

# CITATION REPORT

List of articles citing

## Integrins: a family of cell surface receptors

DOI: 10.1016/0092-8674(87)90233-9  
Cell, 1987, 48, 549-54.

**Source:** <https://exaly.com/paper-pdf/19139839/citation-report.pdf>

**Version:** 2024-04-26

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
2334	Anti-Adhesion-Oriented Therapies1. <b>1995</b> , 20, 91-102		
2333	Interactions of a neuronal cell line (PC12) with laminin, collagen IV, and fibronectin: identification of integrin-related glycoproteins involved in attachment and process outgrowth. <b>1987</b> , 105, 2347-58		191
2332	Identification of fibronectin receptors on T lymphocytes. <b>1987</b> , 105, 499-506		47
2331	Leukocyte adhesion receptors are stored in peroxidase-negative granules of human neutrophils. <b>1987</b> , 166, 1641-53		194
2330	Amino acid sequence of the human fibronectin receptor. <b>1987</b> , 105, 1183-90		538
2329	The integrin family of cell surface receptors. <b>1987</b> , 15, 789-91		24
2328	Membrane and cytoskeletal changes in cells after transformation by Rous sarcoma virus. <b>1987</b> , 15, 791-4		1
2327	Isolation and characterization of a vinculin cDNA from chick embryo fibroblasts. <b>1987</b> , 15, 794-6		1
2326	Human endothelial cells synthesize and express an Arg-Gly-Asp-directed adhesion receptor involved in attachment to fibrinogen and von Willebrand factor. <b>1987</b> , 84, 6471-5		494
2325	Alternative splicing of chicken fibronectin in embryos and in normal and transformed cells. <b>1987</b> , 7, 4297-307		158
2324	Cloning of the alpha chain of human platelet glycoprotein Ib: a transmembrane protein with homology to leucine-rich alpha 2-glycoprotein. <b>1987</b> , 84, 5615-9		351
2323	Neurite outgrowth on muscle cell surfaces involves extracellular matrix receptors as well as Ca <sup>2+</sup> -dependent and -independent cell adhesion molecules. <b>1987</b> , 84, 2555-9		190
2322	Neutrophil function studies in clinical medicine. <b>1987</b> , 1, 171-81		11
2321	Purified intercellular adhesion molecule-1 (ICAM-1) is a ligand for lymphocyte function-associated antigen 1 (LFA-1). <i>Cell</i> , <b>1987</b> , 51, 813-9	56.2	1534
2320	Occupation of the extracellular matrix receptor, integrin, is a control point for myogenic differentiation. <i>Cell</i> , <b>1987</b> , 51, 51-7	56.2	391
2319	Cell adhesion protein receptors as targets for transforming growth factor-beta action. <i>Cell</i> , <b>1987</b> , 51, 189-97	56.2	472
2318	The platelet membrane glycoprotein IIb/IIIa complex. Structure, function, and relationship to adhesive protein receptors in nucleated cells. <b>1987</b> , 509, 177-87		30

2317	A preliminary comparison of the thrombogenic activity of vitronectin and other RGD-containing proteins when bound to surfaces. <b>1987</b> , 516, 291-9		25
2316	Cell surface receptors for extracellular matrix molecules. <b>1987</b> , 3, 179-205		683
2315	New perspectives in cell adhesion: RGD and integrins. <b>1987</b> , 238, 491-7		4293
2314	Magnesium-dependent attachment and neurite outgrowth by PC12 cells on collagen and laminin substrata. <b>1987</b> , 121, 510-25		65
2313	The Drosophila PS2 antigen is an invertebrate integrin that, like the fibronectin receptor, becomes localized to muscle attachments. <i>Cell</i> , <b>1987</b> , 51, 929-40	56.2	247
2312	Heterogeneous mutations in the beta subunit common to the LFA-1, Mac-1, and p150,95 glycoproteins cause leukocyte adhesion deficiency. <i>Cell</i> , <b>1987</b> , 50, 193-202	56.2	335
2311	Leucocyte typing--OKCD?. <b>1987</b> , 2, 1382-3		5
2310	Integrin, the cell surface receptor for fibronectin and laminin, expresses the L2/HNK-1 and L3 carbohydrate structures shared by adhesion molecules. <b>1987</b> , 83, 303-6		63
2309	Comparison of cDNA-derived protein sequences of the human fibronectin and vitronectin receptor alpha-subunits and platelet glycoprotein IIb. <b>1987</b> , 26, 8158-65		165
2308	Contact-dependent regulation of vinculin expression in cultured fibroblasts: a study with vinculin-specific cDNA probes.. <b>1987</b> , 6, 2897-2905		26
2307	cDNA cloning and complete primary structure of the alpha subunit of a leukocyte adhesion glycoprotein, p150,95.. <b>1987</b> , 6, 4023-4028		195
2306	Platelet glycoprotein IIb. Chromosomal localization and tissue expression. <b>1987</b> , 80, 1812-7		68
2305	Altered expression of lymphocyte functional antigen in Down syndrome. <b>1987</b> , 8, 366-9		14
2304	Membrane receptors for extracellular matrix macromolecules: relationship to cell adhesion and tumor metastasis. <b>1987</b> , 907, 261-78		55
2303	Molecules that make axons grow. <b>1987</b> , 1, 213-45		81
2302	CAMs and Igs: cell adhesion and the evolutionary origins of immunity. <b>1987</b> , 100, 11-45		163
2301	Mitogen stimulation promotes human T lymphocyte adhesion to fibronectin. <b>1987</b> , 26, 645-52		25
2300	Cell culture studies in CML. <b>1987</b> , 1, 931-61		30

2299	Extracellular matrix of the marrow microenvironment. <b>1988</b> , 70, 1-4	80
2298	cDNA clones for human platelet GPIIb corresponding to mRNA from megakaryocytes and HEL cells. Evidence for an extensive homology to other Arg-Gly-Asp adhesion receptors. <b>1988</b> , 171, 87-93	26
2297	Purification of the beta subunit of the fibronectin receptor. <b>1988</b> , 172, 713-8	4
2296	Focal adhesions and cell-matrix interactions. <b>1988</b> , 8, 155-82	81
2295	Molecular determinants of cranial neural crest-derived odontogenic ectomesenchyme during dentinogenesis. <b>1988</b> , 4, 7-22	18
2294	Peripheral motoneuron interactions with laminin and Schwann cell-derived neurite-promoting molecules: developmental regulation of laminin receptor function. <b>1988</b> , 21, 275-85	33
2293	Growth cone migration across extracellular matrix components depends on integrin, but migration across glioma cells does not. <b>1988</b> , 21, 286-97	33
2292	Specific configurations of fibronectin-containing particles correlate with pathways taken by neural crest cells at two axial levels. <b>1988</b> , 222, 69-82	25
2291	Phenotypic analysis of synovial tissue and peripheral blood lymphocytes isolated from patients with rheumatoid arthritis. <b>1988</b> , 31, 1230-8	229
2290	Neural and glial phenotypic expression by neural crest cells in culture: effects of control and presumptive aganglionic bowel from ls/ls mice. <b>1988</b> , 19, 507-31	16
2289	Functional evidence that intercellular adhesion molecule-1 (ICAM-1) is a ligand for LFA-1-dependent adhesion in T cell-mediated cytotoxicity. <b>1988</b> , 18, 637-40	305
2288	Identification of a novel monocyte cell surface molecule involved in the generation of antigen-induced proliferative responses. <b>1988</b> , 18, 2067-71	12
2287	Decrease in tumor-cell attachment and in a 140-kDa fibronectin receptor correlate with greater expression of multiple 34-kDa surface proteins and cytoplasmic 54-kDa components. <b>1988</b> , 41, 96-100	4
2286	Extracellular matrix receptors, ECMRII and ECMRI, for collagen and fibronectin correspond to VLA-2 and VLA-3 in the VLA family of heterodimers. <b>1988</b> , 37, 385-93	199
2285	Adhesion defective BHK cell mutant has cell surface heparan sulfate proteoglycan of altered properties. <b>1988</b> , 136, 226-36	30
2284	Role of IIb-IIIa-like glycoproteins in cell-substratum adhesion of human melanoma cells. <b>1988</b> , 136, 471-8	32
2283	Gene products which play a role in cancer invasion and metastasis. <b>1988</b> , 11, 113-24	52
2282	Organ specificity of tumor metastasis: role of preferential adhesion, invasion and growth of malignant cells at specific secondary sites. <b>1988</b> , 7, 143-88	441

2281	Oncogenes and urological malignancies: implications for the future. <b>1988</b> , 16, 333-9	2
2280	Assignment of human platelet GP2B (GPIIb) gene to chromosome 17, region q21.1-q21.3. <b>1988</b> , 80, 389-92	4
2279	Expression of the CD 15 antigen is a marker of cellular differentiation in cervical intra-epithelial neoplasia (CIN). <b>1988</b> , 155, 207-12	10
2278	ICAM-1 a ligand for LFA-1-dependent adhesion of B, T and myeloid cells. <b>1988</b> , 331, 86-8	530
2277	ICAM, an adhesion ligand of LFA-1, is homologous to the neural cell adhesion molecule NCAM. <b>1988</b> , 331, 624-7	583
2276	A highly conserved amino-acid sequence in thrombospondin, properdin and in proteins from sporozoites and blood stages of a human malaria parasite. <b>1988</b> , 335, 79-82	338
2275	Laminin receptor on platelets is the integrin VLA-6. <b>1988</b> , 336, 487-9	587
2274	Supergene families meet in the immune system. <b>1988</b> , 9, 213-5	189
2273	The multifunctional role of C3, the third component of complement. <b>1988</b> , 9, 387-93	187
2272	Adhesive protein receptors on hematopoietic cells. <b>1988</b> , 9, 109-13	326
2271	Murine hematopoietic cell surface antigen expression. <b>1988</b> , 9, 344-50	53
2270	Human megakaryocytopoiesis: in vitro regulation and characterization of megakaryocytic precursor cells by differentiation markers. <b>1988</b> , 2, 102-7	37
2269	A unique surface antigen on intraepithelial lymphocytes in the mouse. <b>1988</b> , 18, 149-54	63
2268	Extracellular matrix-cytoskeleton interactions in locomoting embryonic cells. <b>1988</b> , 145, 112-119	9
2267	Mapping of human fibronectin receptor beta subunit gene to chromosome 10. <b>1988</b> , 14, 99-104	16
2266	The role of fibronectins in embryonic cell migrations. <b>1988</b> , 4, 198-203	65
2265	Therapeutic uses of agonistic monoclonal antibodies to human lymphocyte cell-surface molecules. <b>1988</b> , 2, 319-342	
2264	Cancer metastasis: tumor cell and host organ properties important in metastasis to specific secondary sites. <b>1988</b> , 948, 175-224	149

2263	Focal adhesions: transmembrane junctions between the extracellular matrix and the cytoskeleton. <b>1988</b> , 4, 487-525	1850
2262	Structure, organization, and regulation of the complement genes. <b>1988</b> , 6, 161-95	156
2261	Basement-membrane components associated with the extracellular matrix of the lymph node. <b>1988</b> , 252, 367-75	53
2260	Role of proto-oncogenes in myocardial hypertrophy. <b>1988</b> , 62, 13G-19G	54
2259	Morphoregulatory molecules. <b>1988</b> , 27, 3533-43	306
2258	The extracellular matrix of the central and peripheral nervous systems: structure and function. <b>1988</b> , 69, 155-70	237
2257	Biochemical analysis of a human epithelial surface antigen: differential cell expression and processing. <b>1988</b> , 267, 342-52	36
2256	Molecular biology of the extracellular matrix proteins. <b>1988</b> , 63, 465-507	49
2255	A role for fibronectin in the migration of avian precardiac cells. I. Dose-dependent effects of fibronectin antibody. <b>1988</b> , 129, 315-23	117
2254	Species specificity in cell-substrate interactions in medusae. <b>1988</b> , 129, 573-81	18
2253	Differential interaction of <i>Xenopus</i> embryonic cells with fibronectin in vitro. <b>1988</b> , 130, 175-83	36
2252	Interneurons versus efferent neurons: heterogeneity in their neurite outgrowth response to glia from several brain regions. <b>1988</b> , 130, 237-49	54
2251	Involvement of gangliosides and glycoprotein fibronectin receptors in cellular adhesion to fibronectin. <b>1988</b> , 177, 90-102	35
2250	The neurite-promoting domain of human laminin promotes attachment and induces characteristic morphology in non-neuronal cells. <b>1988</b> , 177, 186-98	58
2249	Trigramin, an RGD-containing peptide from snake venom, inhibits cell-substratum adhesion of human melanoma cells. <b>1988</b> , 179, 42-9	70
2248	A collagen-binding protein involved in the differentiation of myoblasts recognizes the Arg-Gly-Asp sequence. <b>1988</b> , 179, 289-97	22
2247	Fibronectin fibril formation involves cell interactions with two fibronectin domains. <b>1988</b> , 177, 272-83	37
2246	Murine mRNA for the beta-subunit of integrin is increased in BALB/c-3T3 cells entering the G1 phase from the G0 state. <b>1988</b> , 238, 315-9	38

2245	Post-translational modification of the beta-subunit of the human fibronectin receptor. <b>1988</b> , 231, 402-6	23
2244	Determinants of cardiomyocyte development in long-term primary culture. <b>1988</b> , 20, 825-35	71
2243	Use of antiadhesive peptide and swainsonine to inhibit metastasis. <b>1988</b> , 551, 421-41; discussion 441-2	5
2242	Primary structure of ICAM-1 demonstrates interaction between members of the immunoglobulin and integrin supergene families. <i>Cell</i> , <b>1988</b> , 52, 925-33	56.2 875
2241	N-cadherin and integrins: two receptor systems that mediate neuronal process outgrowth on astrocyte surfaces. <b>1988</b> , 1, 33-43	34 <sup>0</sup>
2240	Fibronectin and its receptors. <b>1988</b> , 57, 375-413	1201
2239	Adhesion molecules and the hierarchy of neural development. <b>1988</b> , 1, 3-13	406
2238	Interaction of biological membranes with the cytoskeletal framework of living cells. <b>1988</b> , 64, 261-81	47
2237	The cell biology of the nerve terminal. <b>1988</b> , 1, 431-8	120
2236	Cytoskeletal dynamics and nerve growth. <b>1988</b> , 1, 761-72	690
2235	Characterization of a recombinant murine interleukin-6: assignment of disulfide bonds. <b>1988</b> , 157, 364-72	49
2234	Cloning, characterization, and expression of a human insulin-like growth factor binding protein. <b>1988</b> , 152, 1289-97	217
2233	Isolation of the human platelet glycoprotein IIb gene and characterization of the 5' flanking region. <b>1988</b> , 156, 595-601	57
2232	Isolation and characterization of a platelet surface collagen binding complex related to VLA-2. <b>1988</b> , 153, 217-23	124
2231	Structural and functional relationships among receptors and regulators of the complement system. <b>1988</b> , 25, 1043-51	29
2230	Lysis of CR2-carrying cells by natural killer cells and by activated T-lymphocytes is enhanced by C3 fragments. <b>1988</b> , 25, 1063-6	3
2229	Drosophila adhesion molecules and neural development. <b>1988</b> , 11, 472-5	16
2228	Expression and localization of the fibronectin receptor in the mouse nervous system. <b>1988</b> , 20, 420-30	28

2227	Tenascin interferes with fibronectin action. <i>Cell</i> , <b>1988</b> , 53, 383-90	56.2	533
2226	Site-directed mutagenesis of the cell-binding domain of human fibronectin: separable, synergistic sites mediate adhesive function. <i>Cell</i> , <b>1988</b> , 53, 649-57	56.2	355
2225	Plasminogen receptors: Ubiquitous sites for cellular regulation of fibrinolysis. <b>1988</b> , 2, 61-71		164
2224	Role of laminin A chain in the development of epithelial cell polarity. <i>Cell</i> , <b>1988</b> , 55, 331-41	56.2	440
2223	Identification of a neuronal laminin receptor: an Mr 200K/120K integrin heterodimer that binds laminin in a divalent cation-dependent manner. <b>1988</b> , 1, 713-25		147
2222	Cell surface receptors for kidney basement membranes. <b>1988</b> , 12, 78-83		6
2221	Adhesion-promoting receptors on phagocytes. <b>1988</b> , 9, 99-120		39
2220	Expression and function of cell surface extracellular matrix receptors in mouse blastocyst attachment and outgrowth. <b>1988</b> , 106, 1331-48		138
2219	Axon guidance and the patterning of neuronal projections in vertebrates. <b>1988</b> , 242, 692-9		668
2218	Identification of the major proteins that promote neuronal process outgrowth on Schwann cells in vitro. <b>1988</b> , 107, 353-61		378
2217	Evidence that an RGD-dependent receptor mediates the binding of oligodendrocytes to a novel ligand in a glial-derived matrix. <b>1988</b> , 107, 1541-9		36
2216	Cell attachment to thrombospondin: the role of ARG-GLY-ASP, calcium, and integrin receptors. <b>1988</b> , 107, 2351-61		405
2215	A human mannose-binding protein is an acute-phase reactant that shares sequence homology with other vertebrate lectins. <b>1988</b> , 167, 1034-46		252
2214	Amino acid sequence and distribution of mRNA encoding a major skeletal muscle laminin binding protein: an extracellular matrix-associated protein with an unusual COOH-terminal polyaspartate domain. <b>1988</b> , 107, 699-705		50
2213	Plasma membrane receptors of the mononuclear phagocyte system. <b>1988</b> , 9, 1-26		72
2212	Novel cell surface adhesion receptors involved in interactions between stromal macrophages and haematopoietic cells. <b>1988</b> , 9, 185-206		53
2211	Molecular forms, binding functions, and developmental expression patterns of cytotactin and cytotactin-binding proteoglycan, an interactive pair of extracellular matrix molecules. <b>1988</b> , 106, 519-32		249
2210	Regulation of fibronectin biosynthesis by dexamethasone, transforming growth factor beta, and cAMP in human cell lines. <b>1988</b> , 106, 2159-70		191



2209	C3 receptors on macrophages. <b>1988</b> , 9, 67-97	23
2208	The structure and function of vertebrate mannose lectin-like proteins. <b>1988</b> , 9, 121-33	82
2207	Neuronal cytom mechanics: the actin-based motility of growth cones. <b>1988</b> , 242, 708-15	291
2206	Cell surface distribution of fibronectin and vitronectin receptors depends on substrate composition and extracellular matrix accumulation. <b>1988</b> , 106, 2171-82	204
2205	The human laminin receptor is a member of the integrin family of cell adhesion receptors. <b>1988</b> , 241, 1228-9	265
2204	Localization of an Arg-Gly-Asp recognition site within an integrin adhesion receptor. <b>1988</b> , 242, 91-3	378
2203	Antibodies to the conserved cytoplasmic domain of the integrin beta 1 subunit react with proteins in vertebrates, invertebrates, and fungi. <b>1988</b> , 106, 1765-72	284
2202	Evolutionary conservation of tissue-specific lymphocyte-endothelial cell recognition mechanisms involved in lymphocyte homing. <b>1988</b> , 107, 1845-51	64
2201	Effects of fibronectin on the interaction of polymorphonuclear leukocytes with unopsonized and antibody-opsonized bacteria. <b>1988</b> , 158, 823-30	35
2200	Lymphocyte function-associated antigen-1 (LFA-1) interaction with intercellular adhesion molecule-1 (ICAM-1) is one of at least three mechanisms for lymphocyte adhesion to cultured endothelial cells. <b>1988</b> , 107, 321-31	867
2199	Oligospecificity of the cellular adhesion receptor Mac-1 encompasses an inducible recognition specificity for fibrinogen. <b>1988</b> , 107, 1893-900	315
2198	Fibronectin receptors of phagocytes. Characterization of the Arg-Gly-Asp binding proteins of human monocytes and polymorphonuclear leukocytes. <b>1988</b> , 167, 777-93	141
2197	Attachment to an endogenous laminin-like protein initiates sprouting by leech neurons. <b>1988</b> , 107, 1189-98	67
2196	Fibronectin and vitronectin regulate the organization of their respective Arg-Gly-Asp adhesion receptors in cultured human endothelial cells. <b>1988</b> , 107, 1215-23	232
2195	Preferential expression of fibronectin receptors on immature thymocytes. <b>1988</b> , 106, 2183-90	45
2194	The function of multiple extracellular matrix receptors in mediating cell adhesion to extracellular matrix: preparation of monoclonal antibodies to the fibronectin receptor that specifically inhibit cell adhesion to fibronectin and react with platelet glycoproteins Ic-IIa. <b>1988</b> , 107, 1881-91	402
2193	Identification of new actin-associated polypeptides that are modified by viral transformation and changes in cell shape. <b>1988</b> , 107, 153-61	45
2192	N-cadherin, NCAM, and integrins promote retinal neurite outgrowth on astrocytes in vitro. <b>1988</b> , 107, 1177-87	286

