## CITATION REPORT List of articles citing

rn1 1	•	C • . •	C .	1	1 1 1	۱ ،	, •
The regiil	lation ก	it integrin	function	$\mathbf{h}\mathbf{w}$	<b>d</b> 1พลโ	ent	cations
The regul	ation		lanction	$\boldsymbol{\mathcal{O}}_{\mathcal{Y}}$	ai v ai	CIIC	Cutions

DOI: 10.4161/cam.18702 Cell Adhesion and Migration, 2012, 6, 20-9.

Source: https://exaly.com/paper-pdf/52467676/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
183	Cells Sensing Mechanical Cues: Stiffness Influences the Lifetime of CellExtracellular Matrix Interactions by Affecting the Loading Rate.		
182	The unique disulfide bond-stabilized W1 🛭-🗓 loop in the 🗗 Epropeller domain regulates integrin 🗗 affinity and signaling. <b>2013</b> , 288, 14228-14237		6
181	Disruption of disulfide restriction at integrin knees induces activation and ligand-independent signaling of <b>B2013</b> , 126, 5030-41		6
180	Calpain-mediated integrin deregulation as a novel mode of action for the anticancer gallium compound KP46. <b>2014</b> , 13, 2436-49		19
179	A missense mutation in ITGB6 causes pitted hypomineralized amelogenesis imperfecta. <b>2014</b> , 23, 2189	-97	35
178	The hydrophobic contacts between the center of the $\square$ domain and the $\P/\P$ helices are crucial for the low-affinity state of integrin $\P/\P$ $\square$ . <b>2014</b> , 281, 2915-26		4
177	Structural aspects of integrins. Advances in Experimental Medicine and Biology, 2014, 819, 111-26	3.6	21
176	Integrin function in vascular biology: a view from 2013. <b>2014</b> , 21, 241-7		41
175	Natural and artificial mutations in #b integrin lead to a structural deformation of a calcium-binding site. <b>2014</b> , 33, 474-83		O
174	Role of lipid raft components and actin cytoskeleton in fibronectin-binding, surface expression, and de novo synthesis of integrin subunits in PGE2- or 8-Br-cAMP-stimulated mastocytoma P-815 cells. <b>2014</b> , 88, 364-71		2
173	The interaction of integrin HbB with fibrin occurs through multiple binding sites in the Hb Epropeller domain. <b>2014</b> , 289, 2371-83		32
172	Retinoids induce integrin-independent lymphocyte adhesion through RAR-Enuclear receptor activity. <b>2014</b> , 454, 537-42		1
171	Effects of elevated magnesium and substrate on neuronal numbers and neurite outgrowth of neural stem/progenitor cells in vitro. <b>2014</b> , 84, 72-8		19
170	Analysing calcium signalling of cells under high shear flows using discontinuous dielectrophoresis. <i>Scientific Reports</i> , <b>2015</b> , 5, 11973	4.9	15
169	Integrins and haptoglobin: Molecules overexpressed in ovarian cancer. <b>2015</b> , 211, 973-81		15
168	AztD, a Periplasmic Zinc Metallochaperone to an ATP-binding Cassette (ABC) Transporter System in Paracoccus denitrificans. <b>2015</b> , 290, 29984-92		15
167	Integrin-like protein-mediated adhesion and its disturbances during cell cultivation of the mussel Mytilus trossulus. <b>2015</b> , 361, 581-92		11

