <i>Journal of Biological Chemistry</i> , 2015, 290, 8283-8293.	1.6	22
134	Transmission of integrin $\beta 7$ transmembrane domain topology enables gut lymphoid tissue development. <i>Journal of Cell Biology</i> , 2018, 217, 1453-1465.	2.3	22
135	$\beta 7$ Integrin Inhibition Can Increase Intestinal Inflammation by Impairing Homing of CD25 <sup>hi</sup> FoxP3 <sup>+</sup> Regulatory T Cells. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 9, 369-385.	2.3	22
136	SnapShot: Talin and the Modular Nature of the Integrin Adhesome. <i>Cell</i> , 2014, 156, 1340-1340.e1.	13.5	21
137	Low density lipoprotein inhibits the physical interaction of phlogistic crystals and inflammatory cells. <i>Arthritis and Rheumatism</i> , 1986, 29, 363-370.	6.7	20
138	Enhanced Integrin $\beta 1$ -Mediated Adhesion Contributes to a Mobilization Defect of Endothelial Progenitor Cells in Diabetes. <i>Diabetes</i> , 2016, 65, 3505-3515.	0.3	20
139	RLIP76 regulates Arf6-dependent cell spreading and migration by linking ARNO with activated R-Ras at recycling endosomes. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 785-791.	1.0	18
140	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.	1.6	17
141	Genetic and Pharmacological Analyses of Syk Function in $\beta 3$ Signaling in Platelets. <i>Blood</i> , 1999, 93, 2645-2652.	0.6	16
142	Structural Basis of Dimeric Rasip1 RA Domain Recognition of the Ras Subfamily of GTP-Binding Proteins. <i>Structure</i> , 2016, 24, 2152-2162.	1.6	15
143	Cutting Edge: Loss of T Cell RIAM Precludes Conjugate Formation with APC and Prevents Immune-Mediated Diabetes. <i>Journal of Immunology</i> , 2017, 198, 3410-3415.	0.4	15
144	Frontline Science: A flexible kink in the transmembrane domain impairs $\beta 2$ integrin extension and cell arrest from rolling. <i>Journal of Leukocyte Biology</i> , 2020, 107, 175-183.	1.5	15

#	ARTICLE	IF	CITATIONS
145	Platelets in the synovial space. <i>Arthritis and Rheumatism</i> , 1978, 21, 994-995.	6.7	14
146	Live Cell Imaging of Paxillin in Rolling Neutrophils by Dual-Color Quantitative Dynamic Footprinting. <i>Microcirculation</i> , 2011, 18, 361-372.	1.0	14
147	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.	1.6	9
148	A stem cell reporter based platform to identify and target drug resistant stem cells in myeloid leukemia. <i>Nature Communications</i> , 2020, 11, 5998.	5.8	8
149	Abortive intussusceptive angiogenesis causes multi-cavernous vascular malformations. <i>ELife</i> , 2021, 10, .	2.8	8
150	Signal Transduction: Physical Deformation of the Membrane Activates Integrins. <i>Current Biology</i> , 2020, 30, R397-R400.	1.8	7
151	MARCH Proteins Mediate Responses to Antitumor Antibodies. <i>Journal of Immunology</i> , 2020, 205, 2883-2892.	0.4	5
152	Optogenetics-based localization of talin to the plasma membrane promotes activation of $\beta_3$ integrins. <i>Journal of Biological Chemistry</i> , 2021, 296, 100675.	1.6	5
153	Endothelial struts enable the generation of large lumenized blood vessels de novo. <i>Nature Cell Biology</i> , 2021, 23, 322-329.	4.6	4
154	Fibronectin: A Contender in Platelet Adhesive Functions. , 1989, , 273-293.		4
155	IGN523: A Therapeutic Anti-CD98 Antibody With Multiple Mechanisms Of Action Demonstrates Anti-Tumor Efficacy. <i>Blood</i> , 2013, 122, 1462-1462.	0.6	4
156	The Connection Between Rap1 and Talin1 in the Activation of Integrins in Blood Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	1.8	4
157	Manure shoveler's hip: A previously unrecognized syndrome. <i>Arthritis and Rheumatism</i> , 1979, 22, 940-941.	6.7	3
158	A Mutation in the $\alpha$ Subunit of the Platelet Integrin $\alpha$ $\beta_3$ Identifies a Novel Region Important for Ligand Binding. <i>Blood</i> , 1999, 93, 918-924.	0.6	2
159	Platelets. , 2013, , 245-254.		1
160	Phostensin enables lymphocyte integrin activation and population of peripheral lymphoid organs. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	1
161	Inside-out integrin signalling. <i>Current Biology</i> , 1992, 2, 652.	1.8	0
162	The T Cell Receptor SLAPs Integrins Together. <i>Nature Immunology</i> , 2001, 2, 904-905.	7.0	0

#	ARTICLE	IF	CITATIONS
163	The Ins and Outs of Integrin Signaling. , 0, , 1-23.		0
164	Integrin Signaling. , 2004, , 441-445.		0
165	CD98hc is required for the formation of intimal hyperplasia following arterial injury. FASEB Journal, 2008, 22, 174.2.	0.2	0
166	Talin is a master regulator of platelet integrin activation in vivo. FASEB Journal, 2008, 22, 166.9.	0.2	0
167	Investigating PEAâ€15's ability to regulate ERK1/2 MAP Kinase activation. FASEB Journal, 2009, 23, 710.9.	0.2	0
168	Platelets and Response to Injury. , 1998, , 35-55.		0
169	Kindlinâ€3 recruitment to the plasma membrane in neutrophils precedes high affinity integrin activation. FASEB Journal, 2019, 33, 523.7.	0.2	0
170	Differential Use of Rap1 Effectors for Integrin Activation in Platelets and Lymphocytes. Blood, 2020, 136, 27-28.	0.6	0
171	Circulating Plasma miRNA Homologs in Mice and Humans Reflect Familial Cerebral Cavernous Malformation Disease. Translational Stroke Research, 0, , .	2.3	0