2191	Distribution of a 69-kD laminin-binding protein in aortic and microvascular endothelial cells: modulation during cell attachment, spreading, and migration. <b>1988</b> , 106, 1773-86	85
2190	Functional mapping of cytotactin: proteolytic fragments active in cell-substrate adhesion. <b>1988</b> , 107, 2329-40	137
2189	Contact formation during fibroblast locomotion: involvement of membrane ruffles and microtubules. <b>1988</b> , 106, 747-60	151
2188	Synthetic peptide GRGDS induces dissociation of alpha-actinin and vinculin from the sites of focal contacts. <b>1988</b> , 107, 1231-9	40
2187	Glycoprotein Ic-IIa functions as an activation-independent fibronectin receptor on human platelets. <b>1988</b> , 106, 1359-64	110
2186	Isolation and characterization of a laminin-binding protein from rat and chick muscle. <b>1988</b> , 107, 687-97	40
2185	Mouse T lymphoma cells contain a transmembrane glycoprotein (GP85) that binds ankyrin. <b>1988</b> , 106, 319-27	157
2184	RGD-containing peptides inhibit the synthesis of myelin-like membrane by cultured oligodendrocytes. <b>1988</b> , 107, 1551-9	45
2183	Synergism between membrane gangliosides and Arg-Gly-Asp-directed glycoprotein receptors in attachment to matrix proteins by melanoma cells. <b>1988</b> , 107, 1225-30	56
2182	Sequence of contactin, a 130-kD glycoprotein concentrated in areas of interneuronal contact, defines a new member of the immunoglobulin supergene family in the nervous system. <b>1988</b> , 107, 1561-73	245
2181	Cell to Cell Signals in Plant, Animal and Microbial Symbiosis. <b>1988</b> ,	2
2180	Both cell substratum regulation and hormonal regulation of milk protein gene expression are exerted primarily at the posttranscriptional level. <b>1988</b> , 8, 3183-90	79
2179	Complement receptor type three (CD11b/CD18) of human polymorphonuclear leukocytes recognizes fibrinogen. <b>1988</b> , 85, 7734-8	357
2178	Dynamic membrane-cytoskeletal interactions: specific association of integrin and talin arises in vivo after phorbol ester treatment of peripheral blood lymphocytes. <b>1988</b> , 85, 497-501	190
2177	Physical linkage of the genes for platelet membrane glycoproteins IIb and IIIa. <b>1988</b> , 85, 8683-7	64
2176	Cell-cell and cell-matrix interactions differentially regulate the expression of hepatic and cytoskeletal genes in primary cultures of rat hepatocytes. <b>1988</b> , 85, 2161-5	463
2175	Molecular cloning of the alpha subunit of human and guinea pig leukocyte adhesion glycoprotein Mo1: chromosomal localization and homology to the alpha subunits of integrins. <b>1988</b> , 85, 2776-80	29
2174	Molecular polymorphism of a cell surface proteoglycan: distinct structures on simple and stratified epithelia. <b>1988</b> , 85, 9562-6	122

2173	Intercellular adhesion molecule 1 (ICAM-1) has a central role in cell-cell contact-mediated immune mechanisms. <b>1988</b> , 85, 3095-9	245
2172	An integral membrane protein antigen associated with the membrane attachment sites of actin microfilaments is identified as an integrin beta-chain. <b>1988</b> , 8, 564-70	15
2171	Romancing the clot--the past, the present, the future. <b>1988</b> , 18, 255-61	
2170	Tryptic digestion of human GPIIIa. Isolation and biochemical characterization of the 23 kDa N-terminal glycopeptide carrying the antigenic determinant for a monoclonal antibody (P37) which inhibits platelet aggregation. <b>1988</b> , 250, 697-704	28
2169	Surface proteins and glycoproteins of human leucocytes. <b>1988</b> , 253, 1-26	20
2168	Structure and expression of neural cell adhesion molecule complementary DNA clones in skeletal muscle. <b>1988</b> , 16, 457-60	1
2167	Molecular heterogeneity and differential expression of multiple protein kinase C subspecies in central nervous tissue. <b>1988</b> , 16, 460-3	7
2166	Homing receptors and metastasis. <b>1988</b> , 51, 361-90	60
2165	Cellular and molecular models of neuron-matrix adhesion in nerve fiber growth. <b>1988</b> , 78, 347-52	3
2164	Purification and characterization of mammalian integrins expressed by a rat neuronal cell line (PC12): evidence that they function as alpha/beta heterodimeric receptors for laminin and type IV collagen. <b>1988</b> , 107, 1241-52	145
2163	Cell adhesion induces expression of growth-associated genes in suspension-arrested fibroblasts. <b>1988</b> , 85, 6792-6	162
2162	Dissection of Semliki Forest virus glycoprotein delivery from the trans-Golgi network to the cell surface in permeabilized BHK cells. <b>1988</b> , 85, 8052-6	150
2161	Adhesive receptor Mac-1 coordinates the activation of factor X on stimulated cells of monocytic and myeloid differentiation: an alternative initiation of the coagulation protease cascade. <b>1988</b> , 85, 7462-6	165
2160	The lethal myospheroid gene of <i>Drosophila</i> encodes a membrane protein homologous to vertebrate integrin beta subunits. <b>1988</b> , 85, 2633-7	208
2159	Biochemistry of the platelet membrane. <b>1988</b> , 55, 5-31	
2158	<i>Drosophila</i> fibronectin: a protein that shares properties similar to those of its mammalian homologue.. <b>1988</b> , 7, 215-223	45
2157	Sequence of the twist gene and nuclear localization of its protein in endomesodermal cells of early <i>Drosophila</i> embryos.. <b>1988</b> , 7, 2175-2183	353
2156	Attachment, spreading and locomotion of avian neural crest cells are mediated by multiple adhesion sites on fibronectin molecules.. <b>1988</b> , 7, 2661-2671	147

2155	Electron microscopy and structural model of human fibronectin receptor.. <b>1988</b> , 7, 4093-4099	190
2154	Régulation de la synaptogenèse dans le muscle squelettique adulte. <b>1988</b> , 28, 733-752	
2153	Amino acid sequence of the alpha subunit of human leukocyte adhesion receptor Mo1 (complement receptor type 3). <b>1988</b> , 106, 2153-8	123
2152	Fibronectin receptor exhibits high lateral mobility in embryonic locomoting cells but is immobile in focal contacts and fibrillar streaks in stationary cells. <b>1988</b> , 107, 1385-96	193
2151	Effect of oncogenes on chondrogenesis. <b>1988</b> , 7, 32-7	2
2150	Chromosomal location of the genes encoding the leukocyte adhesion receptors LFA-1, Mac-1 and p150,95. Identification of a gene cluster involved in cell adhesion. <b>1988</b> , 167, 1597-607	99
2149	Chromosomal localization of the genes for the vitronectin and fibronectin receptors alpha subunits and for platelet glycoproteins IIb and IIIa. <b>1988</b> , 81, 1993-8	69
2148	Transforming growth factor beta: biochemistry and roles in embryogenesis, tissue repair and remodeling, and carcinogenesis. <b>1988</b> , 44, 157-97	108
2147	Amino acid sequence of the murine Mac-1 alpha chain reveals homology with the integrin family and an additional domain related to von Willebrand factor.. <b>1988</b> , 7, 1371-1378	113
2146	Transmembrane orientation and receptor-like structure of the Rhizobium meliloti common nodulation protein NodC. <b>1988</b> , 7, 583-588	41
2145	The State of Research in Cutaneous Biology: A Perspective in the 50th Anniversary Year of the Society for Investigative Dermatology and The Journal of Investigative Dermatology. <b>1989</b> , 92, S179-S197	3
2144	Neutrophils as Effectors of Host Defense and Host Damage. Physiopathology and Perspectives of Pharmacological Manipulation. <b>1989</b> , 2, 67-73	1
2143	The extracellular matrix and cellular proliferation in the etiology of benign prostatic hyperplasia. <b>1989</b> , 55-62	
2142	Expression of cell adhesion molecules in lymphoid malignancies. <b>1990</b> , 19, 29-34	2
2141	Cell and substrate adhesion molecules in embryonic and neural development.. <b>1989</b> , 35, 738-747	4
2140	Effect of Cell Shape on Cartilage Differentiation. <b>1989</b> , 291-327	9
2139	Human leukocyte adhesion deficiency: molecular basis for a defective immune response to infections of the skin. <b>1989</b> , 18, 106-15	16
2138	Identification of a cell-surface protein involved in PC12 cell-substratum adhesion and neurite outgrowth on laminin and collagen. <b>1989</b> , 9, 3287-96	124

2137	Amino acid sequence of mouse nidogen, a multidomain basement membrane protein with binding activity for laminin, collagen IV and cells.. <b>1989</b> , 8, 65-72	170
2136	A novel integrin (alpha E beta 4) from human epithelial cells suggests a fourth family of integrin adhesion receptors.. <b>1989</b> , 8, 673-680	204
2135	A novel integrin beta subunit is associated with the vitronectin receptor alpha subunit (alpha v) in a human osteosarcoma cell line and is a substrate for protein kinase C.. <b>1989</b> , 8, 2955-2965	107
2134	The primary structure of the alpha 4 subunit of VLA-4: homology to other integrins and a possible cell-cell adhesion function.. <b>1989</b> , 8, 1361-1368	182
2133	Molecular cloning of murine intercellular adhesion molecule (ICAM-1).. <b>1989</b> , 8, 2889-2896	107
2132	Peyer's patch-specific lymphocyte homing receptors consist of a VLA-4-like alpha chain associated with either of two integrin beta chains, one of which is novel.. <b>1989</b> , 8, 1735-1741	187
2131	Regulated expression of Mg <sup>2+</sup> binding epitope on leukocyte integrin alpha subunits.. <b>1989</b> , 8, 3759-3765	244
2130	Tenascin mediates cell attachment through an RGD-dependent receptor. <b>1989</b> , 108, 1149-55	206
2129	The fibronectin receptor is organized by extracellular matrix fibronectin: implications for oncogenic transformation and for cell recognition of fibronectin matrices. <b>1989</b> , 108, 2529-43	139
2128	Mechanisms of cell adhesion in the nervous system: role of the immunoglobulin gene superfamily. <b>1989</b> , 11, 377-90	48
2127	Report of the committee on the genetic constitution of chromosome 16. <b>1989</b> , 51, 299-318	25
2126	Regulation of mammary differentiation by the extracellular matrix. <b>1989</b> , 80, 71-83	32
2125	Endocytosis and recycling of the fibronectin receptor in CHO cells.. <b>1989</b> , 8, 1341-1348	160
2124	Pioneer growth cone adhesion in vivo to boundary cells and neurons after enzymatic removal of basal lamina in grasshopper embryos. <b>1989</b> , 9, 2687-96	28
2123	Cloning, sequence analysis and expression of a cDNA encoding a novel insulin-like growth factor binding protein (IGFBP-2).. <b>1989</b> , 8, 2497-2502	150
2122	Sequence analysis of alpha 1(VI) and alpha 2(VI) chains of human type VI collagen reveals internal triplication of globular domains similar to the A domains of von Willebrand factor and two alpha 2(VI) chain variants that differ in the carboxy terminus.. <b>1989</b> , 8, 1939-1946	116
2121	The E8 subfragment of laminin promotes locomotion of myoblasts over extracellular matrix. <b>1989</b> , 109, 799-809	168
2120	The human mannose-binding protein functions as an opsonin. <b>1989</b> , 169, 1733-45	410

2119	Novel tyrosine kinase substrates from Rous sarcoma virus-transformed cells are present in the membrane skeleton. <b>1989</b> , 108, 2401-8	410
2118	Identification of a talin binding site in the cytoskeletal protein vinculin. <b>1989</b> , 109, 2917-27	78
2117	Antibody to the murine type 3 complement receptor inhibits T lymphocyte-dependent recruitment of myelomonocytic cells in vivo. <b>1989</b> , 169, 535-48	64
2116	Differential structural requirements for fibrinogen binding to platelets and to endothelial cells. <b>1989</b> , 108, 2519-27	63
2115	The primary structure of the VLA-2/collagen receptor alpha 2 subunit (platelet GPIa): homology to other integrins and the presence of a possible collagen-binding domain. <b>1989</b> , 109, 397-407	310
2114	Identification and characterization of the T lymphocyte adhesion receptor for an alternative cell attachment domain (CS-1) in plasma fibronectin. <b>1989</b> , 109, 1321-30	732
2113	Primary structure of the leukocyte function-associated molecule-1 alpha subunit: an integrin with an embedded domain defining a protein superfamily. <b>1989</b> , 108, 703-12	254
2112	Dynamic cytoskeleton-integrin associations induced by cell binding to immobilized fibronectin. <b>1989</b> , 109, 3455-64	81
2111	Molecular cloning of a murine fibronectin receptor and its expression during inflammation. Expression of VLA-5 is increased in activated peritoneal macrophages in a manner discordant from major histocompatibility complex class II. <b>1989</b> , 169, 1589-605	88
2110	Von Willebrand factor promotes endothelial cell adhesion via an Arg-Gly-Asp-dependent mechanism. <b>1989</b> , 109, 367-75	94
2109	Activation of CD4 cells by fibronectin and anti-CD3 antibody. A synergistic effect mediated by the VLA-5 fibronectin receptor complex. <b>1989</b> , 170, 1133-48	254
2108	CR3 (CD11b/CD18) expresses one binding site for Arg-Gly-Asp-containing peptides and a second site for bacterial lipopolysaccharide. <b>1989</b> , 169, 175-83	230
2107	Mechanochemical switching between growth and differentiation during fibroblast growth factor-stimulated angiogenesis in vitro: role of extracellular matrix. <b>1989</b> , 109, 317-30	774
2106	The osteoclast functional antigen, implicated in the regulation of bone resorption, is biochemically related to the vitronectin receptor. <b>1989</b> , 109, 1817-26	335
2105	Constitutive and stimulus-induced phosphorylation of CD11/CD18 leukocyte adhesion molecules. <b>1989</b> , 109, 3435-44	191
2104	The human mannose-binding protein gene. Exon structure reveals its evolutionary relationship to a human pulmonary surfactant gene and localization to chromosome 10. <b>1989</b> , 170, 1175-89	249
2103	High molecular weight kininogen inhibits fibrinogen binding to cytoadhesins of neutrophils and platelets. <b>1989</b> , 109, 377-87	76
2102	Advanced Research on Animal Cell Technology. <b>1989</b> ,	0

2101	Thrombospondin modulates focal adhesions in endothelial cells. <b>1989</b> , 109, 1309-19	229
2100	Activation-dependent redistribution of the adhesion plaque protein, talin, in intact human platelets. <b>1989</b> , 109, 3333-46	73
2099	Integrin phosphorylation is modulated during the differentiation of F-9 teratocarcinoma stem cells. <b>1989</b> , 108, 183-90	64
2098	Activation of pro-urokinase and plasminogen on human sarcoma cells: a proteolytic system with surface-bound reactants. <b>1989</b> , 108, 1987-95	283
2097	Involvement of LFA-1 in lymphoma invasion and metastasis demonstrated with LFA-1-deficient mutants. <b>1989</b> , 108, 1979-85	93
2096	Integrin VLA-3: ultrastructural localization at cell-cell contact sites of human cell cultures. <b>1989</b> , 109, 1807-15	142
2095	The specific interaction of helper T cells and antigen-presenting B cells. IV. Membrane and cytoskeletal reorganizations in the bound T cell as a function of antigen dose. <b>1989</b> , 170, 1697-713	155
2094	Phorbol ester modulation of integrin-mediated cell adhesion: a postreceptor event. <b>1989</b> , 108, 1925-33	145
2093	Expression of normal and mutant avian integrin subunits in rodent cells. <b>1989</b> , 109, 853-61	169
2092	Role of fibronectin in adhesion, migration, and metastasis. <b>1989</b> , 7, 373-93	93
2091	Immunogenetics of human cell surface differentiation. <b>1989</b> , 7, 481-511	57
2090	RGD-dependent linkage between plant cell wall and plasma membrane: consequences for growth. <b>1989</b> , 108, 1955-65	146
2089	Cell biology of cytotoxic and helper T cell functions: immunofluorescence microscopic studies of single cells and cell couples. <b>1989</b> , 7, 309-37	264
2088	The osteoblast-like differentiated phenotype of a variant of MG-63 osteosarcoma cell line correlated with altered adhesive properties. <b>1989</b> , 20, 49-61	33
2087	A novel member of the integrin receptor family mediates Arg-Gly-Asp-stimulated neutrophil phagocytosis. <b>1989</b> , 108, 1935-43	167
2086	Endothelial cells use alpha 2 beta 1 integrin as a laminin receptor. <b>1989</b> , 109, 2455-62	321
2085	Integrin heterodimer and receptor complexity in avian and mammalian cells. <b>1989</b> , 109, 409-20	143
2084	Proto-oncogenes and cardiac hypertrophy. <b>1989</b> , 51, 189-202	77

2083	Beta 3 subunit of vitronectin receptor is present in osteoclast adhesion structures and not in other monocyte-macrophage derived cells. <b>1989</b> , 20, 143-9	36
2082	Leukocyte function-associated antigen 1 is an activation molecule for human T cells. <b>1989</b> , 170, 431-48	161
2081	Dissecting tumor cell invasion: epithelial cells acquire invasive properties after the loss of uvomorulin-mediated cell-cell adhesion. <b>1989</b> , 108, 2435-47	1058
2080	Fibronectin is overproduced by keloid fibroblasts during abnormal wound healing. <b>1989</b> , 9, 1642-50	137
2079	Molecular cloning of syndecan, an integral membrane proteoglycan. <b>1989</b> , 108, 1547-56	441
2078	Adhesomes: specific granules containing receptors for laminin, C3bi/fibrinogen, fibronectin, and vitronectin in human polymorphonuclear leukocytes and monocytes. <b>1989</b> , 109, 3169-82	138
2077	Murine T cells express a cell surface receptor for multiple extracellular matrix proteins. Identification and characterization with monoclonal antibodies. <b>1989</b> , 169, 2173-90	50
2076	Neutrophil-endothelial cell interactions: mechanisms of neutrophil adherence to vascular endothelium. <b>1989</b> , 93, 53S-58S	89
2075	Cytokine-induced respiratory burst of human neutrophils: dependence on extracellular matrix proteins and CD11/CD18 integrins. <b>1989</b> , 109, 1341-9	494
2074	SPARC, a secreted protein associated with cellular proliferation, inhibits cell spreading in vitro and exhibits Ca <sup>2+</sup> -dependent binding to the extracellular matrix. <b>1989</b> , 109, 341-56	341
2073	Protein factors which regulate cell motility. <b>1989</b> , 25, 1079-87	76
2072	In vitro adhesion of mouse fetal germ cells to extracellular matrix components. <b>1989</b> , 26, 87-96	49
2071	MB1, a quail leukocyte-endothelium antigen: further characterization of soluble and cell-associated forms. <b>1989</b> , 27, 151-62	3
2070	Towards the molecular biology of cell adhesion in Drosophila. <b>1989</b> , 5, 24-8	12
2069	Binding and entry of animal viruses. <b>1989</b> , 4, 1-26	18
2068	Macrophages as targets for drug delivery. <b>1989</b> , 4, 27-47	29
2067	Endothelial cell receptors. <b>1989</b> , 4, 65-85	6
2066	Expression and function of cell surface galactosyltransferase. <b>1989</b> , 988, 389-409	50



