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List of Publications by Year
in descending order

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71 papers	10,239 citations	50244 46 h-index	106281 65 g-index
73 all docs	73 docs citations	73 times ranked	8544 citing authors

#	Article	IF	Citations
1	Platelet SHARPIN regulates platelet adhesion and inflammatory responses through associations with Î±IIbÎ²3 and LUBAC. Blood Advances, 2022, 6, 2595-2607.	2.5	3
2	Optogenetics-based localization of talin to the plasma membrane promotes activation of Î²3 integrins. Journal of Biological Chemistry, 2021, 296, 100675.	1.6	5
3	Genetic Instruction of Megakaryocytes and Platelets Derived from Human Induced Pluripotent Stem Cells for Studies of Integrin Regulation. Methods in Molecular Biology, 2021, 2217, 237-249.	0.4	1
4	Underlying Immune Disorder May Predispose Some Transthyretin Amyloidosis Subjects to Inotersen-Mediated Thrombocytopenia. Nucleic Acid Therapeutics, 2020, 30, 94-103.	2.0	22
5	SHARPIN at the nexus of integrin, immune, and inflammatory signaling in human platelets. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4983-4988.	3.3	23
6	uPAR isoform 2 forms a dimer and induces severe kidney disease in mice. Journal of Clinical Investigation, 2019, 129, 1946-1959.	3.9	48
7	Rap1 binding to the talin 1 F0 domain makes a minimal contribution to murine platelet GPIIb-IIIa activation. Blood Advances, 2018, 2, 2358-2368.	2.5	30
8	Regulation of Platelet Adhesion Receptors. , 2017, , 69-84.		5
9	Optogenetic interrogation of integrin Î±VÎ²3 function in endothelial cells. Journal of Cell Science, 2017, 130, 3532-3541.	1.2	17
10	Integrin-based therapeutics: biological basis, clinical use and new drugs. Nature Reviews Drug Discovery, 2016, 15, 173-183.	21.5	324
11	Interaction of kindlin-2 with integrin Î²3 promotes outside-in signaling responses by the Î±VÎ²3 vitronectin receptor. Blood, 2015, 125, 1995-2004.	0.6	32
12	C-terminal COOH of Integrin Î²1 Is Necessary for Î²1 Association with the Kindlin-2 Adapter Protein. Journal of Biological Chemistry, 2014, 289, 11183-11193.	1.6	10
13	Integrin Î±vÎ²3 Drives Slug Activation and Stemness in the Pregnant and Neoplastic Mammary Gland. Developmental Cell, 2014, 30, 295-308.	3.1	80
14	The Classical Lancefield Antigen of Group A Streptococcus Is a Virulence Determinant with Implications for Vaccine Design. Cell Host and Microbe, 2014, 15, 729-740.	5.1	121
15	ADAP interactions with talin and kindlin promote platelet integrin Î±IIbÎ²3 activation and stable fibrinogen binding. Blood, 2014, 123, 3156-3165.	0.6	66
16	The Mechanism of Kindlin-Mediated Activation of Integrin Î±IIbÎ²3. Current Biology, 2013, 23, 2288-2295.	1.8	131
17	Kindlins, Integrin Activation and the Regulation of Talin Recruitment to Î±IIbÎ²3. PLoS ONE, 2012, 7, e34056.	1.1	49
18	The Primacy of Î²1 Integrin Activation in the Metastatic Cascade. PLoS ONE, 2012, 7, e46576.	1.1	61