## (2017-2015)

166	Contractility of single cardiomyocytes differentiated from pluripotent stem cells depends on physiological shape and substrate stiffness. <b>2015</b> , 112, 12705-10		290
165	Concurrent shear stress and chemical stimulation of mechano-sensitive cells by discontinuous dielectrophoresis. <b>2016</b> , 10, 024117		9
164	Kindlin-3 Is Essential for the Resting 41 Integrin-mediated Firm Cell Adhesion under Shear Flow Conditions. <b>2016</b> , 291, 10363-71		11
163	Alpha-enolase on apical surface of renal tubular epithelial cells serves as a calcium oxalate crystal receptor. <i>Scientific Reports</i> , <b>2016</b> , 6, 36103	4.9	13
162	Prenatal exposure to environmental factors and congenital limb defects. 2016, 108, 243-273		15
161	In vivo regulation of integrin turnover by outside-in activation. <b>2016</b> , 129, 2912-24		8
160	The Crystal Structure of the Ubiquitin-like Domain of Ribosome Assembly Factor Ytm1 and Characterization of Its Interaction with the AAA-ATPase Midasin. <b>2016</b> , 291, 882-93		22
159	Zinc is a transmembrane agonist that induces platelet activation in a tyrosine phosphorylation-dependent manner. <b>2016</b> , 8, 91-100		19
158	The contribution of zinc to platelet behaviour during haemostasis and thrombosis. 2016, 8, 144-55		29
157	In Vitro Cytotoxicity, Adhesion, and Proliferation of Human Vascular Cells Exposed to Zinc. <i>ACS Biomaterials Science and Engineering</i> , <b>2016</b> , 2, 634-642	5.5	91
156	Cells Sensing Mechanical Cues: Stiffness Influences the Lifetime of Cell-Extracellular Matrix Interactions by Affecting the Loading Rate. <b>2016</b> , 10, 207-17		41
155	The Compact and Biologically Relevant Structure of Inter-Anhibitor Is Maintained by the Chondroitin Sulfate Chain and Divalent Cations. <b>2016</b> , 291, 4658-70		5
154	Emergence of Small-Molecule Non-RGD-Mimetic Inhibitors for RGD Integrins. <b>2017</b> , 60, 3241-3251		37
153	Virion incorporation of integrin 🖾 facilitates HIV-1 infection and intestinal homing. 2017, 2,		34
152	Atypical interactions of integrin Ewith pro-TGF-II. <b>2017</b> , 114, E4168-E4174		27
151	Comparison Study on Four Biodegradable Polymer Coatings for Controlling Magnesium Degradation and Human Endothelial Cell Adhesion and Spreading. <i>ACS Biomaterials Science and Engineering</i> , <b>2017</b> , 3, 936-950	5.5	40
150	Integrin ⊞Adopts a High Affinity State for Soluble Ligands Under Physiological Conditions. <b>2017</b> , 118, 2044-2052		4
149	Stenotrophomonas maltophilia Serine Protease StmPr1 Induces Matrilysis, Anoikis, and Protease-Activated Receptor 2 Activation in Human Lung Epithelial Cells. <b>2017</b> , 85,		21