2065	Membrane-cytoskeleton interactions in animal cells. <b>1989</b> , 988, 147-71	132
2064	Location of the integrin complex and extracellular matrix molecules at the chicken myotendinous junction. <b>1989</b> , 257, 537-43	60
2063	Collagen binding proteins derived from the embryonic fibroblast cell surface recognize arginine-glycine-aspartic acid. <b>1989</b> , 9, 329-40	4
2062	Extracellular adhesive molecules in neurite growth. <b>1989</b> , 9, 1-12	15
2061	Biomechanical interactions of cancer cells with the microvasculature during metastasis. <b>1989</b> , 14, 187-215	51
2060	A novel monoclonal antibody, 1B3.1, binds to a new epitope of the VLA-1 molecule. <b>1989</b> , 122, 416-23	23
2059	Elevated NK-mediated lysis of Raji and Daudi cells carrying fixed iC3b fragments. <b>1989</b> , 119, 459-69	9
2058	A peptide containing the cell adhesion sequence RGD can mediate degranulation and cell adhesion of crayfish granular haemocytes in vitro. <b>1989</b> , 19, 573-579	49
2057	Role of the growth cone in neuronal differentiation. <b>1989</b> , 3, 101-33	14
2056	A single-step purification procedure and partial amino acid sequence analysis of picomole amounts of the rat T cell alloantigen RT6.2. <b>1989</b> , 23, 133-7	10
2055	Cell-substrate adhesion affects intracellular motility of pulmonary macrophages. <b>1989</b> , 42, 271-288	
2054	Interactions between cancer cells and the microvasculature: a rate-regulator for metastasis. <b>1989</b> , 7, 127-67	124
2053	Immunochemical characterization of the new platelet alloantigen system Bra/Brb. <b>1989</b> , 72, 191-8	47
2052	Immunology of platelet disorders. <b>1989</b> , 2, 749-81	26
2051	Integrin-type fibronectin receptors of rat arterial smooth muscle cells: isolation, partial characterization and role in cytoskeletal organization and control of differentiated properties. <b>1989</b> , 41, 158-67	51
2050	Antagonistic effects of laminin and fibronectin on the expression of the myogenic phenotype. <b>1989</b> , 40, 150-7	116
2049	Structure and biological activity of basement membrane proteins. <b>1989</b> , 180, 487-502	784
2048	Collagen receptor on T lymphocytes and the control of lymphocyte motility. <b>1989</b> , 19, 929-34	33

2047	Characterization of a novel myeloid antigen regulated during differentiation of monocytic cells. <b>1989</b> , 19, 1373-8	36
2046	Acquisition of tumorigenic potential in the human myoepithelial HBL100 cell line is associated with decreased expression of HLA class I, class II and integrin beta 3 and increased expression of c-myc. <b>1989</b> , 43, 658-64	17
2045	The Mr 140,000 fibronectin receptor complex in normal and virus-transformed human fibroblasts and in fibrosarcoma cells: identical localization and function. <b>1989</b> , 43, 1126-36	69
2044	Reduced cell adhesion to fibronectin and laminin is associated with altered glycosylation of beta 1 integrins in a weakly metastatic glycosylation mutant. <b>1989</b> , 44, 343-7	41
2043	Integrin-receptor-mediated differentiation and growth inhibition are enhanced by transforming growth factor-beta in colorectal tumour cells grown in collagen gel. <b>1989</b> , 44, 518-23	50
2042	Effect of inhibitors of N-linked oligosaccharide processing on the cell surface expression of a melanoma integrin. <b>1989</b> , 41, 37-45	6
2041	Plasma membrane lipid organization and the adherence of differentiating lymphocytes to macrophages. <b>1989</b> , 138, 61-9	16
2040	Modulation of growth factor induced fiber outgrowth in rat pheochromocytoma (PC12) cells by a fibronectin receptor antibody. <b>1989</b> , 138, 121-8	11
2039	Regulation of expression of the cell adhesion receptors, integrins, by recombinant human interleukin-1 beta in human osteosarcoma cells: inhibition of cell proliferation and stimulation of alkaline phosphatase activity. <b>1989</b> , 138, 291-9	68
2038	Human microvascular endothelial cells express integrin-related complexes that mediate adhesion to the extracellular matrix. <b>1989</b> , 139, 275-86	87
2037	Effects of interleukin-1 on fibroblast extracellular matrix, using a 3-dimensional culture system. <b>1989</b> , 139, 501-8	21
2036	Biphasic regulation of macrophage attachment by activators of cyclic adenosine monophosphate-dependent kinase and protein kinase C. <b>1989</b> , 140, 317-22	15
2035	Extracellular matrix: differential influence on growth and biosynthesis patterns of vascular smooth muscle cells from SHR and WKY rats. <b>1989</b> , 141, 267-74	31
2034	GH4 pituitary cell variants selected as nonresponsive to thyrotropin-releasing hormone-enhanced substratum adhesion are nonresponsive to epidermal growth factor: evidence for a common signaling defect. <b>1989</b> , 141, 565-72	9
2033	Insulin-induced phosphorylation of the beta-4 integrin subunit expressed on murine metastatic carcinoma cells. <i>Molecular Carcinogenesis</i> , <b>1989</b> , 2, 361-8	5 19
2032	History and implications of the neutrophil glycoprotein deficiencies. <b>1989</b> , 31, 288-97	1
2031	Extracellular matrix, cell skeletons, and embryonic development. <b>1989</b> , 34, 14-29	106
2030	Extracellular matrix and cell surface as determinants of connective tissue differentiation. <b>1989</b> , 34, 30-4	22

2029	Decreased adhesiveness of Alzheimer's disease fibroblasts: is amyloid beta-protein precursor involved?. <b>1989</b> , 25, 246-51	70
2028	Expression of collagen adhesion proteins and their association with the cytoskeleton in cardiac myocytes. <b>1989</b> , 223, 62-71	69
2027	Distribution of laminin, collagen type IV, collagen type I, and fibronectin in chicken cardiac jelly/basement membrane. <b>1989</b> , 224, 417-25	46
2026	Focal contacts: transmembrane links between the extracellular matrix and the cytoskeleton. <b>1989</b> , 10, 104-8	166
2025	Very late activation antigen on synovial fluid T cells from patients with rheumatoid arthritis and other rheumatic diseases. <b>1989</b> , 32, 386-92	32
2024	CD23: a multi-functional receptor/lymphokine?. <b>1989</b> , 10, 153-7	209
2023	Leishmania and the macrophage: a marriage of inconvenience. <b>1989</b> , 10, 328-33	104
2022	Cell-substrate adhesion affects intracellular motility of pulmonary macrophages. <b>1989</b> , 42, 271-288	6
2021	20-Hydroxyecdysone induced aggregation of Drosophila S3 cells is inhibited by antibodies to a hormone-dependent extracellular glycoprotein. <b>1989</b> , 198, 14-18	4
2020	Platelet membrane glycoproteins and their function: an overview. <b>1989</b> , 59, 30-4	31
2019	The role of vitronectin as multifunctional regulator in the hemostatic and immune systems. <b>1989</b> , 59, 419-31	72
2018	The role of leukocyte adhesion molecules in cellular interactions: implications for the pathogenesis of inflammatory synovitis. <b>1989</b> , 11, 163-85	39
2017	The role of neutrophils in vascular injury: a summary of signal transduction mechanisms in cell/cell interactions. <b>1989</b> , 11, 235-58	19
2016	Auto-tumor lysis by blood lymphocytes in vitro. Strongly activated lymphocytes lack selectivity. <b>1989</b> , 29, 125-32	7
2015	Adhesion molecule mapping in normal human skin. <b>1989</b> , 281, 454-62	92
2014	What are stem cells and how are they controlled?. <b>1989</b> , 158, 275-7	18
2013	Integrin molecules involved in lymphocyte homing to Peyer's patches. <b>1989</b> , 108, 45-61	95
2012	Mechanisms of human lymphocyte migration and their role in the pathogenesis of disease. <b>1989</b> , 108, 111-33	82

2011	The role of the LFA-1/ICAM-1 interaction in human leukocyte homing and adhesion. <b>1989</b> , 108, 135-61	256
2010	Leucocyte adhesion to cells. Molecular basis, physiological relevance, and abnormalities. <b>1989</b> , 30, 129-64	128
2009	Human epidermal basal keratinocytes express CDw29 antigens. <b>1989</b> , 121, 577-85	8
2008	Mammalian cell adhesion functions and cellular penetration of enteropathogenic Yersinia species. <b>1989</b> , 3, 1449-53	63
2007	Functional studies of stable L cell transfectants expressing intercellular adhesion molecule 1 [ICAM-1]. <b>1989</b> , 67 ( Pt 6), 391-401	3
2006	Microenvironment: The Key to Improved Cell Culture Products. <b>1989</b> , 7, 143-145	17
2005	Functional cloning of ICAM-2, a cell adhesion ligand for LFA-1 homologous to ICAM-1. <b>1989</b> , 339, 61-4	724
2004	Fibronectin inhibits the terminal differentiation of human keratinocytes. <b>1989</b> , 340, 307-9	362
2003	T-cell receptor cross-linking transiently stimulates adhesiveness through LFA-1. <b>1989</b> , 341, 619-24	1400
2002	Requirement for integrins during Drosophila wing development. <b>1989</b> , 342, 285-7	134
2001	Adhesion molecules on the plasma membrane of epidermal cells. I. Human resting Langerhans cells express two members of the adherence-promoting CD11/CD18 family, namely, H-Mac-1 (CD11b/CD18) and gp 150,95 (CD11c/CD18). <b>1989</b> , 93, 60-9	63
2000	Fibroblast Matrix and Surface Components that Mediate Cell-to-Cell Interaction With Lymphocytes.. <b>1989</b> , 93, 335-340	6
1999	The effect of in vivo interferon-gamma on the distribution of LFA-1 and ICAM-1 in normal human skin. <b>1989</b> , 93, 439-42	98
1998	Vitronectin shows complement-independent binding to isolated keratin filament aggregates. <b>1989</b> , 93, 656-61	11
1997	A surface glycoprotein complex related to the adhesive receptors of the VLA family, shared by epidermal Langerhans cells and basal keratinocytes. <b>1989</b> , 92, 739-45	15
1996	Epidermal keratinocytes express the adhesion molecule intercellular adhesion molecule-1 in inflammatory dermatoses. <b>1989</b> , 92, 746-50	120
1995	Lymphocyte homing. <b>1989</b> , 140, 399-450	13
1994	Acute megakaryocytic leukemia. <b>1989</b> , 64, 1447-51	3

1993	Vein grafts: Implantation injury. <b>1989</b> , 10, 587-589		10
1992	Leukocyte membrane adhesion proteins LFA-1, CR3 and p150,95: a review of functional and regulatory aspects. <b>1989</b> , 140, 461-86		40
1991	Neutrophil-mediated endothelial injury in haemolytic uraemic syndrome. <b>1989</b> , 2, 411-4		99
1990	Two different laminin domains mediate the differentiation of human endothelial cells into capillary-like structures in vitro. <i>Cell</i> , <b>1989</b> , 58, 933-43	56.2	657
1989	Changes in integrin receptors on oncogenically transformed cells. <i>Cell</i> , <b>1989</b> , 56, 281-90	56.2	486
1988	The function of PS integrins during Drosophila embryogenesis. <i>Cell</i> , <b>1989</b> , 56, 401-8	56.2	228
1987	Leucocyte adhesion to cells in immune and inflammatory responses. <b>1989</b> , 2, 1139-42		82
1986	Cytoskeleton-associated cell contacts. <b>1989</b> , 1, 103-9		99
1985	Microglial cells around amyloid plaques in Alzheimer's disease express leucocyte adhesion molecules of the LFA-1 family. <b>1989</b> , 101, 288-92		157
1984	Primary sequence of a motor neuron-selective adhesive site in the synaptic basal lamina protein S-laminin. <i>Cell</i> , <b>1989</b> , 59, 905-13	56.2	185
1983	A novel vitronectin receptor integrin (alpha v beta x) is responsible for distinct adhesive properties of carcinoma cells. <i>Cell</i> , <b>1989</b> , 57, 59-69	56.2	334
1982	The 5' flanking region and chromosomal localization of the gene encoding human platelet membrane glycoprotein Ib alpha. <b>1989</b> , 85, 517-24		57
1981	Identification of a murine Peyer's patch-specific lymphocyte homing receptor as an integrin molecule with an alpha chain homologous to human VLA-4 alpha. <i>Cell</i> , <b>1989</b> , 56, 37-46	56.2	456
1980	Developmentally regulated alternative splicing of Drosophila integrin PS2 alpha transcripts. <i>Cell</i> , <b>1989</b> , 59, 185-95	56.2	128
1979	Fibulin, a novel protein that interacts with the fibronectin receptor beta subunit cytoplasmic domain. <i>Cell</i> , <b>1989</b> , 58, 623-9	56.2	124
1978	The involvement of the cell matrix receptors, or VLA integrins, in the morphogenetic behavior of normal and malignant cells is gradually being uncovered. <b>1989</b> , 41, 19-32		15
1977	Elastin binds to a multifunctional 67-kilodalton peripheral membrane protein. <b>1989</b> , 28, 3716-22		168
1976	Endothelial leukocyte adhesion molecule 1: an inducible receptor for neutrophils related to complement regulatory proteins and lectins. <b>1989</b> , 243, 1160-5		2051

1975	Mechanisms of Cutaneous Inflammation. <b>1989</b> , 125, 1406	96
1974	Effect of inhibitors of glycoprotein processing on integrin and the adhesion of myoblasts to extracellular matrix proteins. <b>1989</b> , 163, 1338-43	11
1973	Circulating human blood platelets retain appreciable amounts of poly (A)+ RNA. <b>1989</b> , 160, 705-10	53
1972	Fibronectin modulates the activation of human platelets. <b>1989</b> , 165, 966-72	7
1971	A substrate of the cell-attachment sequence of fibronectin (Arg-Gly-Asp-Ser) is sufficient to promote transition of arterial smooth muscle cells from a contractile to a synthetic phenotype. <b>1989</b> , 133, 489-501	89
1970	Epithelial-mesenchymal interactions regulate the stage-specific expression of a cell surface proteoglycan, syndecan, in the developing kidney. <b>1989</b> , 134, 382-91	130
1969	Latex beads as probes of cell surface-extracellular matrix interactions during chondrogenesis: evidence for a role for amino-terminal heparin-binding domain of fibronectin. <b>1989</b> , 136, 87-96	64
1968	The mechanism of precartilaginous mesenchymal condensation: a major role for interaction of the cell surface with the amino-terminal heparin-binding domain of fibronectin. <b>1989</b> , 136, 97-103	134
1967	Molecular mechanisms of avian neural crest cell migration on fibronectin and laminin. <b>1989</b> , 136, 222-38	95
1966	An adhesion-associated agonist from the zona pellucida activates G protein-promoted elevations of internal Ca <sup>2+</sup> and pH that mediate mammalian sperm acrosomal exocytosis. <b>1989</b> , 135, 133-46	211
1965	The effect of tenascin and embryonic basal lamina on the behavior and morphology of neural crest cells in vitro. <b>1989</b> , 132, 14-25	127
1964	A neuroectoderm-associated ganglioside participates in fibronectin receptor-mediated adhesion of germinal cells to fibronectin. <b>1989</b> , 132, 212-29	49
1963	Embryonic heart mesenchymal cell migration in laminin. <b>1989</b> , 133, 37-43	38
1962	EGF-like domains in extracellular matrix proteins: localized signals for growth and differentiation?. <b>1989</b> , 251, 1-7	239
1961	A putative protein of a growth specific cDNA from BALB/c-3T3 cells is highly similar to the extracellular portion of mouse interleukin 1 receptor. <b>1989</b> , 258, 301-4	280
1960	Stimulation of human neuronectin secretion by brain-derived growth factors. <b>1989</b> , 487, 171-7	20
1959	Lateral diffusion of lectin receptors in fibroblast membranes as a function of cell shape. <b>1989</b> , 180, 515-28	20
1958	Coordinate induction of fibronectin, fibronectin receptor, tropomyosin, and actin genes in serum-stimulated fibroblasts. <b>1989</b> , 180, 537-45	70

1957	Fibronectin receptors of mononuclear phagocytes: binding characteristics and biochemical isolation. <b>1989</b> , 181, 420-31	34
1956	Cell attachment properties of collagen type VI and Arg-Gly-Asp dependent binding to its alpha 2(VI) and alpha 3(VI) chains. <b>1989</b> , 181, 463-74	248
1955	A hyaluronate binding protein transiently codistributes with p21k-ras in cultured cell lines. <b>1989</b> , 182, 340-8	25
1954	The GPIIB-IIIa-like complex may function as a human melanoma cell adhesion receptor for thrombospondin. <b>1989</b> , 182, 473-81	39
1953	Immunocytochemical distribution of extracellular matrix receptors in human osteoclasts: a beta 3 integrin is colocalized with vinculin and talin in the podosomes of osteoclastoma giant cells. <b>1989</b> , 182, 645-52	182
1952	The collagen recognition sequence for fibroblasts depends on collagen topography. <b>1989</b> , 182, 668-72	28
1951	Kinetic and morphological evidence for endocytosis of mammalian cell integrin receptors by using an anti-fibronectin receptor beta subunit monoclonal antibody. <b>1989</b> , 184, 407-26	48
1950	Mechanism of fibronectin-mediated cell migration: dependence or independence of cell migration susceptibility on RGDS-directed receptor (integrin). <b>1989</b> , 183, 126-39	54
1949	Signal transduction via the beta 1 integrins is a required intermediate in interleukin-1 beta induction of alkaline phosphatase activity in human osteosarcoma cells. <b>1989</b> , 183, 207-14	70
1948	Production and characterization of monoclonal anti-CD18 anti-idiotypic antibodies. <b>1989</b> , 26, 1155-67	6
1947	Neuronal laminin receptors. <b>1989</b> , 12, 248-51	37
1946	Understanding the molecules of neural cell contacts: emerging patterns of structure and function. <b>1989</b> , 12, 189-95	96
1945	Recognition of distinct adhesive sites on fibrinogen by related integrins on platelets and endothelial cells. <i>Cell</i> , <b>1989</b> , 58, 945-53	56.2 305
1944	Pathobiology of intimal hyperplasia. <b>1989</b> , 10, 585-587	6
1943	Cytoskeletal and Extracellular Proteins. <b>1989</b> ,	
1942	Fasciclin III: a novel homophilic adhesion molecule in <i>Drosophila</i> . <i>Cell</i> , <b>1989</b> , 59, 313-23	56.2 195
1941	Protein oligomerization in the endoplasmic reticulum. <b>1989</b> , 5, 277-307	904
1940	Analysis of fibronectin receptor function with monoclonal antibodies: roles in cell adhesion, migration, matrix assembly, and cytoskeletal organization. <b>1989</b> , 109, 863-75	541

1939	Cartilage stem cells: regulation of differentiation. <b>1989</b> , 20, 81-9	22
1938	Neutrophil-Endothelial Cell Interactions: Mechanisms of Neutrophil Adherence to Vascular Endothelium. <b>1989</b> , 93, S53-S58	61
1937	Tyrosine-specific protein phosphorylation is regulated by glycoprotein IIb-IIIa in platelets. <b>1989</b> , 86, 2234-8	238
1936	Tenascin, an extracellular matrix protein, exerts immunomodulatory activities. <b>1989</b> , 86, 7437-41	141
1935	The human integrin VLA-2 is a collagen receptor on some cells and a collagen/laminin receptor on others. <b>1989</b> , 86, 9906-10	330
1934	Presence of cytoadhesins (IIb-IIIa-like glycoproteins) on human metastatic melanomas but not on benign melanocytes. <b>1989</b> , 92, 495-9	82
1933	Epidermal keratinocytes express the adhesion molecule intercellular adhesion molecule-1 in inflammatory dermatoses. <b>1989</b> , 92, 746-750	79
1932	A surface glycoprotein complex related to the adhesive receptors of the VLA family, shared by epidermal Langerhans cells and basal keratinocytes. <b>1989</b> , 92, 739-745	8
1931	Induction of macrophage colony-stimulating factor-dependent growth and differentiation after introduction of the murine c-fms gene into FDC-P1 cells. <b>1989</b> , 9, 5081-92	81
1930	A detailed structural model of cytotactin: protein homologies, alternative RNA splicing, and binding regions. <b>1989</b> , 86, 1905-9	169
1929	Direct visualization of the interrelationship between intramembrane and extracellular structures. <b>1989</b> , 86, 2723-7	6
1928	cDNA sequence for the alpha M subunit of the human neutrophil adherence receptor indicates homology to integrin alpha subunits. <b>1989</b> , 86, 257-61	31
1927	Human homologue of mouse lymph node homing receptor: evolutionary conservation at tandem cell interaction domains. <b>1989</b> , 86, 5562-6	89
1926	An alternative cytoplasmic domain of the integrin beta 3 subunit. <b>1989</b> , 86, 5415-8	116
1925	Fibroblast matrix and surface components that mediate cell-to-cell interaction with lymphocytes. <b>1989</b> , 93, 335-340	3
1924	Lymphocyte homing. <b>1989</b> , 44, 313-78	231
1923	Differentiation of musculoskeletal tissues. <b>1989</b> , 116, 89-164	7
1922	Cell surface glycoproteins in embryonic development. <b>1989</b> , 116, 257-338	25