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19	Kindlin-2 regulates podocyte adhesion and fibronectin matrix deposition through interactions with phosphoinositides and integrins. Journal of Cell Science, 2011, 124, 879-891.	1.2	92
20	ADAPtation of Platelet Integrin Î±IIbÎ²3 to Inside-Out Activation Signals. Blood, 2011, 118, 188-188.	0.6	0
21	Role for ADAP in shear flowâ€“induced platelet mechanotransduction. Blood, 2010, 115, 2274-2282.	0.6	45
22	The final steps of integrin activation: the end game. Nature Reviews Molecular Cell Biology, 2010, 11, 288-300.	16.1	888
23	Cyclic GMP and Protein Kinase G Control a Src-Containing Mechanosome in Osteoblasts. Science Signaling, 2010, 3, ra91.	1.6	80
24	An integrin Î±vÎ²3â€“c-Src oncogenic unit promotes anchorage-independence and tumor progression. Nature Medicine, 2009, 15, 1163-1169.	15.2	250
25	Group IVA cytosolic phospholipase A2 (cPLA2Î±) and integrin Î±IIbÎ²3 reinforce each other's functions during Î±IIbÎ²3 signaling in platelets. Blood, 2009, 113, 447-457.	0.6	23
26	Antithrombotic effects of targeting Î±IIbÎ²3 signaling in platelets. Blood, 2009, 113, 3585-3592.	0.6	52
27	Mechanisms and consequences of agonist-induced talin recruitment to platelet integrin Î±IIbÎ²3. Journal of Cell Biology, 2008, 181, 1211-1222.	2.3	145
28	Differences in Regulation ofDrosophilaand Vertebrate Integrin Affinity by Talin. Molecular Biology of the Cell, 2008, 19, 3589-3598.	0.9	26
29	The GPIIb/IIIa (integrin Î±IIbÎ²3) odyssey: a technology-driven saga of a receptor with twists, turns, and even a bend. Blood, 2008, 112, 3011-3025.	0.6	310
30	ADAP is required for normal Î±IIbÎ²3 activation by VWF/GP Ib-IX-V and other agonists. Blood, 2007, 109, 1018-1025.	0.6	59
31	Outside-In Signaling by Integrin Î±IIbÎ²3. , 2007, , 347-357.		3
32	The zebrafish vitronectin receptor: Characterization of integrin Î±V and Î²3 expression patterns in early vertebrate development. Developmental Dynamics, 2007, 236, 2268-2276.	0.8	23
33	Platelet integrins and immunoreceptors. Immunological Reviews, 2007, 218, 247-264.	2.8	123
34	The antithrombotic potential of selective blockade of talin-dependent integrin Î±IIbÎ²3 (platelet GPIIbâ€“IIIa) activation. Journal of Clinical Investigation, 2007, 117, 2250-2259.	3.9	115
35	Cytosolic Phospholipase A2Î± (cPLA2Î±) Functions at the Nexus of Bidirectional Integrin Signaling in Platelets.. Blood, 2007, 110, 136-136.	0.6	2
36	Reconstructing and Deconstructing Agonist-Induced Activation of Integrin Î±IIbÎ²3. Current Biology, 2006, 16, 1796-1806.	1.8	419

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37	Matrix-specific Suppression of Integrin Activation in Shear Stress Signaling. Molecular Biology of the Cell, 2006, 17, 4686-4697.	0.9	139
38	Evidence for the Requirement of ITAM Domains but Not SLP-76/Gads Interaction for Integrin Signaling in Hematopoietic Cells. Molecular and Cellular Biology, 2006, 26, 6936-6949.	1.1	84
39	Integrin regulation. Current Opinion in Cell Biology, 2005, 17, 509-516.	2.6	421
40	Integrins and Src: dynamic duo of adhesion signaling. Trends in Cell Biology, 2005, 15, 399-403.	3.6	116
41	Specification of the Direction of Adhesive Signaling by the Integrin Î² Cytoplasmic Domain. Journal of Biological Chemistry, 2005, 280, 29699-29707.	1.6	91
42	PTP-1B is an essential positive regulator of platelet integrin signaling. Journal of Cell Biology, 2005, 170, 837-845.	2.3	101
43	Regulation of Outside-in Signaling in Platelets by Integrin-associated Protein Kinase CÎ². Journal of Biological Chemistry, 2005, 280, 644-653.	1.6	109
44	Megakaryocytes Derived from Human Embryonic Stem Cells: A Genetically Tractable System To Study Megakaryocytopoiesis and Integrin Function. Blood, 2005, 106, 1642-1642.	0.6	0
45	Protein-Protein Interactions in Platelet Î±IIbÎ²3Signaling. Seminars in Thrombosis and Hemostasis, 2004, 30, 427-439.	1.5	15
46	Proximal, selective, and dynamic interactions between integrin Î±IIbÎ²3 and protein tyrosine kinases in living cells. Journal of Cell Biology, 2004, 165, 305-311.	2.3	69
47	Integrins: dynamic scaffolds for adhesion and signaling in platelets. Blood, 2004, 104, 1606-1615.	0.6	492
48	Signaling through GP Ib-IX-V activates Î±IIbÎ²3 independently of other receptors. Blood, 2004, 103, 3403-3411.	0.6	170
49	Talin Binding to Integrin Â Tails: A Final Common Step in Integrin Activation. Science, 2003, 302, 103-106.	6.0	1,079
50	Src kinase activation by direct interaction with the integrin Â cytoplasmic domain. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13298-13302.	3.3	487
51	Detection of Integrin Î±IIbÎ²3Clustering in Living Cells. Journal of Biological Chemistry, 2003, 278, 15217-15224.	1.6	73
52	Relationships between Rap1b, Affinity Modulation of Integrin Î±IIbÎ²3, and the Actin Cytoskeleton. Journal of Biological Chemistry, 2002, 277, 25715-25721.	1.6	165
53	Megakaryocytes derived from embryonic stem cells implicate CalDAG-GEFI in integrin signaling. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12819-12824.	3.3	189
54	Coordinate interactions of Csk, Src, and Syk kinases with Î±IIbÎ²3 initiate integrin signaling to the cytoskeleton. Journal of Cell Biology, 2002, 157, 265-275.	2.3	382