148	In silico analysis of Glanzmann variants of Calf-1 domain of Eintegrin revealed dynamic allosteric effect. <i>Scientific Reports</i> , <b>2017</b> , 7, 8001	4.9	19
147	Effects of Different Cell-Detaching Methods on the Viability and Cell Surface Antigen Expression of Synovial Mesenchymal Stem Cells. <b>2017</b> , 26, 1089-1102		74
146	Cartilage acidic protein 1, a new member of the beta-propeller protein family with amyloid propensity. <b>2017</b> , 85, 242-255		12
145	Differential integrin activity mediated by platelet collagen receptor engagement under flow conditions. <b>2017</b> , 117, 1588-1600		9
144	Potential of Integrin Inhibitors for Treating Ovarian Cancer: A Literature Review. <b>2017</b> , 9,		32
143	Integrin Activation Contributes to Lower Cisplatin Sensitivity in MV3 Melanoma Cells by Inducing the Wnt Signalling Pathway. <b>2017</b> , 9,		11
142	PRDM4 mediates YAP-induced cell invasion by activating leukocyte-specific integrin 2 expression. <b>2018</b> , 19,		25
141	In vitro evaluation of MgSr and MgCaSr alloys via direct culture with bone marrow derived mesenchymal stem cells. <b>2018</b> , 72, 407-423		35
140	In silico analysis of structural modifications in and around the integrin #b genu caused by ITGA2B variants in human platelets with emphasis on Glanzmann thrombasthenia. <b>2018</b> , 6, 249-260		2
139	Salt-bridge modulates differential calcium-mediated ligand binding to integrin \( \frac{1}{4} \)- and \( \frac{1}{2} \)-I domains. Scientific Reports, \( 2018 \), 8, 2916	4.9	9
139 138		4.9	9
	domains. Scientific Reports, 2018, 8, 2916  A three-way inter-molecular network accounts for the Call-induced functional modulation of	4.9	
138	domains. <i>Scientific Reports</i> , <b>2018</b> , 8, 2916  A three-way inter-molecular network accounts for the CaPII-induced functional modulation of the pore-forming Ca1.2 subunit. <b>2018</b> , 293, 7176-7188  Understanding the role of structural integrity and differential expression of integrin profiling to	4.9	5
138	A three-way inter-molecular network accounts for the Calli-induced functional modulation of the pore-forming Ca1.2 subunit. 2018, 293, 7176-7188  Understanding the role of structural integrity and differential expression of integrin profiling to identify potential therapeutic targets in breast cancer. 2018, 233, 168-185  CD103 (E Integrin) Undergoes Endosomal Trafficking in Human Dendritic Cells, but Does Not	4.9	5
138 137 136	A three-way inter-molecular network accounts for the Call-induced functional modulation of the pore-forming Ca1.2 subunit. 2018, 293, 7176-7188  Understanding the role of structural integrity and differential expression of integrin profiling to identify potential therapeutic targets in breast cancer. 2018, 233, 168-185  CD103 (E Integrin) Undergoes Endosomal Trafficking in Human Dendritic Cells, but Does Not Mediate Epithelial Adhesion. 2018, 9, 2989  CD45 exclusion- and cross-linking-based receptor signaling together broaden FcRI reactivity. 2018,	4.9	5 17 3
138 137 136	A three-way inter-molecular network accounts for the Cald-induced functional modulation of the pore-forming Ca1.2 subunit. 2018, 293, 7176-7188  Understanding the role of structural integrity and differential expression of integrin profiling to identify potential therapeutic targets in breast cancer. 2018, 233, 168-185  CD103 (E Integrin) Undergoes Endosomal Trafficking in Human Dendritic Cells, but Does Not Mediate Epithelial Adhesion. 2018, 9, 2989  CD45 exclusion- and cross-linking-based receptor signaling together broaden FcRI reactivity. 2018, 11,	4·9 7·3	5 17 3 16
138 137 136 135	A three-way inter-molecular network accounts for the Call-induced functional modulation of the pore-forming Ca1.2 subunit. 2018, 293, 7176-7188  Understanding the role of structural integrity and differential expression of integrin profiling to identify potential therapeutic targets in breast cancer. 2018, 233, 168-185  CD103 (E Integrin) Undergoes Endosomal Trafficking in Human Dendritic Cells, but Does Not Mediate Epithelial Adhesion. 2018, 9, 2989  CD45 exclusion- and cross-linking-based receptor signaling together broaden FcRI reactivity. 2018, 11,  Tuning RGD Motif and Hyaluronan Density to Study Integrin Binding. 2018, 9, 1022  Integrin AD switches its ligand specificity via distinct conformer-specific activation. Journal of Cell		5 17 3 16 5