1921	The leukocyte integrins. <b>1989</b> , 46, 149-82	427
1920	Cell fractionation studies indicate that dystrophin is a protein of surface membranes of skeletal muscle. <b>1989</b> , 258, 837-41	54
1919	Chemokinetic effects of exogenous and endogenous tumor necrosis factor alpha on human blood monocytes. <b>1989</b> , 90, 11-5	8
1918	Expression of intercellular adhesion molecule-1 in murine allergic contact dermatitis. <b>1990</b> , 93, 294-9	28
1917	Molecules of the extracellular matrix: potential role of collagens and glycoproteins in intestinal adaptation. <b>1990</b> , 46 Suppl 2, 2-11	15
1916	T-cell receptor-negative natural killer cells display antigen-specific cytotoxicity for microvascular endothelial cells. <b>1990</b> , 87, 6949-53	23
1915	Molecular cloning of a human macrophage lectin specific for galactose. <b>1990</b> , 87, 7324-8	123
1914	Polarized integrin mediates human keratinocyte adhesion to basal lamina. <b>1990</b> , 87, 6888-92	198
1913	Platelet glycoprotein IIb-IIIa protein antagonists from snake venoms: evidence for a family of platelet-aggregation inhibitors. <b>1990</b> , 87, 2471-5	249
1912	Fibronectin controls capillary endothelial cell growth by modulating cell shape. <b>1990</b> , 87, 3579-83	427
1911	B-type receptor for platelet-derived growth factor mediates a chemotactic response by means of ligand-induced activation of the receptor protein-tyrosine kinase. <b>1990</b> , 87, 128-32	155
1910	Effect of a reconstituted basement membrane on expression of surfactant apoproteins in cultured adult rat alveolar type II cells. <b>1990</b> , 2, 183-92	84
1909	Cell-type-specific expression of alternatively spliced human fibronectin IIIc5 mRNAs. <b>1990</b> , 10, 662-71	60
1908	Regulation of cell growth by recombinant oncostatin M. <b>1990</b> , 2, 157-65	98
1907	A 48 kDa collagen-binding phosphoprotein isolated from bovine aortic endothelial cells interacts with the collagenous domain, but not the globular domain, of collagen type IV. <b>1990</b> , 265, 383-92	4
1906	Comparative study of the glycosylation of platelet glycoprotein GPIIb/IIIa and the vitronectin receptor. Differential processing of their beta-subunit. <b>1990</b> , 268, 129-33	21
1905	Expression of the CD15 differentiation antigen (3-fucosyl-N-acetyl-lactosamine, LeX) on putative neutrophil adhesion molecules CR3 and NCA-160. <b>1990</b> , 268, 275-80	63
1904	Interleukin-1 beta prevents the stimulatory effect of transforming growth factor-beta on collagen gene expression in human skin fibroblasts. <b>1990</b> , 271, 827-30	29

1903	Connective tissue diseases in the skin--from molecules to symptoms. <b>1990</b> , 17, 67-84	5
1902	Chapter 25. Cell Adhesion Molecules. <b>1990</b> , 25, 235-244	
1901	The "merry-go-round": alphaviruses between vertebrate and invertebrate cells. <b>1990</b> , 38, 343-402	13
1900	Nerve growth factor and the issue of mitosis in the nervous system. <b>1990</b> , 24, 161-92	21
1899	Modes of cell migration in the vertebrate embryo. <b>1990</b> , 123, 201-52	16
1898	Fibronectin: structure, function and significance in wound healing. <b>1990</b> , 31, 47-56	17
1897	Integrins of normal human epidermis: differential expression, synthesis and molecular structure. <b>1990</b> , 123, 171-8	81
1896	Leucocyte adhesion to endothelium. <b>1990</b> , 20, 619-26	18
1895	Sequence, localization and function of the invasins protein of <i>Yersinia enterocolitica</i> . <b>1990</b> , 4, 1119-28	69
1894	The basic science of heart transplantation: important immune cell surface molecules. <b>1990</b> , 5, 26-38	
1893	Membrane proteins involved in phagocyte adherence to endothelium. <b>1990</b> , 114, 5-28	353
1892	Structure of the integrin VLA-4 and its cell-cell and cell-matrix adhesion functions. <b>1990</b> , 114, 45-65	295
1891	Roles of adhesion molecules in T-cell recognition: fundamental similarities between four integrins on resting human T cells (LFA-1, VLA-4, VLA-5, VLA-6) in expression, binding, and costimulation. <b>1990</b> , 114, 109-43	292
1890	Structure and function of leukocyte integrins. <b>1990</b> , 114, 181-217	560
1889	Accessory cell signals involved in T-cell activation. <b>1990</b> , 117, 5-66	155
1888	Junctional epithelium expresses the intercellular adhesion molecule ICAM-1. <b>1990</b> , 25, 254-6	45
1887	Fibronectin-cell interactions. <b>1990</b> , 94, 7S-14S	64
1886	Characterization and functional analysis of interferon-gamma-induced intercellular adhesion molecule-1 expression in human keratinocytes and A-431 cells. <b>1990</b> , 94, 22S-26S	29

1885	Organ-specific and non-organ-specific lymphocyte receptors for vascular endothelium. <b>1990</b> , 94, 41S-48S	12
1884	The role of adhesion molecules in epithelial-T-cell interactions in thymus and skin. <b>1990</b> , 94, 85S-90S	27
1883	Fibronectin matrix deposition and fibronectin receptor expression in healing and normal skin. <b>1990</b> , 94, 128S-134S	233
1882	Tamm-Horsfall protein--uromodulin (1950-1990). <b>1990</b> , 37, 139S-401	210
1881	Low expression of collagen receptors in moderate and poorly differentiated colorectal adenocarcinomas. <b>1990</b> , 61, 636-8	148
1880	Expression of integrins in junctional and dystrophic epidermolysis bullosa. <b>1990</b> , 95, 60-4	13
1879	Cellular fibronectin in rheumatoid synovium and synovial fluid: a possible factor contributing to lymphocytic infiltration. <b>1990</b> , 31, 53S-40	30
1878	Early events of the immune response mediated by leukocyte integrins. <b>1990</b> , 114, 29-44	80
1877	Leukocyte-cell adhesion: a molecular process fundamental in leukocyte physiology. <b>1990</b> , 114, 67-108	182
1876	Leukocyte adhesion molecules deficiency: its structural basis, pathophysiology and implications for modulating the inflammatory response. <b>1990</b> , 114, 14S-80	260
1875	Induction and upregulation of adhesion receptors in oral and dermal lichen planus. <b>1990</b> , 19, 459-63	36
1874	Vitronectin receptor-mediated phagocytosis of cells undergoing apoptosis. <b>1990</b> , 343, 170-3	736
1873	Regulated expression and binding of three VLA (beta 1) integrin receptors on T cells. <b>1990</b> , 345, 250-3	590
1872	Adhesion receptors of the immune system. <b>1990</b> , 346, 42S-34	5901
1871	Sequence and domain structure of talin. <b>1990</b> , 347, 68S-9	279
1870	Canine leukocyte integrins: characterization of a CD18 homologue. <b>1990</b> , 36, 211-20	62
1869	A 165 kDa membrane antigen mediating fibronectin-vinculin interaction is involved in murine odontoblast differentiation. <b>1990</b> , 44, 2S-35	29
1868	Protease resistance of the beta subunit of the hamster fibronectin receptor. Evidence for differential cleavage of membrane-bound and soluble receptor. <b>1990</b> , 189, 83-7	3

1867	Expression of integrins in human bone marrow. <b>1990</b> , 76, 323-32	90
1866	Haptotactic activity of fibronectin on lymphocyte migration in vitro. <b>1990</b> , 129, 67-79	11
1865	Functional characteristics of the intercellular adhesion molecule-1 (CD54) expressed on cytotoxic human blood lymphocytes. <b>1990</b> , 131, 366-80	20
1864	Induction of cytolytic function in resting peripheral blood CD8+/Leu-7+ T cells through IL2/p 75 IL2-receptor interaction: a study in the allogeneic human bone marrow transplantation model. <b>1990</b> , 130, 291-302	9
1863	Immune functions of subpopulations of lung fibroblasts. <b>1990</b> , 9, 275-86	31
1862	Eighth International Conference on Methods in Protein Sequence Analysis. (July 1-6, 1990, Kiruna, Sweden). Short communications. <b>1990</b> , 9, 247-368	1
1861	Frontiers in mammalian cell culture. <b>1990</b> , 26, 9-23	43
1860	Induction of distinct phenotypes in clonal and variant GH4 pituitary cells. <b>1990</b> , 26, 250-8	7
1859	Regulation of mammary epithelial cell function: a role for stromal and basement membrane matrices. <b>1990</b> , 159, 85-95	23
1858	Cell surface receptors for extracellular matrix components. <b>1990</b> , 1031, 91-110	224
1857	Tumor interactions with the vasculature: angiogenesis and tumor metastasis. <b>1990</b> , 1032, 89-118	188
1856	Immunohistochemical and molecular analysis of beta 1 and beta 3 integrins. <b>1990</b> , 32, 189-202	15
1855	Ligand binding to integrins: common and ligand specific recognition mechanisms. <b>1990</b> , 32, 203-13	18
1854	Integrins in human cells and tumors. <b>1990</b> , 32, 215-27	45
1853	Multiple ligand binding functions for VLA-2 (alpha 2 beta 1) and VLA-3 (alpha 3 beta 1) in the integrin family. <b>1990</b> , 32, 229-38	49
1852	The pivotal role of the Leu-CAM and ICAM molecules in human leukocyte adhesion. <b>1990</b> , 32, 239-45	11
1851	Regulation of extracellular matrix degradation by cell-extracellular matrix interactions. <b>1990</b> , 32, 299-306	55
1850	Actin-membrane interaction in focal adhesions. <b>1990</b> , 32, 337-42	102

1849	Structural and functional studies of integrin receptors in cultured human keratinocytes. <b>1990</b> , 32, 355-9	8
1848	Epithelial integrins. <b>1990</b> , 32, 361-5	20
1847	Role of cell-matrix contacts in cell migration and epithelial-mesenchymal transformation. <b>1990</b> , 32, 367-75	52
1846	Genetic analysis of the Drosophila PS integrins. <b>1990</b> , 32, 391-9	21
1845	Spatio-temporal distribution of the adherens junction-associated molecules vinculin and talin in the early avian embryo. <b>1990</b> , 30, 55-76	16
1844	Collagen type IV of Drosophila is stockpiled in the growing oocyte and differentially located during early stages of embryogenesis. <b>1990</b> , 30, 147-57	10
1843	Host cell selection of Murray Valley encephalitis virus variants altered at an RGD sequence in the envelope protein and in mouse virulence. <b>1990</b> , 176, 587-95	106
1842	Is chemotaxis a factor in the migration of precardiac mesoderm in the chick?. <b>1990</b> , 181, 461-8	4
1841	Extracellular matrix and neuronal movement. <b>1990</b> , 46, 900-7	77
1840	Adhesion molecules and animal development. <b>1990</b> , 46, 2-13	47
1839	Tumor cell adhesion to frozen lymph node sections--a correlate of lymphatic metastasis in breast carcinoma models of human and rat origin. <b>1990</b> , 17, 109-20	17
1838	Experimental treatment of chronic lymphocytic leukemia with extracorporeal photochemotherapy. Initial observations. <b>1990</b> , 60, 215-8	4
1837	Expression of the adhesion molecule ICAM-1 and major histocompatibility complex class I antigens on human tumor cells is required for their interaction with autologous lymphocytes in vitro. <b>1990</b> , 31, 19-27	124
1836	Cellular functions of adhesion molecules. <b>1990</b> , 161, 189-90	8
1835	Integrin cell adhesion molecules and colorectal cancer. <b>1990</b> , 162, 95-7	38
1834	Retention of J1/tenascin and the polysialylated form of the neural cell adhesion molecule (N-CAM) in the adult olfactory bulb. <b>1990</b> , 19, 899-914	88
1833	The kinetics of fibronectin synthesis and release in normal and tumor promoter-treated human lung fibroblasts. <b>1990</b> , 96, 57-67	2
1832	Organ-preference of metastasis. The role of endothelial cell adhesion molecules. <b>1990</b> , 9, 175-89	158

1831	Extracellular matrix-resident growth factors and enzymes: possible involvement in tumor metastasis and angiogenesis. <b>1990</b> , 9, 203-26	216
1830	Microvascular endothelial cell heterogeneity: interactions with leukocytes and tumor cells. <b>1990</b> , 8, 353-89	86
1829	GP1Ib and GP1IIa amino acid sequences deduced from human megakaryocyte cDNAs. <b>1990</b> , 14, 27-33	34
1828	The effect of peptides containing the arginine-glycine-aspartic acid sequence on the adsorption of foot-and-mouth disease virus to tissue culture cells. <b>1990</b> , 4, 73-83	93
1827	Detection of pemphigus vulgaris antigen on COLO and SCaBER tumor cell lines by the immunoblot technique. <b>1990</b> , 282, 418-20	8
1826	Proliferative vitreoretinopathy--is it anything more than wound healing at the wrong place?. <b>1990</b> , 14, 105-17	91
1825	Evidence for the involvement of receptors for fibronectin in the promotion of chick tail segmentation. <b>1990</b> , 182, 425-34	6
1824	Lymphocyte homing into the gut. <b>1990</b> , 12, 153-64	6
1823	Mouse macrophage beta subunit (CD11b) cDNA for the CR3 complement receptor/Mac-1 antigen. <b>1990</b> , 31, 191-7	13
1822	Beneficial effect of fibronectin administration on chronic nephritis in rats. <b>1990</b> , 33, 685-92	9
1821	Formation of multinucleated cells with osteoclast precursor features in human cord monocytes cultures. <b>1990</b> , 226, 1-9	24
1820	Two-way signalling through the LFA-1 lymphocyte adhesion receptor. <b>1990</b> , 12, 421-7	19
1819	Integrins and tumor invasion. <b>1990</b> , 12, 583-90	105
1818	Immunohistochemical study of adhesion molecules in liver inflammation. <b>1990</b> , 12, 59-65	193
1817	Induction of cell-associated interleukin 1 through stimulation of the adhesion-promoting proteins LFA-1 (CD11a/CD18) and CR3 (CD11b/CD18) of human monocytes. <b>1990</b> , 20, 999-1005	56
1816	Leukocyte function-associated antigen 1 (LFA-1) is a signaling molecule for cytoskeletal changes in a human T cell line. <b>1990</b> , 20, 2351-4	17
1815	CD27 expression by a distinct subpopulation of human B lymphocytes. <b>1990</b> , 20, 2679-84	109
1814	A novel thymic epithelial adhesion molecule. <b>1990</b> , 20, 2769-73	24

1813	Cytoskeletal dynamics in rabbit synovial fibroblasts: I. Effects of acrylamide on intermediate filaments and microfilaments. <b>1990</b> , 16, 110-20	28
1812	Cytoskeletal dynamics in rabbit synovial fibroblasts: II. Reformation of stress fibers in cells rounded by treatment with collagenase-inducing agents. <b>1990</b> , 16, 121-32	10
1811	Characterization of IMP-E3, a gene active during imaginal disc morphogenesis in <i>Drosophila melanogaster</i> . <b>1990</b> , 11, 299-309	11
1810	Expression of differentiation and adhesion molecules in sporadic Burkitt's lymphoma. <b>1990</b> , 8, 229-38	15
1809	Internalization of the fibronectin receptor is a constitutive process. <b>1990</b> , 142, 574-80	44
1808	Collagen-binding proteins of mammary epithelial cells are related to Ca <sup>2+</sup> (+)- and phospholipid-binding annexins. <b>1990</b> , 144, 511-22	26
1807	Distribution of vinculin in the Z-disk of striated muscle: analysis by laser scanning confocal microscopy. <b>1990</b> , 145, 78-87	67
1806	Stimulation of adrenergic development in neural crest cultures by a reconstituted basement membrane-like matrix is inhibited by agents that elevate cAMP. <b>1990</b> , 25, 172-9	18
1805	Distribution of integrins and their ligands in the trunk of <i>Xenopus laevis</i> during neural crest cell migration. <b>1990</b> , 253, 139-50	41
1804	Modulation of membrane phenotype, matrix adhesion and microinvasiveness of metastatic tumour cells by HUdR. <b>1990</b> , 8, 211-20	5
1803	New families of adhesion molecules play a vital role in platelet functions. <b>1990</b> , 11, 225-7	21
1802	On the mode of action of LFA-1. <b>1990</b> , 11, 277-80	192
1801	The <i>Chlamydomonas reinhardtii</i> Cell Wall: Structure, Biochemistry, and Molecular Biology. <b>1990</b> , 15-84	12
1800	Novel function for beta 1 integrins in keratinocyte cell-cell interactions. <b>1990</b> , 110, 803-15	308
1799	Spatiotemporal segregation of endothelial cell integrin and nonintegrin extracellular matrix-binding proteins during adhesion events. <b>1990</b> , 110, 789-801	87
1798	Amino acid sequence of a novel integrin beta 4 subunit and primary expression of the mRNA in epithelial cells.. <b>1990</b> , 9, 757-763	173
1797	<i>Drosophila</i> chaoptin, a member of the leucine-rich repeat family, is a photoreceptor cell-specific adhesion molecule.. <b>1990</b> , 9, 1969-1977	90
1796	Cell Adhesion Mechanisms and Their Potential Impact on Wound Healing and Tumor Control. <b>1990</b> , 17, 457-462	22

1795	Brain Tumor Epidemiology, Growth, and Invasion. <b>1990</b> , 1, 1-18	54
1794	Platelet Receptors. <b>1990</b> , 4, 27-42	9
1793	Cloning and sequence analysis of beta-4 cDNA: an integrin subunit that contains a unique 118 kd cytoplasmic domain.. <b>1990</b> , 9, 765-770	187
1792	Cloning, primary structure and properties of a novel human integrin beta subunit.. <b>1990</b> , 9, 1561-1568	120
1791	The role of integrins alpha 2 beta 1 and alpha 3 beta 1 in cell-cell and cell-substrate adhesion of human epidermal cells. <b>1990</b> , 110, 1387-404	595
1790	Identification of the integrin binding domain of the Yersinia pseudotuberculosis invasin protein.. <b>1990</b> , 9, 1979-1989	184
1789	The Role of the LFA-1/ICAM-1 Linkage in Immune Function: Implications for the Pathogenesis of Diabetes Mellitus. <b>1990</b> , 9, 164-174	
1788	Area Code Molecules of Lymphocytes. <b>1990</b> , 16-39	
1787	Motility factor produced by malignant glioma cells: role in tumor invasion. <b>1990</b> , 73, 881-8	29
1786	Defining hormone and matrix requirements for differentiated epithelia. <b>1990</b> , 5, 237-76	7
1785	Paxillin: a new vinculin-binding protein present in focal adhesions. <b>1990</b> , 111, 1059-68	585
1784	Human B cells: differentiation and neoplasia. <b>1990</b> , 1, 275-91	6
1783	An interaction between alpha-actinin and the beta 1 integrin subunit in vitro. <b>1990</b> , 111, 721-9	755
1782	The alpha 1/beta 1 and alpha 6/beta 1 integrin heterodimers mediate cell attachment to distinct sites on laminin. <b>1990</b> , 110, 2175-84	357
1781	cDNA cloning reveals the molecular structure of a sperm surface protein, PH-20, involved in sperm-egg adhesion and the wide distribution of its gene among mammals. <b>1990</b> , 111, 2939-49	123
1780	Functional mapping of SPARC: peptides from two distinct Ca <sup>++</sup> -binding sites modulate cell shape. <b>1990</b> , 111, 3065-76	142
1779	Temporal relationships of F-actin bundle formation, collagen and fibronectin matrix assembly, and fibronectin receptor expression to wound contraction. <b>1990</b> , 110, 133-45	288
1778	Localization during development of alternatively spliced forms of cytactin mRNA by in situ hybridization. <b>1990</b> , 111, 685-98	162