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55	Differential Requirement for LAT and SLP-76 in GPVI versus T Cell Receptor Signaling. Journal of Experimental Medicine, 2002, 195, 705-717.	4.2	91
56	The N-terminal SH2 Domains of Syk and ZAP-70 Mediate Phosphotyrosine-independent Binding to Integrin Î² Cytoplasmic Domains. Journal of Biological Chemistry, 2002, 277, 39401-39408.	1.6	110
57	Platelet membrane proteins as adhesion receptors. , 2002, , 80-92.		10
58	Ligand binding to integrin Î±vÎ²3requires tyrosine 178 in the Î±v subunit. Blood, 2001, 97, 175-182.	0.6	19
59	The T Cell Receptor SLAPs Integrins Together. Nature Immunology, 2001, 2, 904-905.	7.0	0
60	Activation of Syk protein tyrosine kinase through interaction with integrin Î² cytoplasmic domains. Current Biology, 2001, 11, 1799-1804.	1.8	151
61	The Molecular Adapter SLP-76 Relays Signals from Platelet Integrin Î±IIbÎ²3 to the Actin Cytoskeleton. Journal of Biological Chemistry, 2001, 276, 5916-5923.	1.6	101
62	Integrins and Actin Filaments: Reciprocal Regulation of Cell Adhesion and Signaling. Journal of Biological Chemistry, 2000, 275, 22607-22610.	1.6	413
63	Genetic and Pharmacological Analyses of Syk Function in îœ€IIbÎ²3 Signaling in Platelets. Blood, 1999, 93, 2645-2652.	0.6	162
64	Mechanisms and Consequences of Affinity Modulation of Integrin Î±VÎ²3 Detected with a Novel Patch-engineered Monovalent Ligand. Journal of Biological Chemistry, 1999, 274, 21609-21616.	1.6	148
65	Primary Megakaryocytes Reveal a Role for Transcription Factor Nf-E2 in Integrin Î±iibÎ²3 Signaling. Journal of Cell Biology, 1999, 147, 1419-1430.	2.3	87
66	Genetic and Pharmacological Analyses of Syk Function in îœ€IIbÎ²3 Signaling in Platelets. Blood, 1999, 93, 2645-2652.	0.6	16
67	Identification of a novel integrin signaling pathway involving the kinase Syk and the guanine nucleotide exchange factor Vav1. Current Biology, 1998, 8, 1289-1299.	1.8	183
68	Complementary Roles for Receptor Clustering and Conformational Change in the Adhesive and Signaling Functions of Integrin Î±IIbÎ²3. Journal of Cell Biology, 1998, 141, 1685-1695.	2.3	224
69	RhoA and the Function of Platelet Integrin Î±IIbÎ²3. Blood, 1998, 91, 4206-4215.	0.6	113
70	Not Just Another Pretty Face: Regulation of Platelet Function at the Cytoplasmic Face of Integrin Î±IIbÎ²3. Thrombosis and Haemostasis, 1997, 78, 220-225.	1.8	28
71	Breaking the Integrin Hinge. Journal of Biological Chemistry, 1996, 271, 6571-6574.	1.6	518