## (2020-2017)

130	Proteomic Dissection of Nanotopography-Sensitive Mechanotransductive Signaling Hubs that Foster Neuronal Differentiation in PC12 Cells. <b>2017</b> , 11, 417	17	
129	Intrafibrillar, bone-mimetic collagen mineralization regulates breast cancer cell adhesion and migration. <b>2019</b> , 198, 95-106	36	
128	Soluble matrix protein is a potent modulator of mesenchymal stem cell performance. <b>2019</b> , 116, 2042-2057	31	
127	Refined assessment of the impact of cell shape on human mesenchymal stem cell differentiation in 3D contexts. <b>2019</b> , 87, 166-176	5	
126	Cell sheet tissue engineering: Cell sheet preparation, harvesting/manipulation, and transplantation. <b>2019</b> , 107, 955-967	81	
125	N-cadherin-mediated aggregate formation; cell detachment by Trypsin-EDTA loses N-cadherin and delays aggregate formation. <b>2019</b> , 516, 414-418	5	
124	Development of a collagen-like peptide polymer via end-to-end disulfide cross-linking and its application as a biomaterial. <b>2019</b> , 94, 361-371	3	
123	Drug-induced activation of integrin alpha IIb beta 3 leads to minor localized structural changes. <i>PLoS ONE</i> , <b>2019</b> , 14, e0214969	4	
122	Integrin 🛘 Promotes the Interaction of Murine IgG3 with Effector Cells. 2019, 202, 2782-2794	4	
121	An acidic loop within the human soluble CD23 protein may direct the interaction between sCD23 and the #Integrin. <b>2019</b> , 1867, 548-555		
120	Anti-adhesive effects of human soluble thrombomodulin and its domains. <b>2019</b> , 511, 312-317	6	
119	Quantitative characterization of single-cell adhesion properties by atomic force microscopy using protein-functionalized microbeads. <b>2019</b> , 32, e2767	5	
118	Sequence analysis and confirmation of the type IV pili-associated proteins PilY1, PilW and PilV in Acidithiobacillus thiooxidans. <i>PLoS ONE</i> , <b>2019</b> , 14, e0199854	О	
117	Characterization of adhesion properties of the cardiomyocyte integrins and extracellular matrix proteins using atomic force microscopy. <b>2020</b> , 33, e2823	О	
116	Molecular dynamics simulations to the bidirectional adhesion signaling pathway of integrin $\blacksquare$ <b>2020</b> , 88, 679-688	4	
115	Mechanically Regulated Outside-In Activation of an I-Domain-Containing Integrin. <i>Biophysical Journal</i> , <b>2020</b> , 119, 966-977	О	
114	Cell Migration Driven by Self-Generated Integrin Ligand Gradient on Ligand-Labile Surfaces. <i>Current Biology</i> , <b>2020</b> , 30, 4022-4032.e5	10	
113	Guidelines To Predict Binding Poses of Antibody-Integrin Complexes. <b>2020</b> , 5, 16379-16385	1	