1777	Identification of an Arg-Gly-Asp (RGD) cell adhesion site in human immunodeficiency virus type 1 transactivation protein, tat. <b>1990</b> , 111, 1275-81	165
1776	A dual laminin/collagen receptor acts in peripheral nerve regeneration. <b>1990</b> , 87, 1319-22	63
1775	Echistatin is a potent inhibitor of bone resorption in culture. <b>1990</b> , 111, 1713-23	176
1774	The myelin-associated glycoproteins: membrane disposition, evidence of a novel disulfide linkage between immunoglobulin-like domains, and posttranslational palmitoylation. <b>1990</b> , 111, 2651-61	101
1773	Extracellular matrix molecules and cell adhesion molecules induce neurites through different mechanisms. <b>1990</b> , 111, 2725-32	101
1772	Increased expression of laminin/collagen receptor (VLA-1) on epithelium of inflamed human intestine. <b>1990</b> , 43, 313-5	26
1771	Cell-adhesive motif in region II of malarial circumsporozoite protein. <b>1990</b> , 249, 1574-7	97
1770	Inhibition of binding of fibronectin to matrix assembly sites by anti-integrin (alpha 5 beta 1) antibodies. <b>1990</b> , 111, 699-708	205
1769	Expression and function of chicken integrin beta 1 subunit and its cytoplasmic domain mutants in mouse NIH 3T3 cells. <b>1990</b> , 110, 175-84	219
1768	Integrin receptors on aortic smooth muscle cells mediate adhesion to fibronectin, laminin, and collagen. <b>1990</b> , 67, 175-86	87
1767	Control of intracellular pH and growth by fibronectin in capillary endothelial cells. <b>1990</b> , 110, 1803-11	228
1766	Fibronectin receptor overexpression and loss of transformed phenotype in a stable variant of the K562 cell line. <b>1990</b> , 1, 637-48	40
1765	Carcinoembryonic antigen functions as an accessory adhesion molecule mediating colon epithelial cell-collagen interactions. <b>1990</b> , 87, 1541-5	95
1764	The vitronectin receptor alpha v beta 3 binds fibronectin and acts in concert with alpha 5 beta 1 in promoting cellular attachment and spreading on fibronectin. <b>1990</b> , 111, 2795-800	255
1763	VLA-4 mediates CD3-dependent CD4+ T cell activation via the CS1 alternatively spliced domain of fibronectin. <b>1990</b> , 172, 1185-92	197
1762	An alternative leukocyte homotypic adhesion mechanism, LFA-1/ICAM-1-independent, triggered through the human VLA-4 integrin. <b>1990</b> , 110, 2157-65	155
1761	Affinity modulation of the alpha IIb beta 3 integrin (platelet GPIIb-IIIa) is an intrinsic property of the receptor. <b>1990</b> , 1, 883-93	268
1760	Alterations in integrin receptor expression on chemically transformed human cells: specific enhancement of laminin and collagen receptor complexes. <b>1990</b> , 110, 481-9	200

1759	Retroviral expression of alternatively spliced forms of rat fibronectin. <b>1990</b> , 110, 833-47	74
1758	In vivo analyses of integrin beta 1 subunit function in fibronectin matrix assembly. <b>1990</b> , 110, 1813-23	122
1757	Isolation of a novel integrin receptor mediating Arg-Gly-Asp-directed cell adhesion to fibronectin and type I collagen from human neuroblastoma cells. Association of a novel beta 1-related subunit with alpha v. <b>1990</b> , 110, 2185-93	75
1756	Distinct functions for integrins alpha 3 beta 1 in focal adhesions and alpha 6 beta 4/bullous pemphigoid antigen in a new stable anchoring contact (SAC) of keratinocytes: relation to hemidesmosomes. <b>1990</b> , 111, 3141-54	419
1755	Human neutrophil adherence to laminin in vitro. Evidence for a distinct neutrophil integrin receptor for laminin. <b>1990</b> , 171, 1221-37	107
1754	Tumor necrosis factor-induced degranulation in adherent human neutrophils is dependent on CD11b/CD18-integrin-triggered oscillations of cytosolic free Ca <sup>2+</sup> . <b>1990</b> , 87, 9472-6	148
1753	Alpha 6 beta 4 integrin heterodimer is a component of hemidesmosomes. <b>1990</b> , 87, 8970-4	443
1752	Identification of a novel glycoprotein (AGp110) involved in interactions of rat liver parenchymal cells with fibronectin. <b>1990</b> , 111, 2117-27	32
1751	Down-regulation of LFA-1 adhesion receptors by C-myc oncogene in human B lymphoblastoid cells. <b>1990</b> , 250, 682-6	130
1750	The expression pattern of an insulin-like growth factor (IGF)-binding protein gene is distinct from IGF-II in the midgestational rat embryo. <b>1990</b> , 4, 1257-63	84
1749	The alpha 1-alpha 6 subunits of integrins are characteristically expressed in distinct segments of developing and adult human nephron. <b>1990</b> , 111, 1245-54	226
1748	Cloning of an integrin beta subunit exhibiting high homology with integrin beta 3 subunit. <b>1990</b> , 87, 5354-8	51
1747	Recognition of the laminin E8 cell-binding site by an integrin possessing the alpha 6 subunit is essential for epithelial polarization in developing kidney tubules. <b>1990</b> , 111, 1265-73	227
1746	Role of platelet membrane glycoprotein IIb-IIIa in agonist-induced tyrosine phosphorylation of platelet proteins. <b>1990</b> , 111, 3117-27	224
1745	Human smooth muscle VLA-1 integrin: purification, substrate specificity, localization in aorta, and expression during development. <b>1990</b> , 111, 2159-70	133
1744	RGD-independent cell adhesion to the carboxy-terminal heparin-binding fragment of fibronectin involves heparin-dependent and -independent activities. <b>1990</b> , 110, 777-87	122
1743	Mapping of the functional determinants of the integrin beta 1 cytoplasmic domain by site-directed mutagenesis. <b>1990</b> , 1, 597-604	132
1742	Cell surface glycoprotein of reactive stromal fibroblasts as a potential antibody target in human epithelial cancers. <b>1990</b> , 87, 7235-9	473

1741	The pathogenesis of Burkitt's lymphoma. <b>1990</b> , 55, 133-270	326
1740	Evidence that an Arg-Gly-Asp adhesion sequence plays a role in mammalian fertilization. <b>1990</b> , 43, 1019-25	146
1739	1989 Corcoran lecture: adaptive and maladaptive responses of the arterial wall to hypertension. <b>1990</b> , 15, 666-74	113
1738	Epithelial integrin alpha 6 beta 4: complete primary structure of alpha 6 and variant forms of beta 4. <b>1990</b> , 111, 1593-604	301
1737	Immunophenotypic differences between osteoclasts and macrophage polykaryons: immunohistological distinction and implications for osteoclast ontogeny and function. <b>1990</b> , 43, 997-1003	149
1736	Second generation monoclonal antibodies to the human integrin alpha 6 beta 4. <b>1990</b> , 9, 243-55	51
1735	gamma-Glutamyltranspeptidase-positive rat hepatocytes are protected from GSH depletion, oxidative stress and reversible alterations of collagen receptors. <b>1990</b> , 11, 69-73	20
1734	The activation dependent adhesion of macrophages to laminin involves cytoskeletal anchoring and phosphorylation of the alpha 6 beta 1 integrin. <b>1990</b> , 110, 2167-74	250
1733	Role of fibronectin in diseases of newborn infants and children. <b>1990</b> , 12 Suppl 4, S428-38	18
1732	Leukocyte Integrins. <b>1990</b> , 7-43	6
1731	Recognition of the A chain carboxy-terminal heparin binding region of fibronectin involves multiple sites: two contiguous sequences act independently to promote neural cell adhesion. <b>1990</b> , 111, 2733-45	58
1730	Inhibitory effect of bestatin on the growth of human leukemic cells. <b>1990</b> , 29, 799-802	13
1729	Effect of fibronectin on IgA-mediated uptake of type III group B streptococci by phagocytes. <b>1990</b> , 161, 236-41	15
1728	ICAM-1 (CD54): a counter-receptor for Mac-1 (CD11b/CD18). <b>1990</b> , 111, 3129-39	796
1727	An alpha 1/beta 1-like integrin receptor on rat aortic smooth muscle cells mediates adhesion to laminin and collagen types I and IV. <b>1990</b> , 10, 402-9	48
1726	Expression of integrins in human gingiva. <b>1990</b> , 69, 1817-23	42
1725	Integrin recognition of different cell-binding fragments of laminin (P1, E3, E8) and evidence that alpha 6 beta 1 but not alpha 6 beta 4 functions as a major receptor for fragment E8. <b>1990</b> , 110, 2145-55	383
1724	Human colon carcinoma cells use multiple receptors to adhere to laminin: involvement of alpha 6 beta 4 and alpha 2 beta 1 integrins. <b>1990</b> , 1, 249-57	118

1723	Cell surface lectins of human granulocytes: their expression is modulated by mononuclear cells and granulocyte/macrophage colony-stimulating factor. <b>1990</b> , 1, 33-8		11
1722	Structural homology between HIV-1 tat protein and various human proteins. <b>1990</b> , 6, 1059-60		6
1721	A beta 3 integrin mutation abolishes ligand binding and alters divalent cation-dependent conformation. <b>1990</b> , 249, 915-8		385
1720	Organization of the gene for platelet glycoprotein IIb. <b>1990</b> , 29, 1232-44		175
1719	Alpha 1 beta 1 integrin heterodimer functions as a dual laminin/collagen receptor in neural cells. <b>1990</b> , 29, 6540-4		98
1718	Neutrophil function and oral disease. <b>1990</b> , 1, 117-33		90
1717	Chick integrin alpha V subunit molecular analysis reveals high conservation of structural domains and association with multiple beta subunits in embryo fibroblasts. <b>1990</b> , 29, 10191-8		52
1716	Importance of ICAM-1 for accessory cell function of monocytic cells. <b>1990</b> , 180, 458-66		17
1715	Distribution and biochemical characterization of the INO antigen during chick neural crest cell migration. <b>1990</b> , 13, S126-40		4
1714	Multiple beta 1 chain integrins are receptors for invasins, a protein that promotes bacterial penetration into mammalian cells. <i>Cell</i> , <b>1990</b> , 60, 861-71	56.2	730
1713	Characterization and expression of the antigen present on resident rat macrophages recognized by monoclonal antibody ED2. <b>1990</b> , 182, 88-99		88
1712	VCAM-1 on activated endothelium interacts with the leukocyte integrin VLA-4 at a site distinct from the VLA-4/fibronectin binding site. <i>Cell</i> , <b>1990</b> , 60, 577-84	56.2	1611
1711	Binding of brain-derived neurotrophic factor to the nerve growth factor receptor. <b>1990</b> , 4, 487-92		625
1710	A human integrin beta 1 subunit with a unique cytoplasmic domain generated by alternative mRNA processing. <b>1990</b> , 95, 261-6		98
1709	Elevated levels of the alpha 5 beta 1 fibronectin receptor suppress the transformed phenotype of Chinese hamster ovary cells. <i>Cell</i> , <b>1990</b> , 60, 849-59	56.2	737
1708	R�cepteur des lymphocytes T : r�le dans la physiopathologie des maladies auto-immunes, perspectives th�rapeutiques. <b>1990</b> , 5, 21-25		
1707	Molecular cloning of SC1: a putative brain extracellular matrix glycoprotein showing partial similarity to osteonectin/BM40/SPARC. <b>1990</b> , 4, 165-76		122
1706	PECAM-1 (CD31) cloning and relation to adhesion molecules of the immunoglobulin gene superfamily. <b>1990</b> , 247, 1219-22		822

1705	New sites of cellular vitronectin receptor immunoreactivity detected with osteoclast-reacting monoclonal antibodies 13C2 and 23C6. <b>1990</b> , 8, 7-22	50
1704	Inductive interactions in heart development. Role of cardiac adherons in cushion tissue formation. <b>1990</b> , 588, 13-25	34
1703	Potential role of the extracellular matrix in postseptation development of the heart. <b>1990</b> , 588, 87-92	22
1702	The instructive role of fibronectins in cell migrations during embryonic development. <b>1990</b> , 588, 273-80	14
1701	Transforming growth factor-beta. Major role in regulation of extracellular matrix. <b>1990</b> , 580, 225-32	206
1700	Laminin in neuronal development. <b>1990</b> , 580, 302-10	43
1699	Structure and function of the laminin-nidogen complex. <b>1990</b> , 580, 311-23	20
1698	Covalently attached GRGD on polymer surfaces promotes biospecific adhesion of mammalian cells. <b>1990</b> , 589, 261-70	144
1697	Structure and function of the myelin-associated glycoproteins. <b>1990</b> , 605, 302-12	36
1696	Cell-cell conjugation. Transient analysis and experimental implications. <b>1990</b> , 58, 641-52	5
1695	Immunostaining of human brain capillaries by antibodies to very late antigens. <b>1990</b> , 26, 213-8	39
1694	VLA proteins in the integrin family: structures, functions, and their role on leukocytes. <b>1990</b> , 8, 365-400	1341
1693	The sensation and regulation of interactions with the extracellular environment: the cell biology of lymphocyte adhesion receptors. <b>1990</b> , 6, 359-402	139
1692	Transforming growth factor-beta: multifunctional regulator of differentiation and development. <b>1990</b> , 327, 145-54	146
1691	Syndecan, a developmentally regulated cell surface proteoglycan that binds extracellular matrix and growth factors. <b>1990</b> , 327, 171-86	163
1690	Platelet membrane glycoproteins: functions in cellular interactions. <b>1990</b> , 6, 329-57	252
1689	Lymphoid cells recognize an alternatively spliced segment of fibronectin via the integrin receptor alpha 4 beta 1. <i>Cell</i> , <b>1990</b> , 60, 53-61	56.2 568
1688	Comparison and functional characterization of C-CAM, glycoprotein IIb/IIIa and integrin beta 1 in rat platelets. <b>1990</b> , 58, 61-73	8

1687	Inhibition of fibrin(ogen) binding to stimulated platelets by a monoclonal antibody specific for a conformational determinant of GPIIIa. <b>1990</b> , 58, 577-92		19
1686	Mode of action of PGI <sub>2</sub> and of its stable derivative iloprost on platelets and leukocytes. <b>1990</b> , 11, 33-42		7
1685	Conserved sequences flank variable tandem repeats in two alleles of the G surface protein of <i>Paramecium primaurelia</i> . <b>1990</b> , 211, 521-35		37
1684	The molecular biology of platelet membrane glycoproteins. <b>1990</b> , 4, 91-7		2
1683	Theoretic and practical aspects of platelet crossmatching. <b>1990</b> , 4, 265-78		32
1682	Changes in keratinocyte adhesion during terminal differentiation: reduction in fibronectin binding precedes alpha 5 beta 1 integrin loss from the cell surface. <i>Cell</i> , <b>1990</b> , 63, 425-35	56.2	406
1681	The axonal glycoprotein TAG-1 is an immunoglobulin superfamily member with neurite outgrowth-promoting activity. <i>Cell</i> , <b>1990</b> , 61, 157-70	56.2	513
1680	Leukocyte adhesion to endothelium in inflammation. <i>Cell</i> , <b>1990</b> , 62, 3-6	56.2	796
1679	A role for integrin in the formation of sarcomeric cytoarchitecture. <i>Cell</i> , <b>1990</b> , 63, 525-36	56.2	182
1678	From gradients to axes, from morphogenesis to differentiation. <i>Cell</i> , <b>1990</b> , 63, 875-82	56.2	40
1677	Recognition of a bacterial adhesion by an integrin: macrophage CR3 (alpha M beta 2, CD11b/CD18) binds filamentous hemagglutinin of <i>Bordetella pertussis</i> . <i>Cell</i> , <b>1990</b> , 61, 1375-82	56.2	367
1676	The arrangement of the immunoglobulin-like domains of ICAM-1 and the binding sites for LFA-1 and rhinovirus. <i>Cell</i> , <b>1990</b> , 61, 243-54	56.2	646
1675	Batroxostatin, an Arg-Gly-Asp-containing peptide from <i>Bothrops atrox</i> , is a potent inhibitor of platelet aggregation and cell interaction with fibronectin. <b>1990</b> , 1054, 257-62		54
1674	A novel population of cells in the peripheral blood of a cow with a neurofibrosarcoma. <b>1990</b> , 26, 49-58		
1673	Brain microglia constitutively express beta-2 integrins. <b>1990</b> , 30, 81-93		375
1672	Peptide Growth Factors and Their Receptors I. <b>1990</b> ,		20
1671	Platelets and thrombolytic therapy. <b>1990</b> , 322, 33-42		440
1670	A neuronal cell line (PC12) expresses two beta 1-class integrins-alpha 1 beta 1 and alpha 3 beta 1-that recognize different neurite outgrowth-promoting domains in laminin. <b>1990</b> , 5, 651-62		158

1669	Desmosomes and hemidesmosomes: constitutive molecular components. <b>1990</b> , 6, 461-91	258
1668	Localization of urokinase-type plasminogen activator receptor on U937 cells: phorbol ester PMA induces heterogeneity. <b>1990</b> , 187, 255-62	20
1667	Identification of specific human epithelial cell integrin receptors as VLA proteins. <b>1990</b> , 187, 277-83	41
1666	A Mr 80K hepatocyte surface protein(s) interacts with basement membrane components. <b>1990</b> , 187, 320-3	15
1665	Alteration of cellular adhesion by heat shock. <b>1990</b> , 190, 40-6	10
1664	Different beta 1-integrin collagen receptors on rat hepatocytes and cardiac fibroblasts. <b>1990</b> , 190, 254-64	66
1663	Dermal fibroblasts from Down's syndrome patients share a cycloheximide-induced deficiency in collagen adhesion responses with normal aging cells. <b>1990</b> , 189, 189-201	12
1662	Mg <sup>2+</sup> mediates the cell-substratum interaction of Arg-Gly-Asp-dependent HeLa cell collagen receptors. <b>1990</b> , 189, 69-80	10
1661	Nerve growth factor induces increased expression of a laminin-binding integrin in rat pheochromocytoma PC12 cells. <b>1990</b> , 189, 100-8	82
1660	Heymann antigen GP330 demonstrates affinity for fibronectin, laminin, and type I collagen and mediates rat proximal tubule epithelial cell adherence to such matrices in vitro. <b>1990</b> , 188, 23-35	20
1659	Antibody to integrin alpha 6 subunit specifically inhibits cell-binding to laminin fragment 8. <b>1990</b> , 188, 55-60	146
1658	Beta 1 integrin-mediated collagen gel contraction is stimulated by PDGF. <b>1990</b> , 186, 264-72	235
1657	Cell adhesion molecules (CAMs) in adrenal medulla in situ and in vitro: enhancement of chromaffin cell L1/Ng-CAM expression by NGF. <b>1990</b> , 110, 52-72	24
1656	Antibodies to 100- and 60-kDa surface proteins inhibit substratum attachment and differentiation of rodent skeletal myoblasts. <b>1990</b> , 140, 196-208	6
1655	Laminin promotes formation of cord-like structures by Sertoli cells in vitro. <b>1990</b> , 140, 318-27	81
1654	The Drosophila IMP-E2 gene encodes an apically secreted protein expressed during imaginal disc morphogenesis. <b>1990</b> , 140, 337-51	16
1653	Mesodermal cell migration during Xenopus gastrulation. <b>1990</b> , 142, 155-68	134
1652	Exogenous tenascin inhibits mesodermal cell migration during amphibian gastrulation. <b>1990</b> , 137, 305-17	64