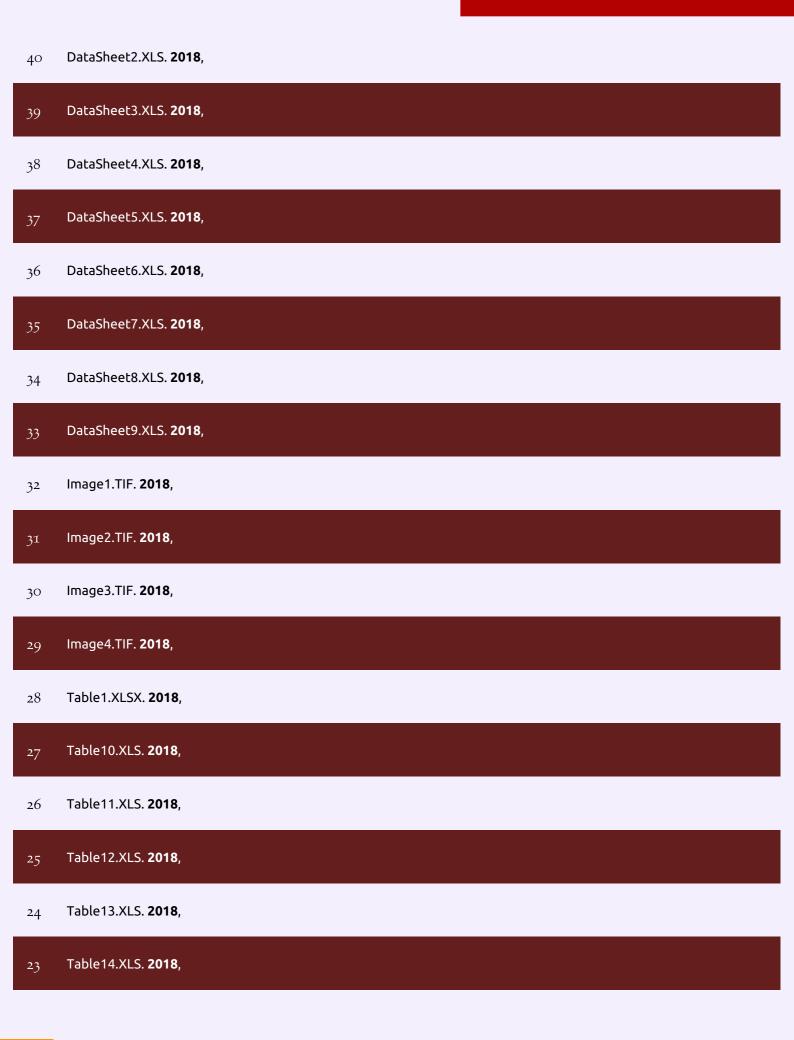
112	Roles of Membrane Domains in Integrin-Mediated Cell Adhesion. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	12
111	ROCK inhibitor combined with Ca controls the myosin II activation and optimizes human nasal epithelial cell sheets. <i>Scientific Reports</i> , <b>2020</b> , 10, 16853	4.9	3
110	Dissection of ⊞ntegrin regulation by Rap1 using novel conformation-specific monoclonal anti-□ antibodies. <i>Scientific Reports</i> , <b>2020</b> , 10, 13221	4.9	
109	Mucin-Like Domain of Mucosal Addressin Cell Adhesion Molecule-1 Facilitates Integrin 40-Mediated Cell Adhesion Through Electrostatic Repulsion. <b>2020</b> , 8, 603148		2
108	TRPV4 integrates matrix mechanosensing with Ca signaling to regulate extracellular matrix remodeling. <b>2021</b> , 288, 5867-5887		6
107	Cadherins, Selectins, and Integrins in CAM-DR in Leukemia. <b>2020</b> , 10, 592733		9
106	Ca-based allosteric switches and shape shifting in RGLG1 VWA domain. 2020, 18, 821-833		5
105	Phagocytic Integrins: Activation and Signaling. <b>2020</b> , 11, 738		15
104	Adipose mesenchymal stromal/stem cells expanded by a GMP compatible protocol displayed improved adhesion on cancer cells in flow conditions. <b>2020</b> , 8, 533		3
103	Ovarian Cancer Exosomes Trigger Differential Biophysical Response in Tumor-Derived Fibroblasts. <i>Scientific Reports</i> , <b>2020</b> , 10, 8686	4.9	8
102	Probing the recognition specificity of Entegrin and syndecan-4 using force spectroscopy. <b>2020</b> , 137, 102888		2
101	A Surface-Tailoring Method for Rapid Non-Thermosensitive Cell-Sheet Engineering via Functional Polymer Coatings. <b>2020</b> , 32, e1907225		18
100	Integrins-Multi-Functional Leukocyte Receptors in Health and Disease. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	34
99	Integrin  Integrin Internalizes Zika Virus during Neural Stem Cells Infection and Provides a Promising Target for Antiviral Therapy. <b>2020</b> , 30, 969-983.e4		32
98	Adhesion molecules in gamete transport, fertilization, early embryonic development, and implantation-role in establishing a pregnancy in cattle: A review. <b>2020</b> , 87, 206-222		8
97	Role of Divalent Cations in HIV-1 Replication and Pathogenicity. <b>2020</b> , 12,		10
96	Short linear motif candidates in the cell entry system used by SARS-CoV-2 and their potential therapeutic implications. <b>2021</b> , 14,		31
95	Redox proteomics reveals an interdependence of redox modification and location of adhesome proteins in NGF-treated PC12[cells. <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 164, 341-353	7.8	O

94	CC17 group B Streptococcus exploits integrins for neonatal meningitis development. 2021, 131,		5
93	Exogenous Integrin HbB Inhibitors Revisited: Past, Present and Future Applications. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
92	Runx2 deficiency in junctional epithelium of mouse molars decreases the expressions of E-cadherin and junctional adhesion molecule 1. <b>2021</b> , 52, 545-553		1
91	Reovirus directly engages integrin to recruit clathrin for entry into host cells. <b>2021</b> , 12, 2149		6
90	Rapid serum-free/suspension adaptation: Medium development using a definitive screening design for Chinese hamster ovary cells. <b>2021</b> , 37, e3154		О
89	RGD-Binding Integrins Revisited: How Recently Discovered Functions and Novel Synthetic Ligands (Re-)Shape an Ever-Evolving Field. <b>2021</b> , 13,		20
88	Mouse IgG3 binding to macrophage-like cells is prevented by deglycosylation of the antibody or by Accutase treatment of the cells. <i>Scientific Reports</i> , <b>2021</b> , 11, 10295	4.9	1
87	Phagocytosis is coupled to the formation of phagosome-associated podosomes and a transient disruption of podosomes in human macrophages. <b>2021</b> , 100, 151161		1
86	Orphan GPR116 mediates the insulin sensitizing effects of the hepatokine FNDC4 in adipose tissue. <b>2021</b> , 12, 2999		8
85	Fluid Transport in the Brain. 2021,		33
8 <sub>5</sub>	Fluid Transport in the Brain. 2021,  WASP integrates substrate topology and cell polarity to guide neutrophil migration.		33
		3.8	33
84	WASP integrates substrate topology and cell polarity to guide neutrophil migration.  Reconstitution of Functional Integrin #bB and Its Activation in Plasma Membrane-Mimetic Lipid	3.8 9.5	2
84	WASP integrates substrate topology and cell polarity to guide neutrophil migration.  Reconstitution of Functional Integrin HbB and Its Activation in Plasma Membrane-Mimetic Lipid Environments. <i>Membranes</i> , <b>2021</b> , 11,  Construction of the Gypsum-Coated Scaffolds for In Situ Bone Regeneration. <i>ACS Applied Materials</i>		
84 83 82	WASP integrates substrate topology and cell polarity to guide neutrophil migration.  Reconstitution of Functional Integrin HbB and Its Activation in Plasma Membrane-Mimetic Lipid Environments. <i>Membranes</i> , <b>2021</b> , 11,  Construction of the Gypsum-Coated Scaffolds for In Situ Bone Regeneration. <i>ACS Applied Materials &amp; Amp; Interfaces</i> , <b>2021</b> , 13, 31527-31541  Identification of an Anti-Integrin HB Autoantibody in Patients With Ulcerative Colitis.	9.5	2
84 83 82 81	WASP integrates substrate topology and cell polarity to guide neutrophil migration.  Reconstitution of Functional Integrin IbB and Its Activation in Plasma Membrane-Mimetic Lipid Environments. <i>Membranes</i> , 2021, 11,  Construction of the Gypsum-Coated Scaffolds for In Situ Bone Regeneration. <i>ACS Applied Materials &amp; amp; Interfaces</i> , 2021, 13, 31527-31541  Identification of an Anti-Integrin IbB Autoantibody in Patients With Ulcerative Colitis. <i>Gastroenterology</i> , 2021, 160, 2383-2394.e21  The integrin-mediated adhesive complex in the ancestor of animals, fungi, and amoebae. <i>Current</i>	9.5	2 11
84 83 82 81 80	WASP integrates substrate topology and cell polarity to guide neutrophil migration.  Reconstitution of Functional Integrin IIbB and Its Activation in Plasma Membrane-Mimetic Lipid Environments. <i>Membranes</i> , 2021, 11,  Construction of the Gypsum-Coated Scaffolds for In Situ Bone Regeneration. <i>ACS Applied Materials &amp; Amp; Interfaces</i> , 2021, 13, 31527-31541  Identification of an Anti-Integrin IIB Autoantibody in Patients With Ulcerative Colitis. <i>Gastroenterology</i> , 2021, 160, 2383-2394.e21  The integrin-mediated adhesive complex in the ancestor of animals, fungi, and amoebae. <i>Current Biology</i> , 2021, 31, 3073-3085.e3	9.5 13.3 6.3	2 11 2