1651	Comparison between ectoderm-conditioned medium and fibronectin in their effects on chondrogenesis by limb bud mesenchymal cells. <b>1990</b> , 139, 383-95	20
1650	Pathophysiological significance of integrin expression by vascular endothelial cells. <b>1990</b> , 39, 233-9	15
1649	Platelet membrane glycoproteins IIb and IIIa are substrates of purified pp60c-src protein tyrosine kinase. <b>1990</b> , 262, 1-4	20
1648	Identification of the Arg-Gly-Asp sequence in laminin A chain as a latent cell-binding site being exposed in fragment P1. <b>1990</b> , 262, 82-6	117
1647	Characterization of the beta-chain N-terminus heterogeneity and the alpha-chain C-terminus of human platelet GPIIb. Posttranslational cleavage sites. <b>1990</b> , 272, 37-40	15
1646	Tyrosine-specific phosphorylation of gpIIIa in platelet membranes. <b>1990</b> , 269, 283-7	13
1645	Streptavidin contains an RYD sequence which mimics the RGD receptor domain of fibronectin. <b>1990</b> , 170, 1236-41	80
1644	cDNA cloning of a novel cell adhesion protein expressed in human squamous carcinoma cells. <b>1990</b> , 166, 984-92	11
1643	Specific binding of plasminogen to vitronectin. Evidence for a modulatory role of vitronectin on fibrin(ogen)-induced plasmin formation by tissue plasminogen activator. <b>1990</b> , 168, 966-71	42
1642	Retroviral-mediated gene transfer of the leukocyte integrin CD18 subunit. <b>1990</b> , 171, 787-95	18
1641	Divalent cation-dependent structure in the platelet membrane glycoprotein Ia-IIa (VLA-2) complex. <b>1990</b> , 168, 107-14	10
1640	Desmoglein shows extensive homology to the cadherin family of cell adhesion molecules. <b>1990</b> , 173, 1224-30	110
1639	Cell biology of von Willebrand factor. <b>1990</b> , 6, 217-46	497
1638	Platelet-reactive sites in human collagens I and III: evidence for cell-recognition sites in collagen unrelated to RGD and like sequences. <b>1990</b> , 59, 553-66	22
1637	Leucocyte adhesion molecules. <b>1990</b> , 26, 237-9	
1636	The transforming growth factor-beta family. <b>1990</b> , 6, 597-641	2825
1635	Expression of the VLA family of integrins in human intestine. <b>1990</b> , 160, 35-40	76
1634	Regulation of differentiated properties and proliferation of arterial smooth muscle cells. <b>1990</b> , 10, 966-90	494



1633	Lipopolysaccharide enhances monocyte adherence to matrix-bound fibronectin. <b>1990</b> , 57, 363-73	8
1632	Leucocytes and pulmonary disorders: mobilization, activation and role in pathology. <b>1990</b> , 11, 425-526	5
1631	Contribution of CR3, CD11b/CD18 to cytolysis by human NK cells. <b>1990</b> , 27, 1343-7	40
1630	Proteolytic activity of the different fragments of factor B on the third component of complement (C3). Involvement of the N-terminal domain of Bb in magnesium binding. <b>1990</b> , 27, 891-900	22
1629	Biochemical pharmacology of isolated neuronal growth cones: implications for synaptogenesis. <b>1990</b> , 15, 145-65	22
1628	Riding the glial monorail: a common mechanism for glial-guided neuronal migration in different regions of the developing mammalian brain. <b>1990</b> , 13, 179-84	391
1627	Regulation of cAMP-inducible genes by CREB. <b>1990</b> , 13, 184-8	370
1626	Angiogenesis in arteries: review. <b>1991</b> , 49, 1-19	37
1625	The changing scene of neurotrophic factors. <b>1991</b> , 14, 165-70	741
1624	Invasion and metastasis: biology and clinical potential. <b>1991</b> , 52, 235-44	24
1623	Arginyl-glycyl-aspartic acid (RGD): a cell adhesion motif. <b>1991</b> , 16, 246-50	477
1622	Laminin receptors. <b>1991</b> , 7, 71-91	101
1621	A 220-kD undercoat-constitutive protein: its specific localization at cadherin-based cell-cell adhesion sites. <b>1991</b> , 115, 1449-62	214
1620	Chronic omphalitis in a 4-month-old girl. <b>1991</b> , 187, 334-7; discussion 337-40	
1619	Designed coiled-coil proteins: synthesis and spectroscopy of two 78-residue alpha-helical dimers. <b>1991</b> , 30, 3161-9	84
1618	Biology of basal cell carcinoma (Part I). <b>1991</b> , 24, 1-13	326
1617	The concept of osseointegration and bone matrix expression. <b>1991</b> , 2, 83-101	71
1616	Identification of genes that exhibit increased expression after flat reversion of NIH/3T3 cells transformed by human activated Ha-ras oncogene. <b>1991</b> , 59, 37-43	7

1615	Intercellular adhesion molecule-1 (ICAM-1, CD 54) is associated with actin-filaments. <b>1991</b> , 182, 143-51	20
1614	Cell adhesion molecules and the regulation of development. <b>1991</b> , 164, 939-48	13
1613	Integrins and tissue organization. <b>1991</b> , 1, 214-234	5
1612	Transmembrane molecular assemblies in cell-extracellular matrix interactions. <b>1991</b> , 3, 849-53	207
1611	Expression and endocytosis of integrin VLA receptors for collagen, fibronectin and laminin by normal human keratinocytes. <b>1991</b> , 2, 287-99	11
1610	The formation of axonal pathways in developing cranial nerves. <b>1991</b> , 11, 229-60	20
1609	Mechanism of action of the antiplatelet peptide, arietin, from Bitis arietans venom. <b>1991</b> , 1074, 144-50	26
1608	Nucleotide sequence of the human autoantibody 2E7 specific for the platelet integrin IIb heavy chain. <b>1991</b> , 4, 433-46	24
1607	Human monoclonal autoantibody 2E7 is specific for a peptide sequence of platelet glycoprotein IIb. Localization of the epitope to IIb231-238 with an immunodominant Trp235. <b>1991</b> , 4, 415-31	18
1606	Comparative analysis of DNA restriction patterns of Homo, Pan troglodytes eMacaca fascicularis after hybridization with human genomic probes: $\alpha$ -Integrin, pAW101 anderb-B2. <b>1991</b> , 6, 45-52	
1605	Structural study of the sugar chains of human leukocyte cell adhesion molecules CD11/CD18. <b>1991</b> , 30, 1561-71	71
1604	Molecular and cellular properties of PECAM-1 (endoCAM/CD31): a novel vascular cell-cell adhesion molecule. <b>1991</b> , 114, 1059-68	600
1603	In vitro interaction of a polypeptide homologous to human Ro/SS-A antigen (calreticulin) with a highly conserved amino acid sequence in the cytoplasmic domain of integrin alpha subunits. <b>1991</b> , 30, 9859-66	200
1602	Cell adhesion promoting peptide GVKGDKGNGWPGAP from the collagen type IV triple helix: cis/trans proline-induced multiple <sup>1</sup> H NMR conformations and evidence for a KG/PG multiple turn repeat motif in the all-trans proline state. <b>1991</b> , 30, 8251-67	51
1601	An RGD spacing of 440 nm is sufficient for integrin alpha V beta 3-mediated fibroblast spreading and 140 nm for focal contact and stress fiber formation. <b>1991</b> , 114, 1089-100	781
1600	Characterization of a putative clone for the 67-kilodalton elastin/laminin receptor suggests that it encodes a cytoplasmic protein rather than a cell surface receptor. <b>1991</b> , 30, 3346-50	46
1599	Proton NMR assignments and secondary structure of the snake venom protein echistatin. <b>1991</b> , 30, 11625-36	52
1598	Do cytokines play a role in leukocyte recruitment and activation in the lungs?. <b>1991</b> , 143, 1169-74; discussion 1175-6	57

1597	Modulation of collagen synthesis by growth factors: the role of ascorbate-stimulated lipid peroxidation. <b>1991</b> , 289, 6-11	39
1596	Fibronectin-integrin binding promotes hyperpolarization of murine erythroleukemia cells. <b>1991</b> , 177, 1266-72	14
1595	Evidence for autophosphorylation of hyaluronate binding protein and its enhanced phosphorylation in rat histiocytoma. <b>1991</b> , 177, 1291-8	4
1594	Analysis of integrin mRNA in human and rodent tumor cells. <b>1991</b> , 176, 108-13	26
1593	Inhibition of human immunodeficiency virus type-1-induced syncytium formation and cytopathicity by complestatin. <b>1991</b> , 179, 243-50	20
1592	Evidence against a laminin receptor role for calsequestrin. <b>1991</b> , 174, 1208-16	3
1591	Confirmation of the assignment of the vitronectin (VNRA) and fibronectin (FNRA) receptor alpha-subunits. <b>1991</b> , 55, 217-23	1
1590	Cell adhesive activity of two animal lectins through different recognition mechanisms. <b>1991</b> , 289, 145-7	10
1589	Cysteine residue periodicity is a conserved structural feature of variable surface proteins from <i>Paramecium tetraurelia</i> . <b>1991</b> , 222, 835-41	31
1588	Identification and partial characterization of laminin binding proteins in immature rat Sertoli cells. <b>1991</b> , 193, 262-73	27
1587	Semi-intact CHO and endothelial cells: a tool to probe the control of integrin activity?. <b>1991</b> , 192, 173-81	10
1586	A Mr 72K cell surface concanavalin A binding glycoprotein is specifically involved in the spreading of chick embryo fibroblasts onto laminin substrate. <b>1991</b> , 192, 236-42	6
1585	Expression of stress fibers in bullfrog mesothelial cells in response to tension. <b>1991</b> , 196, 353-61	13
1584	An abundant chick gizzard integrin is the avian alpha 1 beta 1 integrin heterodimer and functions as a divalent cation-dependent collagen IV receptor. <b>1991</b> , 194, 165-73	31
1583	Altered processing of integrin receptors during keratinocyte activation. <b>1991</b> , 195, 315-22	55
1582	Arg-Gly-Asp (RGD) peptides and the anti-vitronectin receptor antibody 23C6 inhibit dentine resorption and cell spreading by osteoclasts. <b>1991</b> , 195, 368-75	221
1581	Calcium signaling capacity of the CD11b/CD18 integrin on human neutrophils. <b>1991</b> , 195, 504-8	119
1580	Isolation of alpha 6 beta 1 integrins from platelets and adherent cells by affinity chromatography on mouse laminin fragment E8 and human laminin pepsin fragment. <b>1991</b> , 197, 234-44	75

1579	Cytoskeletal reorganizations in human umbilical vein endothelial cells as a result of cytokine exposure. <b>1991</b> , 196, 40-8		45
1578	Role of integrin receptors in manganese-dependent BHK cell spreading on albumin-coated substrata. <b>1991</b> , 195, 218-23		8
1577	Sequence analysis, expression and chromosomal localization of a gene, isolated from a subtracted human retina cDNA library, that encodes an insulin-like growth factor binding protein (IGFBP2). <b>1991</b> , 52, 549-61		28
1576	Epithelial cell-substrate adhesion in the cornea: localization of actin, talin, integrin, and fibronectin [corrected]. <b>1991</b> , 52, 261-7		12
1575	Sandwich enzyme immunoassay for serum integrins using monoclonal antibodies. <b>1991</b> , 202, 179-90		9
1574	Expression of syndecan gene is induced early, is transient, and correlates with changes in mesenchymal cell proliferation during tooth organogenesis. <b>1991</b> , 147, 322-33		101
1573	Synaptic differentiation can be evoked by polymer microbeads that mimic localized pericellular proteolysis by removing proteins from adjacent surfaces. <b>1991</b> , 147, 464-79		17
1572	Characterization of a newt tenascin cDNA and localization of tenascin mRNA during newt limb regeneration by in situ hybridization. <b>1991</b> , 148, 219-32		79
1571	The bovine p150/95 molecule (CD11c/CD18) functions in primary cell-cell interaction. <b>1991</b> , 29, 213-27		6
1570	Immunohistochemical localization of vitronectin, its receptor and beta-3 integrin in Alzheimer brain tissue. <b>1991</b> , 32, 19-28		108
1569	Hypothesis: antigen-specific T cells prime central nervous system endothelium for recruitment of nonspecific inflammatory cells to effect autoimmune demyelination. <b>1991</b> , 33, 237-44		39
1568	Epiligrin, a new cell adhesion ligand for integrin alpha 3 beta 1 in epithelial basement membranes. <i>Cell</i> , <b>1991</b> , 65, 599-610	56.2	717
1567	Integrin alpha 2 beta 1 (VLA-2) mediates reorganization and contraction of collagen matrices by human cells. <i>Cell</i> , <b>1991</b> , 67, 403-10	56.2	347
1566	Ligands "activate" integrin alpha IIb beta 3 (platelet GPIIb-IIIa). <i>Cell</i> , <b>1991</b> , 65, 409-16	56.2	477
1565	Cancer metastasis and angiogenesis: an imbalance of positive and negative regulation. <i>Cell</i> , <b>1991</b> , 64, 327-36	56.2	2428
1564	Mechanogenetic regulation of transcription. <b>1991</b> , 73, 1219-31		27
1563	The role of adhesive interactions and extracellular matrix fibronectin from human polymorphonuclear leukocytes in the respiratory burst. <b>1991</b> , 1091, 257-60		11
1562	Strategies of obligate intracellular parasites for evading host defences. <b>1991</b> , 7, 22-27		11

1561	Glial-neuronal interaction during development. <b>1991</b> , 633, 169-73	2
1560	Cell lineage and cell migration in the neural crest. <b>1991</b> , 615, 158-71	35
1559	Assembly of fibronectin into extracellular matrix. <b>1991</b> , 614, 167-80	52
1558	Platelet adhesion to extracellular matrices of cultured cells. <b>1991</b> , 614, 181-92	12
1557	Integrin structure and function in hemostasis and thrombosis. <b>1991</b> , 614, 214-28	15
1556	Adhesive interactions of platelets and their blockade. <b>1991</b> , 614, 270-8	21
1555	Functional domains of basic fibroblast growth factor. Possible role of Asp-Gly-Arg sequences in the mitogenic activity of bFGF. <b>1991</b> , 638, 361-8	6
1554	Structure and biological role of vitronectin. <b>1991</b> , 7, 275-310	396
1553	Three-dimensional structure of echistatin, the smallest active RGD protein. <b>1991</b> , 30, 7369-72	204
1552	Mathematical model for the effects of adhesion and mechanics on cell migration speed. <b>1991</b> , 60, 15-37	471
1551	L'altération bronchique dans l'asthme : de l'inflammation à la cicatrisation. <b>1991</b> , 31, 27-33	
1550	Cell surface markers of T-cell activation. <b>1991</b> , 5, 9-30	6
1549	Actin cytoskeletal network in aging and cancer. <b>1991</b> , 256, 139-48	67
1548	Detection of transmembrane linkages between immunoglobulin or complement receptors and the neutrophil's cortical microfilaments by resonance energy transfer microscopy. <b>1991</b> , 218, 263-8	18
1547	Tenascin in normal, reactive, hyperplastic, and neoplastic tissues: biologic and pathologic implications. <b>1991</b> , 22, 636-43	201
1546	Characterization of an antibody raised against reduced glycoprotein IIIa of human platelets. <b>1991</b> , 62, 43-54	
1545	Specificity of the murine IgD receptor on T cells is for N-linked glycans on IgD molecules. <b>1991</b> , 88, 9238-42	24
1544	A modified Arg-Asp-Val (RDV) peptide derived during the synthesis of Arg-Glu-Asp-Val (REDV), a tetrapeptide derived from an alternatively spliced site in fibronectin, inhibits the binding of fibrinogen, fibronectin, von Willebrand factor and vitronectin to activated platelets. <b>1991</b> , 1075, 237-47	4

1543	Towards understanding skeletal muscle regeneration. <b>1991</b> , 187, 1-22	261
1542	Differential distribution and modulation of expression of alpha 1/beta 1 integrin on human endothelial cells. <b>1991</b> , 114, 855-63	155
1541	Structure of the chicken neuron-glia cell adhesion molecule, Ng-CAM: origin of the polypeptides and relation to the Ig superfamily. <b>1991</b> , 112, 1017-29	154
1540	The Alzheimer amyloid precursor is associated with the detergent-insoluble cytoskeleton. <b>1991</b> , 11, 3888-97	75
1539	Common and Ligand-Specific Integrin Recognition Mechanisms1. <b>1991</b> , 50, 75-88	
1538	The molecular basis of platelet disorders. <b>1991</b> , 58, 100-3	
1537	Apoptosis: mechanisms and roles in pathology. <b>1991</b> , 32, 223-54	1014
1536	Molecular and genetic analysis of a region of plasmid pCF10 containing positive control genes and structural genes encoding surface proteins involved in pheromone-inducible conjugation in <i>Enterococcus faecalis</i> . <b>1991</b> , 173, 7650-64	89
1535	Role of the pheromone-inducible surface protein Asc10 in mating aggregate formation and conjugal transfer of the <i>Enterococcus faecalis</i> plasmid pCF10. <b>1991</b> , 173, 7665-72	69
1534	Characterization of the integrin alpha 8 subunit: a new integrin beta 1-associated subunit, which is prominently expressed on axons and on cells in contact with basal laminae in chick embryos.. <b>1991</b> , 10, 2375-2385	120
1533	Identification of a novel recognition sequence for the integrin alpha 4 beta 1 in the COOH-terminal heparin-binding domain of fibronectin.. <b>1991</b> , 10, 4089-4095	147
1532	Signal transduction by integrins: increased protein tyrosine phosphorylation caused by clustering of beta 1 integrins. <b>1991</b> , 88, 8392-6	658
1531	Cell type-specific integrin variants with alternative alpha chain cytoplasmic domains. <b>1991</b> , 88, 10183-7	180
1530	Physiology of bone: mineral compartment proteins as candidates for environmental perturbation by lead. <b>1991</b> , 91, 9-16	13
1529	Adhesive properties of the beta 3 integrins: comparison of GP IIb-IIIa and the vitronectin receptor individually expressed in human melanoma cells. <b>1991</b> , 113, 451-61	105
1528	Chapter 4 Protein Interactions Linking Actin to the Plasma Membrane in Focal Adhesions. <b>1991</b> , 57-64	14
1527	Nerve growth factor synthesis and nerve growth factor receptor expression in neural development. <b>1991</b> , 128, 109-38	25
1526	Cellular and molecular mechanisms in the regulation and function of osteoclasts. <b>1991</b> , 46, 41-86	42