76	Chemical vapor deposited polyelectrolyte coatings with osteoconductive and osteoinductive activities. <i>Surface and Coatings Technology</i> , <b>2021</b> , 423, 127522	4.4	3
75	Flow Cytometry as an Important Tool in Proteomic Profiling. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2261, 213-227	1.4	2
74	Calcium in Cell-Extracellular Matrix Interactions. <i>Advances in Experimental Medicine and Biology</i> , <b>2020</b> , 1131, 1079-1102	3.6	8
73	Engineering Nano-to-Micron-Patterned Polymer Coatings on Bioresorbable Magnesium for Controlling Human Endothelial Cell Adhesion and Morphology. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 3878-3898	5.5	6
7 <sup>2</sup>	Complement receptor 3 forms a compact high affinity complex with iC3b.		2
71	Sequence analysis and confirmation of type IV pili-associated proteins PilY1, PilW and PilV in Acidithiobacillus thiooxidans.		1
70	Investigation of pathogenic genes in peri-implantitis from implant clustering failure patients: a whole-exome sequencing pilot study. <i>PLoS ONE</i> , <b>2014</b> , 9, e99360	3.7	13
69	Integrin mediated adhesion of osteoblasts to connective tissue growth factor (CTGF/CCN2) induces cytoskeleton reorganization and cell differentiation. <i>PLoS ONE</i> , <b>2015</b> , 10, e0115325	3.7	32
68	Cleavage of Type I Collagen by Fibroblast Activation Protein-Enhances Class A Scavenger Receptor Mediated Macrophage Adhesion. <i>PLoS ONE</i> , <b>2016</b> , 11, e0150287	3.7	33
67	Thiol switches in membrane proteins - Extracellular redox regulation in cell biology. <i>Biological Chemistry</i> , <b>2021</b> , 402, 253-269	4.5	3
66	Hold on or Cut? Integrin- and MMP-Mediated Cell-Matrix Interactions in the Tumor Microenvironment. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 22,	6.3	18
65	Influence of Divalent Metal Ions on the Precipitation of the Plasma Protein Fibrinogen. <i>Biomacromolecules</i> , <b>2021</b> , 22, 4642-4658	6.9	2
64	Role of integrins in the metastatic spread of high-grade serous ovarian cancer. <i>Archives of Gynecology and Obstetrics</i> , <b>2021</b> , 1	2.5	
63	Integrin alpha 4 / beta 1 (CD49d/CD29) is a component of the murine IgG3 receptor.		
62	The integrin-mediated adhesome complex, essential to multicellularity, is present in the most recent common ancestor of animals, fungi, and amoebae.		
61	Using Acoustic Fields to Fabricate ECM-Based Biomaterials for Regenerative Medicine Applications. <b>2020</b> , 2,		O
60	Human neutrophil antigen-3a antibodies induce neutrophil aggregation in a plasma-free medium. <i>Blood Transfusion</i> , <b>2013</b> , 11, 541-7	3.6	4
59	Polymer-Coated Magnetic Microspheres Conjugated with Growth Factor Receptor Binding Peptides Enable Cell Sorting. <i>ACS Biomaterials Science and Engineering</i> , <b>2021</b> ,	5.5	O