1525	T cell receptors: adhesion and signaling. <b>1991</b> , 56, 49-76	29
1524	Directed plasminogen activation at the surface of normal and malignant cells. <b>1991</b> , 57, 273-328	208
1523	Expression of beta 1 integrins in normal human keratinocytes. <b>1991</b> , 301, 63-8	29
1522	Cell adhesion proteins in oral biology. <b>1991</b> , 2, 451-91	22
1521	Control of junB and extracellular matrix protein expression by transforming growth factor-beta 1 is independent of simian virus 40 T antigen-sensitive growth-sensitive growth-inhibitory events. <b>1991</b> , 11, 972-8	94
1520	Expression of adhesion molecules and histocompatibility antigens at the blood-brain barrier. <b>1991</b> , 1, 115-23	73
1519	A Homolog of the Substrate Adhesion Molecule Vitronectin Occurs in Four Species of Flowering Plants. <b>1991</b> , 3, 629	17
1518	Tumor cell surface alpha 4 beta 1 integrin mediates adhesion to vascular endothelium: demonstration of an interaction with the N-terminal domains of INCAM-110/VCAM-1. <b>1991</b> , 2, 347-55	126
1517	Expression of the CD11/CD18 cell surface adhesion glycoprotein family on alveolar macrophages in smokers and nonsmokers. <b>1991</b> , 100, 1567-71	35
1516	Failure to detect integrins of the beta-2 subclass on the human sperm surface. <b>1991</b> , 25, 143-5	1
1515	The extracellular matrix coordinately modulates liver transcription factors and hepatocyte morphology. <b>1991</b> , 11, 4405-14	218
1514	Glioblastoma expression of vitronectin and the alpha v beta 3 integrin. Adhesion mechanism for transformed glial cells. <b>1991</b> , 88, 1924-32	340
1513	Epithelial-mesenchymal interactions in the development of salivary glands. <b>1991</b> , 2, 1-12	27
1512	Influence of extracellular matrix on the proliferation and differentiation of glioma cells in culture. <b>1991</b> , 31, 553-8	4
1511	New aspects of stroma-parenchyma relations in mammary gland differentiation. <b>1991</b> , 125, 165-202	113
1510	Extracellular matrix molecules and their receptors: an overview with special emphasis on periodontal tissues. <b>1991</b> , 2, 323-54	56
1509	Integrin $\alpha 2 \beta 1$ : Its Structure, Ligand-Binding Specificity and Role in Lymphocyte-Endothelial Cell Interactions. <b>1991</b> , 50, 55-74	
1508	Expression of CD11a (LFA-1) on B-chronic Lymphocytic Leukemia and Lymphoma Cells: Correlation with Cell Surface Immunoglobulin Intensity and CD58 (LFA-3) Expression. <b>1991</b> , 5 Suppl 1, 59-64	5

1507	Induction of Hepatocyte Differentiation by the Extracellular Matrix and an RGD-Containing Synthetic Peptide. <b>1991</b> , 252, 199	16
1506	Cellular Interaction with Biomaterials Modified by Arg-Gly-Asp Containing Peptides. <b>1991</b> , 252, 331	6
1505	Infectious diseases associated with complement deficiencies. <b>1991</b> , 4, 359-95	572
1504	Separation of important new platelet glycoproteins (GPIa, GPIc, GPIc*, GPIIa and GMP-140) by f.p.l.c. Characterization by monoclonal antibodies and gas-phase sequencing. <b>1991</b> , 279 ( Pt 2), 419-25	5
1503	Assignment of disulphide bonds in human platelet GPIIIa. A disulphide pattern for the beta-subunits of the integrin family. <b>1991</b> , 274 ( Pt 1), 63-71	186
1502	A vitronectin-receptor-related molecule in human placental brush border membranes. <b>1991</b> , 280 ( Pt 1), 9-17	41
1501	Alpha-actinin: a direct link between actin and integrins. <b>1991</b> , 19, 1065-9	83
1500	Distribution of the VLA family of integrins in normal and pathological human liver tissue. <b>1991</b> , 101, 200-6	97
1499	New insights into the causes of cancer. <b>1991</b> , 38, 201-21	9
1498	Common complications of wound healing. Prevention and management. <b>1991</b> , 71, 1323-51	28
1497	Surface Antigens of Human Leukocytes. <b>1991</b> , 49, 75-147	20
1496	Sequence Variation of Human Platelet Membrane Glycoprotein IIIa Associated with the Yuka/Yukb Alloantigen System.. <b>1991</b> , 67, 102-106	28
1495	Fibronectin receptor subunit (alpha 5, alpha 4 and beta 1) mRNA and cell surface expression in human peripheral blood B lymphocytes. <b>1991</b> , 28, 27-30	6
1494	Possible functions of tumor-associated carbohydrate antigens. <b>1991</b> , 3, 646-53	185
1493	Evolution of the complement system. <b>1991</b> , 12, 295-300	105
1492	Mitogenic properties of major extracellular proteins. <b>1991</b> , 12, 258-62	44
1491	Force transmission across muscle cell membranes. <b>1991</b> , 24 Suppl 1, 43-52	133
1490	Complement component C1q and its receptor are involved in the interaction of human sperm with zona-free hamster eggs. <b>1991</b> , 29, 180-8	45



1489	CD45 isoforms associated with distinct functions of CD4 cells derived from unusual healthy donors lacking CD45RA- T lymphocytes. <b>1991</b> , 137, 406-19	10
1488	Fibronectin augments anti-CD3-mediated IL-2 receptor (CD25) expression on human peripheral blood lymphocytes. <b>1991</b> , 135, 105-17	7
1487	Effect of inflammatory cytokines on the adherence of tumor cells to endothelium in a murine model. <b>1991</b> , 136, 263-77	27
1486	Proliferation of resting lymphocytes is induced by triggering T cells through an epitope common to the three CD18/CD11 leukocyte adhesion molecules. <b>1991</b> , 136, 519-24	18
1485	Functional role of CD44 (Pgp-1) on activated B cells. <b>1991</b> , 10, 15-27	18
1484	Lymphocyte homing: an overview. <b>1991</b> , 10, 261-7	4
1483	Interaction between elastin and tumor cell lines with different metastatic potential; in vitro and in vivo studies. <b>1991</b> , 117, 232-8	40
1482	Purification and characterization of a DNA synthesis inhibitor protein from mouse embryo fibroblasts. <b>1991</b> , 16, 175-186	1
1481	Receptor sequence in the terminal protein of bacteriophage M2 that interacts with an RGD (Arg-Gly-Asp) sequence of the primer protein. <b>1991</b> , 185, 901-3	3
1480	The internal affairs of an integrin. <b>1991</b> , 1, 2-4	63
1479	Cell adhesion molecules in the development of the Drosophila nervous system. <b>1991</b> , 3, 309-320	9
1478	Laminin and fibronectin and their cellular receptors during neural development. <b>1991</b> , 3, 331-340	7
1477	Regulation of cell movement: the motogenic cytokines. <b>1991</b> , 1072, 81-102	67
1476	Molecular mechanisms of axon growth and guidance. <b>1991</b> , 7, 117-59	232
1475	Localization of the gene encoding the alpha 2 subunit of the human VLA-2 receptor to chromosome 5q23-31. <b>1991</b> , 17, 505-11	9
1474	Myofibrillar and cytoskeletal assembly in neonatal rat cardiac myocytes cultured on laminin and collagen. <b>1991</b> , 264, 577-87	64
1473	A discrete sequence in a platelet integrin is involved in ligand recognition. <b>1991</b> , 350, 66-8	193
1472	Construction and characterization of Bordetella pertussis mutants lacking the vir-regulated P.69 outer membrane protein. <b>1991</b> , 5, 1393-404	83

1471	Inhibitory effect of fibronectin and its recombinant polypeptides on the adhesion of metastatic melanoma cells to laminin. <b>1991</b> , 82, 1112-9	17
1470	Inhibitory effect of antimetastatic fusion polypeptide of human fibronectin on tumor cell adhesion to extracellular matrices. <b>1991</b> , 82, 1130-8	11
1469	VLA protein expression on epidermal cells (keratinocytes, Langerhans cells, melanocytes): a light and electron microscopic immunohistochemical study. <b>1991</b> , 124, 135-45	49
1468	Expression of a cell adhesion protein (VLA beta) in normal and diseased skin. <b>1991</b> , 124, 527-32	19
1467	Immunoelectron microscopic characterization of a subpopulation of freshly isolated epidermal Langerhans cells that reacts with anti-CD23 monoclonal antibody. <b>1991</b> , 124, 533-7	10
1466	Overexpression of extracellular matrix receptors (VLA-3, 5 and 6) on psoriatic keratinocytes. <b>1991</b> , 125, 211-6	32
1465	B lymphocyte fibronectin receptors: expression and utilization. <b>1991</b> , 34, 761-9	35
1464	Cell adhesion molecules. Structure, function, and implication in a variety of cutaneous and other pathologic conditions. <b>1991</b> , 30, 153-60	55
1463	Junctional epidermolysis bullosa keratinocytes in culture display adhesive, structural, and functional abnormalities. <b>1991</b> , 97, 849-61	13
1462	Cell attachment activity of cementum: bone sialoprotein II identified in cementum. <b>1991</b> , 26, 10-6	72
1461	Identification of a melanoma progression antigen as integrin VLA-2. <b>1991</b> , 96, 281-4	77
1460	Human epidermal Langerhans cells express integrins of the beta 1 subfamily. <b>1991</b> , 96, 518-22	35
1459	Basal cell glycoprotein in pig epidermis closely resembles the beta 1 subunit of the integrin family of cell adhesion molecules. <b>1991</b> , 97, 501-5	2
1458	Expression of beta 4 integrins in human skin: comparison of epidermal distribution with beta 1-integrin epitopes, and modulation by calcium and vitamin D3 in cultured keratinocytes. <b>1991</b> , 97, 562-7	49
1457	Molecular genetic aspects of human platelet antigen systems. <b>1991</b> , 4, 869-88	4
1456	Evidence that exposure to fibrinogen or to antibodies directed against Mac-1 (CD11b/CD18; CR3) modulates human monocyte effector functions. <b>1991</b> , 77, 16-24	30
1455	Homotypic cell aggregations of human myeloma cells with ICAM-1 and LFA-1 molecules. <b>1991</b> , 79, 583-8	30
1454	Isolation and characterization of PC-3 human prostatic tumor sublines which preferentially metastasize to select organs in S.C.I.D. mice. <b>1991</b> , 48, 115-25	94

1453	The role of the arginine-glycine-aspartic acid-directed cellular binding to type I collagen and rat mesenchymal cells in colorectal tumour differentiation. <b>1991</b> , 46, 97-103	27
1452	The human leukocyte-adhesion ligand, intercellular-adhesion molecule 2. Expression and characterization of the protein. <b>1991</b> , 195, 177-82	18
1451	Isolation and characterization of a membrane glycoprotein from human brain with sequence similarities to cell adhesion proteins from chicken and mouse. <b>1991</b> , 197, 549-54	4
1450	Cultured human fibroblasts contain a large pool of precursor beta 1-integrin but lack an intracellular pool of mature subunit. <b>1991</b> , 199, 25-33	35
1449	Enhancement of vitronectin expression in human HepG2 hepatoma cells by transforming growth factor-beta 1. <b>1991</b> , 199, 337-45	23
1448	Molecular cloning of the human alpha 6 integrin subunit. Alternative splicing of alpha 6 mRNA and chromosomal localization of the alpha 6 and beta 4 genes. <b>1991</b> , 199, 425-33	144
1447	Activation of the fibrinogen receptor on human platelets exposed to alpha chymotrypsin. Relationship with a major proteolytic cleavage at the carboxyterminus of the membrane glycoprotein IIb heavy chain. <b>1991</b> , 200, 437-47	22
1446	Monoclonal antibody to ICAM-1 prolongs murine heterotopic corneal allograft survival. <b>1991</b> , 19, 141-4	13
1445	Invited Review: Structure and Composition of Basement Membranes and Other Basal Matrix Systems in Selected Invertebrates. <b>1991</b> , 72, 181-201	63
1444	Extracellular matrix-resident basic fibroblast growth factor: implication for the control of angiogenesis. <b>1991</b> , 45, 167-76	250
1443	Modulation of milk protein synthesis through alteration of the cytoskeleton in mouse mammary epithelial cells cultured on a reconstituted basement membrane. <b>1991</b> , 146, 117-30	20
1442	The RGD containing site of the mouse laminin A chain is active for cell attachment, spreading, migration and neurite outgrowth. <b>1991</b> , 146, 451-9	116
1441	Restoration of adhesive potentials of Ehrlich ascites carcinoma cells by modification of plasma membrane. <b>1991</b> , 147, 182-90	12
1440	Prostaglandin E2 receptor modulation affects tumor cell adhesion to laminin. <b>1991</b> , 149, 208-13	4
1439	Biologically active synthetic fragments of human basic fibroblast growth factor (bFGF): identification of two Asp-Gly-Arg-containing domains involved in the mitogenic activity of bFGF in endothelial cells. <b>1991</b> , 149, 512-24	29
1438	The cytoplasmic domain of adherens-type junctions. <b>1991</b> , 20, 1-6	130
1437	In vitro migration of Hydra nematocytes: The influence of the natural extracellular matrix (the mesoglea), of collagen type IV and type I, laminin, and fibronectin on cell attachment, migration parameters, and on patterns of cytoskeletal proteins. <b>1991</b> , 20, 215-227	18
1436	Hepatocellular phenotype in Vitro is influenced by biophysical features of the collagenous substratum. <b>1991</b> , 13, 282-288	38

1435	Detection of fibronectin receptor in sera: Its clinical significance as a parameter of hepatic fibrosis. <b>1991</b> , 14, 244-250	10
1434	Cross-linking of VLA/CD29 molecule has a co-mitogenic effect with anti-CD3 on CD4 cell activation in serum-free culture system. <b>1991</b> , 21, 319-25	44
1433	A new superfamily of lymphoid and melanoma cell proteins with extensive homology to Schistosoma mansoni antigen Sm23. <b>1991</b> , 21, 377-83	71
1432	The function of human NK cells is enhanced by beta-glucan, a ligand of CR3 (CD11b/CD18). <b>1991</b> , 21, 1755-8	83
1431	Expression and regulation of beta 7(beta p) integrins on mouse lymphocytes: relevance to the mucosal immune system. <b>1991</b> , 21, 2591-7	202
1430	Phosphorylation of the beta-subunit of CD11/CD18 integrins by protein kinase C correlates with leukocyte adhesion. <b>1991</b> , 21, 2857-62	64
1429	A comprehensive two-dimensional gel protein database of noncultured unfractionated normal human epidermal keratinocytes: towards an integrated approach to the study of cell proliferation, differentiation and skin diseases. <b>1991</b> , 12, 802-72	45
1428	Tumor progression in human malignant melanoma is associated with changes in alpha 6/beta 1 laminin receptor. <b>1991</b> , 49, 168-72	42
1427	The lipoxygenase metabolite 12(S)-HETE induces a cytoskeleton-dependent increase in surface expression of integrin alpha IIb beta 3 on melanoma cells. <b>1991</b> , 49, 774-86	89
1426	Integrin expression in human melanoma cell lines: heterogeneity of vitronectin receptor composition and function. <b>1991</b> , 49, 924-31	72
1425	The neuronal growth cone as a specialized transduction system. <b>1991</b> , 13, 127-34	63
1424	C-CAM (cell-CAM 105)--a member of the growing immunoglobulin superfamily of cell adhesion proteins. <b>1991</b> , 13, 227-34	44
1423	Fibronectin filaments and actin microfilaments are organized into a fibronexus in Dupuytren's diseased tissue. <b>1991</b> , 230, 175-82	50
1422	Novel effect of cyclicization of the Arg-Gly-Asp-containing peptide on vitronectin binding to platelets. <b>1991</b> , 37, 14-9	18
1421	Topically applied antithrombotic agents offer a new therapeutic approach to the prevention of microvascular thrombosis. <b>1991</b> , 12, 281-7	10
1420	Beta amyloid precursor protein mediates neuronal cell-cell and cell-surface adhesion. <b>1991</b> , 28, 90-100	216
1419	Histiocytosis X arising in Hodgkin's disease: immunophenotypic characterization with a panel of monoclonal antibodies. <b>1991</b> , 418, 369-73	9
1418	Expression and role of integrins in adhesion of human colonic carcinoma cells to extracellular matrix components. <b>1991</b> , 9, 163-78	47

1417	Distribution of beta 1, alpha 1, alpha 2 and alpha 3 integrin chains in basal cell carcinomas. <b>1991</b> , 163, 307-13	65
1416	Low expression of beta 1, alpha 2 and alpha 3 subunits of VLA integrins in malignant mammary tumours. <b>1991</b> , 165, 25-32	118
1415	Characterization of integrin chains in normal and neoplastic human pancreas. <b>1991</b> , 165, 33-41	87
1414	Co-ordinate expression of the alpha-6 integrin laminin receptor sub-unit and laminin in breast cancer. <b>1991</b> , 165, 213-20	62
1413	4 integrin expression on in vitro and in vivo metastatic variants of Lewis lung carcinoma. <b>1991</b> , 5, 45-8	3
1412	Thromboxane-induced neutrophil adhesion to pulmonary microvascular and aortic endothelium is regulated by CD18. <b>1991</b> , 15, 181-99	39
1411	Mode of enlargement of young mouse neuromuscular junctions observed repeatedly in vivo with visualization of pre- and postsynaptic borders. <b>1991</b> , 20, 183-94	22
1410	Transmembrane cytoskeletal modulation in preterminal growing axons. II. Limax flavus agglutinin-induced receptor redistribution, capping and internalization in varicosities of growing axons. <b>1991</b> , 20, 232-47	2
1409	Very late antigen (VLA) expression in various forms of epidermolysis bullosa simplex. <b>1991</b> , 283, 1-4	3
1408	Strategies of obligate intracellular parasites for evading host defences. <b>1991</b> , 12, A22-7	49
1407	Vitronectin and proliferative intraocular disorders. II. Expression of cell surface receptors for fibronectin and vitronectin in periretinal membranes. <b>1991</b> , 15, 103-8	11
1406	Morphological evidence for the association of plasma membrane glycoprotein IIb/IIIa with the membrane skeleton in human platelets. <b>1991</b> , 96, 31-9	12
1405	Structure, function and biological properties of integrin alpha v beta 3 on human melanoma cells. <b>1991</b> , 10, 3-10	89
1404	Adhesion mechanisms in lymphatic metastasis. <b>1991</b> , 10, 23-32	25
1403	Adhesion molecules in lymphoma metastasis. <b>1991</b> , 10, 33-48	43
1402	Integrin expression in malignant melanoma. <b>1991</b> , 10, 49-59	66
1401	Cell adhesion receptor expression during melanoma progression and metastasis. <b>1991</b> , 10, 115-28	114
1400	Molecular characterization of the human platelet integrin GPIIb/IIIa and its constituent glycoproteins. <b>1991</b> , 19, 335-45	20

1399	Reconstruction of the basement membrane in a cultured submandibular gland. <b>1991</b> , 183, 491-9	11
1398	Fungal cell adhesion molecules in <i>Candida albicans</i> . <b>1991</b> , 7, 23-33	47
1397	Extracellular matrix receptor and platelet antigens on osteoclasts and foreign body giant cells. <b>1991</b> , 96, 169-76	22
1396	Regulation of Neural Development by the Extracellular Matrix. <b>1991</b> , 157-193	4
1395	Expression of collagen binding integrins during cardiac development and hypertrophy. <b>1991</b> , 68, 734-44	208
1394	A novel integrin involved in thymocyte-thymic epithelial cell interactions. <b>1991</b> , 173, 1537-48	36
1393	Characterization of ICAM-2 and evidence for a third counter-receptor for LFA-1. <b>1991</b> , 174, 253-67	430
1392	Cellular partitioning of beta-1 integrins and their phosphorylated forms is altered after transformation by Rous sarcoma virus or treatment with cytochalasin D. <b>1991</b> , 2, 271-83	34
1391	Adhäsionsmoleküle steuern die Kommunikation der Zellen. <b>1991</b> , 15, 391-403	
1390	Continuous cell culture. <b>1991</b> , 17, 269-303	4
1389	Focal adhesion integrity is downregulated by the alternatively spliced domain of human tenascin. <b>1991</b> , 115, 1127-36	253
1388	Carbohydrate-binding protein 35 is the major cell-surface laminin-binding protein in colon carcinoma. <b>1991</b> , 126, 1498-502	28
1387	Molecular cloning and expression of the cDNA for alpha 3 subunit of human alpha 3 beta 1 (VLA-3), an integrin receptor for fibronectin, laminin, and collagen. <b>1991</b> , 115, 257-66	127
1386	A fibronectin receptor on <i>Candida albicans</i> mediates adherence of the fungus to extracellular matrix. <b>1991</b> , 163, 604-10	112
1385	Cytoplasmic and transmembrane domains of integrin beta 1 and beta 3 subunits are functionally interchangeable. <b>1991</b> , 114, 1079-88	53
1384	Characterization of the alpha 4 integrin gene promoter. <b>1991</b> , 88, 4094-8	65
1383	Integrin alpha 2 beta 1 is upregulated in fibroblasts and highly aggressive melanoma cells in three-dimensional collagen lattices and mediates the reorganization of collagen I fibrils. <b>1991</b> , 115, 1427-36	324
1382	Fibronectin/integrin interaction induces tyrosine phosphorylation of a 120-kDa protein. <b>1991</b> , 2, 951-64	517