## (2018-2022)

58	Magnesium sensing via LFA-1 regulates CD8 TItell effector function Cell, 2022,	56.2	6
57	Effect of polycation nanostructures on cell membrane permeability and toxicity. <i>Environmental Science: Nano</i> ,	7.1	O
56	Tether-guided lamellipodia enable rapid wound healing Biophysical Journal, 2022,	2.9	1
55	WASP integrates substrate topology and cell polarity to guide neutrophil migration <i>Journal of Cell Biology</i> , <b>2022</b> , 221,	7.3	6
54	Construction of the drug-contained microenvironment for in situ bone regeneration. <i>Materials Advances</i> ,	3.3	
53	Integrin IIIb IB Activation and Clustering in Minimal Synthetic Cells. <i>Advanced NanoBiomed Research</i> , <b>2022</b> , 2, 2100094	O	O
52	The RGD-binding integrins $\[mathbb{H}\[mathbb{B}\]$ and $\[mathbb{H}\[mathbb{B}\]$ are receptors for mouse adenovirus-1 and -3 infection <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1010083	7.6	1
51	Image_1.TIF. <b>2020</b> ,		
50	Video_1.AVI. <b>2020</b> ,		
49	Video_2.AVI. <b>2020</b> ,		
48	Video_3.AVI. <b>2020</b> ,		
47	Video_4.AVI. <b>2020</b> ,		
46	Video_5.AVI. <b>2020</b> ,		
45	Image_1.TIF. <b>2018</b> ,		
44	Image_2.TIF. <b>2018</b> ,		
43	Image_3.TIF. <b>2018</b> ,		
42	DataSheet1.XLS. <b>2018</b> ,		
41	DataSheet10.XLS. <b>2018</b> ,		



22	Table15.XLS. <b>2018</b> ,		
21	Table2.XLS. <b>2018</b> ,		
20	Table3.xlsx. <b>2018</b> ,		
19	Table4.XLS. <b>2018</b> ,		
18	Table5.XLS. <b>2018</b> ,		
17	Table6.XLS. <b>2018</b> ,		
16	Table7.XLS. <b>2018</b> ,		
15	Table8.XLS. <b>2018</b> ,		
14	Table9.XLS. <b>2018</b> ,		
13	A redox-dependent thiol-switch and a Ca2+ binding site within the hinge region hierarchically depend on each other in 📶 integrin regulation. <i>Free Radical Biology and Medicine</i> , <b>2022</b> , 187, 38-49	7.8	
12	Solubilization and Purification of 📶 Integrin from Rat Liver for Reconstitution into Nanodiscs. <i>Methods in Molecular Biology</i> , <b>2022</b> , 1-18	1.4	1
11	The involvement of a chemokine receptor antagonist CTCE-9908 and kynurenine metabolites in cancer development. <i>Cell Biochemistry and Function</i> ,	4.2	O
10	Cell contractility and Focal Adhesion Kinase control circumferential arterial stiffness. 2022,		O
9	Extracellular matrix: Brick and mortar in the skeletal muscle stem cell niche. 10,		О
8	The Kingella kingae PilC1 MIDAS Motif Is Essential for Type IV Pilus Adhesive Activity and Twitching Motility.		O
7	Magnesium alloys for orthopedic applications:A review on the mechanisms driving bone healing. <b>2022</b> ,		0
6	Minimal Cells and Genome Minimization: Top-Down and Bottom-Up Approaches to Construct Synthetic Cells. <b>2023</b> , 17-44		0
5	Insight into peculiar adhesion of cells to plasma-chemically prepared multifunctional amino-glue surfaces.		О

4	Modulating CD40 and integrin signaling in the proinflammatory nexus using a 15-amino-acid peptide, KGYY15. <b>2023</b> , 299, 104625	O
3	4 Integrins in Immune Homeostasis and Disease. 2023, 273-307	O
2	Manganese supplementation of orthopedic implants: a new strategy for enhancing integrin-mediated cellular responses.	O
1	Quantitative imaging of vesicleprotein interactions reveals close cooperation among proteins. <b>2023</b> , 12,	O