1381	The vitronectin receptor serves as an accessory molecule for the activation of a subset of gamma/delta T cells. <b>1991</b> , 173, 231-40	88
1380	Receptor functions for the integrin VLA-3: fibronectin, collagen, and laminin binding are differentially influenced by Arg-Gly-Asp peptide and by divalent cations. <b>1991</b> , 112, 169-81	401
1379	Discrimination between intracellular uptake and surface adhesion of bacterial pathogens. <b>1991</b> , 252, 934-8	271
1378	The NC1 domain of type IV collagen promotes axonal growth in sympathetic neurons through interaction with the alpha 1 beta 1 integrin. <b>1991</b> , 113, 417-28	111
1377	Laminin-binding integrin alpha 7 beta 1: functional characterization and expression in normal and malignant melanocytes. <b>1991</b> , 2, 805-17	122
1376	A function for the integrin alpha 6 beta 4 in the hemidesmosome. <b>1991</b> , 2, 427-38	214
1375	Tissue-specific splicing pattern of fibronectin messenger RNA precursor during development and aging in rat. <b>1991</b> , 113, 1223-9	136
1374	Amino acid sequence of mouse tenascin and differential expression of two tenascin isoforms during embryogenesis. <b>1991</b> , 112, 355-62	173
1373	Neural cell adhesion molecule mediates contact-dependent inhibition of growth of near-diploid mouse fibroblast cell line m5S/1M. <b>1991</b> , 115, 1751-61	48
1372	Interleukin 1 beta induces rapid phosphorylation and redistribution of talin: a possible mechanism for modulation of fibroblast focal adhesion. <b>1991</b> , 88, 1232-6	75
1371	Induced expression of syndecan in healing wounds. <b>1991</b> , 114, 585-95	207
1370	Characterization of the growth of cultured cortical neurons on sections of adult rat cortex. <b>1991</b> , 1, 134-42	6
1369	The mouse vitronectin receptor is a T cell activation antigen. <b>1991</b> , 173, 343-7	42
1368	Arg-Gly-Asp-containing peptides expose novel collagen receptors on fibroblasts: implications for wound healing. <b>1991</b> , 2, 1035-44	28
1367	Identification of a 107-kD glycoprotein that mediates adhesion between stromal cells and hematolymphoid cells. <b>1991</b> , 173, 373-81	34
1366	Cloning and expression of cDNAs for the alpha subunit of the murine lymphocyte-Peyer's patch adhesion molecule. <b>1991</b> , 115, 1149-58	51
1365	Genetic control of cell-mediated immunity in chickens. <b>1991</b> , 70, 1187-99	8
1364	Surface relocation of alpha 6 beta 4 integrins and assembly of hemidesmosomes in an in vitro model of wound healing. <b>1991</b> , 115, 1737-50	167

1363	Attachment to fibronectin or vitronectin makes human neutrophil migration sensitive to alterations in cytosolic free calcium concentration. <b>1991</b> , 112, 149-58	95
1362	Adhesion of human B cells to follicular dendritic cells involves both the lymphocyte function-associated antigen 1/intercellular adhesion molecule 1 and very late antigen 4/vascular cell adhesion molecule 1 pathways. <b>1991</b> , 173, 1297-304	256
1361	Components of the plasminogen-plasmin system in human tumor cell lines. <b>1991</b> , 17, 175-82	37
1360	Cell surface beta 1,4 galactosyltransferase: twenty years later. <b>1991</b> , 1, 563-75	72
1359	Glycoprotein synthesis and secretion. Expression of fibronectin and its cell surface receptors. <b>1991</b> , 144, S25-8	14
1358	Modulation of the affinity of integrin alpha IIb beta 3 (GPIIb-IIIa) by the cytoplasmic domain of alpha IIb. <b>1991</b> , 254, 845-7	316
1357	Protein tyrosine phosphatases: a diverse family of intracellular and transmembrane enzymes. <b>1991</b> , 253, 401-6	948
1356	Expression of a soluble and functional form of the human beta 2 integrin CD11b/CD18. <b>1991</b> , 88, 3106-10	69
1355	Control of growth and differentiation of vascular cells by extracellular matrix proteins. <b>1991</b> , 53, 161-77	174
1354	Extracellular matrix molecules and their receptors: functions in neural development. <b>1991</b> , 14, 531-70	673
1353	Cell adhesion molecules: implications for a molecular histology. <b>1991</b> , 60, 155-90	634
1352	Synergistic effect of two cell recognition systems: glycosphingolipid-glycosphingolipid interaction and integrin receptor interaction with pericellular matrix protein. <b>1991</b> , 1, 623-30	58
1351	HIV-1 infection of human T lymphocytes results in enhanced alpha 5 beta 1 integrin expression. <b>1991</b> , 114, 847-53	28
1350	Identification of different laminin binding proteins in basolateral cell membranes of human colorectal carcinomas and normal colonic mucosa. <b>1991</b> , 32, 282-6	11
1349	Detection of vitronectin mRNA in tissues and cells of the mouse. <b>1991</b> , 88, 9402-6	97
1348	The role of integrins in the maintenance of endothelial monolayer integrity. <b>1991</b> , 112, 479-90	250
1347	Paxillin is a major phosphotyrosine-containing protein during embryonic development. <b>1991</b> , 115, 201-7	114
1346	Activation of LFA-1 through a Ca <sup>2+</sup> (+)-dependent epitope stimulates lymphocyte adhesion. <b>1991</b> , 112, 345-54	188



1345	Adhesion of immature thymocytes to thymic stromal cells through fibronectin molecules and its significance for the induction of thymocyte differentiation. <b>1991</b> , 88, 5685-9	88
1344	Lipoxygenase metabolites of arachidonic and linoleic acids modulate the adhesion of tumor cells to endothelium via regulation of protein kinase C. <b>1991</b> , 2, 1045-55	109
1343	Vitronectin receptor has a role in bone resorption but does not mediate tight sealing zone attachment of osteoclasts to the bone surface. <b>1991</b> , 115, 1179-86	149
1342	Differentiation of primitive human multipotent hematopoietic progenitors into single lineage clonogenic progenitors is accompanied by alterations in their interaction with fibronectin. <b>1991</b> , 174, 693-703	185
1341	Monoclonal antibody characterization of two distant sites required for function of the central cell-binding domain of fibronectin in cell adhesion, cell migration, and matrix assembly. <b>1991</b> , 114, 1295-305	143
1340	Generation and characterization of the murine monoclonal antibody M-KID 2 to VLA-3 integrin. <b>1991</b> , 10, 707-20	20
1339	Patent Update: Adhesion Molecules: Mediators of Inflammation and the Immune System. <b>1991</b> , 1, 1842-1854	1
1338	Receptors and dormant receptors--messengers and opportunistic ligands. <b>1991</b> , 11, 1-11	7
1337	Analysis of adhesion molecules in the immunopathogenesis of giant cell arteritis. <b>1991</b> , 44, 497-501	20
1336	Characterization of a type IV collagen major cell binding site with affinity to the alpha 1 beta 1 and the alpha 2 beta 1 integrins. <b>1991</b> , 113, 1475-83	213
1335	Carbohydrate-carbohydrate interaction as an initial step in cell recognition. <b>1991</b> , 63, 473-482	164
1334	Multiple cell surface receptors for the short arms of laminin: alpha 1 beta 1 integrin and RGD-dependent proteins mediate cell attachment only to domains III in murine tumor laminin. <b>1991</b> , 113, 931-41	69
1333	Expression of beta 1, beta 3, beta 4, and beta 5 integrins by human epidermal keratinocytes and non-differentiating keratinocytes. <b>1991</b> , 115, 829-41	165
1332	Specific proto-oncogenic tyrosine kinases of src family are enriched in cell-to-cell adherens junctions where the level of tyrosine phosphorylation is elevated. <b>1991</b> , 113, 867-79	283
1331	Integrin alpha 6/beta 4 complex is located in hemidesmosomes, suggesting a major role in epidermal cell-basement membrane adhesion. <b>1991</b> , 113, 907-17	518
1330	Desmocollins form a distinct subset of the cadherin family of cell adhesion molecules. <b>1991</b> , 88, 4476-80	98
1329	Vascular cell adhesion molecule 1 induces T-cell antigen receptor-dependent activation of CD4+T lymphocytes. <b>1991</b> , 88, 6403-7	190
1328	Polarized expression of integrin receptors (alpha 6 beta 4, alpha 2 beta 1, alpha 3 beta 1, and alpha v beta 5) and their relationship with the cytoskeleton and basement membrane matrix in cultured human keratinocytes. <b>1991</b> , 112, 761-73	197

1327	The major laminin receptor of mouse embryonic stem cells is a novel isoform of the alpha 6 beta 1 integrin. <b>1991</b> , 115, 843-50	155
1326	Integrins alpha v beta 3 and alpha v beta 5 contribute to cell attachment to vitronectin but differentially distribute on the cell surface. <b>1991</b> , 113, 919-29	314
1325	Motility and ultrastructure of large granular lymphocytes on lipid bilayers reconstituted with adhesion receptors LFA-1, ICAM-1, and two isoforms of LFA-3. <b>1991</b> , 115, 861-71	27
1324	Structure of a new nervous system glycoprotein, Nr-CAM, and its relationship to subgroups of neural cell adhesion molecules. <b>1991</b> , 113, 1399-412	169
1323	G1/S control of anchorage-independent growth in the fibroblast cell cycle. <b>1991</b> , 115, 1419-25	113
1322	A Homolog of the Substrate Adhesion Molecule Vitronectin Occurs in Four Species of Flowering Plants. <b>1991</b> , 3, 629-635	87
1321	Implicating the bcr/abl gene in the pathogenesis of Philadelphia chromosome-positive human leukemia. <b>1991</b> , 57, 151-84	76
1320	Tissue engineering by cell transplantation using degradable polymer substrates. <b>1991</b> , 113, 143-51	463
1319	Cell and substrate adhesion molecules in Drosophila. <b>1991</b> , 7, 505-57	115
1318	Matrix-driven pneumocyte differentiation. <b>1991</b> , 144, 452-7	30
1317	Endothelial and epithelial cell adhesion molecules. <b>1991</b> , 4, 195-203	271
1316	Attachment characteristics of bovine bronchial epithelial cells to extracellular matrix components. <b>1991</b> , 4, 440-8	22
1315	Glucocorticoids inhibit fibronectin synthesis and messenger ribonucleic acid levels in cultured fetal rat parietal bones. <b>1991</b> , 128, 1107-14	36
1314	In vitro and in vivo consequences of VLA-2 expression on rhabdomyosarcoma cells. <b>1991</b> , 251, 1600-2	302
1313	Solution structure of kistrin, a potent platelet aggregation inhibitor and GP IIb-IIIa antagonist. <b>1991</b> , 253, 445-8	258
1312	Leukocyte cell adhesion proteins: from molecular dissection to clinical applications. <b>1992</b> , 24, 329-35	6
1311	Increased adherence of monocytes to fibronectin in bronchiectasis. Regulatory effects of bacterial lipopolysaccharide and role of CD11/CD18 integrins. <b>1992</b> , 145, 626-31	15
1310	Vitronectin and its relationship to other extracellular matrix components in bronchoalveolar lavage fluid in sarcoidosis. <b>1992</b> , 145, 646-50	29

1309	Expression and function of beta 2 integrins on alveolar macrophages from human and nonhuman primates. <b>1992</b> , 7, 182-9	21
1308	Thrombospondin as a component of the extracellular matrix of epiretinal membranes: comparisons with cellular fibronectin. <b>1992</b> , 6 ( Pt 6), 566-9	17
1307	Wound healing of the ocular surface. <b>1992</b> , 24, 19-27	32
1306	Events occurring after thrombin-induced fibrinogen binding to platelets. <b>1992</b> , 18, 34-43	16
1305	A Dynamic Role for the Stylar Matrix in Pollen Tube Extension. <b>1992</b> , 297-318	38
1304	The role of adhesion molecules in multiple myeloma. <b>1992</b> , 8, 189-96	18
1303	Regulation of the VLA integrin-ligand interactions through the beta 1 subunit. <b>1992</b> , 117, 659-70	190
1302	The characterization and expression of ovine insulin-like growth factor-binding protein-2. <b>1992</b> , 9, 31-8	30
1301	Adhesion of T and B lymphocytes to extracellular matrix and endothelial cells can be regulated through the beta subunit of VLA. <b>1992</b> , 117, 461-70	121
1300	Expression of fibronectin and integrins in cultured periodontal ligament epithelial cells. <b>1992</b> , 71, 1203-11	38
1299	Integrin expression by human articular chondrocytes. <b>1992</b> , 31, 231-4	113
1298	Regulation of alpha 2 beta 1-mediated fibroblast migration on type I collagen by shifts in the concentrations of extracellular Mg <sup>2+</sup> and Ca <sup>2+</sup> . <b>1992</b> , 117, 1109-17	124
1297	Motility of fibronectin receptor-deficient cells on fibronectin and vitronectin: collaborative interactions among integrins. <b>1992</b> , 116, 477-87	132
1296	Ligation of VLA-4 on T cells stimulates tyrosine phosphorylation of a 105-kD protein. <b>1992</b> , 175, 1045-53	126
1295	A cell surface chondroitin sulfate proteoglycan, immunologically related to CD44, is involved in type I collagen-mediated melanoma cell motility and invasion. <b>1992</b> , 116, 521-31	242
1294	Bacterial meningitis: pathogenesis, pathophysiology, and progress. <b>1992</b> , 327, 864-72	414
1293	Endothelial cells interact with the core protein of basement membrane perlecan through beta 1 and beta 3 integrins: an adhesion modulated by glycosaminoglycan. <b>1992</b> , 119, 945-59	167
1292	Tyrosine phosphorylation of paxillin and pp125FAK accompanies cell adhesion to extracellular matrix: a role in cytoskeletal assembly. <b>1992</b> , 119, 893-903	1216

1291	Identification of amino acid sequences in the integrin beta 1 cytoplasmic domain implicated in cytoskeletal association. <b>1992</b> , 117, 1321-30	263
1290	Regulation of cell substrate adhesion: effects of small galactosaminoglycan-containing proteoglycans. <b>1992</b> , 118, 1523-31	87
1289	Role of integrin alpha 4 beta 7/alpha 4 beta P in lymphocyte adherence to fibronectin and VCAM-1 and in homotypic cell clustering. <b>1992</b> , 117, 179-89	311
1288	The integrin alpha 6 beta 4 is a laminin receptor. <b>1992</b> , 117, 671-8	283
1287	Cell surface beta 1,4-galactosyltransferase functions during neural crest cell migration and neurulation in vivo. <b>1992</b> , 117, 369-82	50
1286	Role of neutrophil adherence receptors (CD 18) in lung permeability following lower torso ischemia. <b>1992</b> , 71, 82-6	42
1285	Characteristics of immunocompetent cells in synovial membranes from multiple sites in patients with rheumatoid arthritis. <b>1992</b> , 51, 1066-8	2
1284	Characterization of multiple adhesive and counteradhesive domains in the extracellular matrix protein cytotactin. <b>1992</b> , 119, 663-78	156
1283	A synthetic peptide derived from the carboxy terminus of the laminin A chain represents a binding site for the alpha 3 beta 1 integrin. <b>1992</b> , 117, 449-59	132
1282	Leucocyte integrin and CR1 expression on peripheral blood leucocytes of patients with rheumatoid arthritis. <b>1992</b> , 51, 307-12	17
1281	Cell Wall Structure in Cells Adapted to Growth on the Cellulose-Synthesis Inhibitor 2,6-Dichlorobenzonitrile : A Comparison between Two Dicotyledonous Plants and a Gramineous Monocot. <b>1992</b> , 100, 120-30	140
1280	Identification of a new hemidesmosomal protein, HD1: a major, high molecular mass component of isolated hemidesmosomes. <b>1992</b> , 116, 1497-506	206
1279	Blockade of beta 1-integrins in skin causes edema through lowering of interstitial fluid pressure. <b>1992</b> , 71, 978-83	99
1278	Diminished expression of integrin adhesion molecules on human colonic epithelial cells during the benign to malign tumour transformation. <b>1992</b> , 33, 342-6	123
1277	Role of the alpha v beta 3 integrin in human melanoma cell invasion. <b>1992</b> , 89, 1557-61	386
1276	Immunolocalization of integrin alpha 6 beta 4 in mouse junctional epithelium suggests an anchoring function to both the internal and the external basal lamina. <b>1992</b> , 71, 1503-8	53
1275	A monoclonal antibody produced against a rat esophageal carcinoma cell line reacts with an integrin-like molecule expressed by rat epithelial cells. <b>1992</b> , 11, 581-94	3
1274	Requirement of the integrin beta 3 subunit for carcinoma cell spreading or migration on vitronectin and fibrinogen. <b>1992</b> , 117, 1101-7	217

1273	Inhibition of cell adhesion by high molecular weight kininogen. <b>1992</b> , 116, 465-76	90
1272	Coordinate role for cell surface chondroitin sulfate proteoglycan and alpha 4 beta 1 integrin in mediating melanoma cell adhesion to fibronectin. <b>1992</b> , 118, 431-44	144
1271	Alpha 1 beta 1 integrin on neural crest cells recognizes some laminin substrata in a Ca(2+)-independent manner. <b>1992</b> , 119, 1335-45	55
1270	Signal transduction by the platelet integrin alpha IIb beta 3: induction of calcium oscillations required for protein-tyrosine phosphorylation and ligand-induced spreading of stably transfected cells. <b>1992</b> , 3, 989-98	91
1269	Endothelial cell activation in vasculitis of peripheral nerve and skeletal muscle. <b>1992</b> , 55, 4-7	27
1268	Macrophage recognition of senescent neutrophils. <b>1992</b> , 83, 649-55	51
1267	Homology modelling of integrin EF-hands. Evidence for widespread use of a conserved cation-binding site. <b>1992</b> , 285 ( Pt 1), 325-31	115
1266	Intrahepatic up-regulated expression of extracellular matrix protein receptors in chronic active hepatitis type B. <b>1992</b> , 102, 255-62	18
1265	Laminin binding in membranes of a rat pancreatic acinar cell line are targets for glucocorticoids. <b>1992</b> , 102, 237-47	8
1264	Plasma fibronectin receptor levels during pregnancy complicated by preeclampsia and abruptio placentae. <b>1992</b> , 33, 147-52	4
1263	Differential increase in 12-HETE release and CD29/CD49f expression of platelets from normal donors and from patients with atopic dermatitis by Staphylococcus aureus. <b>1992</b> , 98, 339-42	13
1262	Patterns of expression of integrin molecules in human endometrium throughout the menstrual cycle. <b>1992</b> , 7, 876-82	186
1261	Cellular Interactions in Thrombosis, Hemostasis, and Inflammation. <b>1992</b> , 27, 123-166	
1260	Morphoregulatory activities of E-cadherin and beta-1 integrins in colorectal tumour cells. <b>1992</b> , 66, 629-34	90
1259	Platelet membrane glycoprotein IIb-IIIa complex: purification, characterization, and reconstitution into phospholipid vesicles. <b>1992</b> , 215, 244-63	17
1258	Fibronectin binding to platelets. <b>1992</b> , 215, 311-6	8
1257	Membrane-impermeant cross-linking reagents for structural and functional analyses of platelet membrane glycoproteins. <b>1992</b> , 215, 403-12	3
1256	The central role of follicular dendritic cells in lymphoid tissues. <b>1992</b> , 51, 243-84	62

1255	Laminin in the human embryo implantation: analogy to the invasion by malignant cells. <b>1992</b> , 58, 105-13	50
1254	Platelet membrane glycoproteins. Functional characterization and clinical applications. <b>1992</b> , 98, 455-63	17
1253	Nonmyristoylated Abl proteins transform a factor-dependent hematopoietic cell line. <b>1992</b> , 12, 1864-71	53
1252	E1A-responsive elements for repression of rat fibronectin gene transcription. <b>1992</b> , 12, 2837-46	47
1251	Adhesion molecules and malignant gliomas: implications for tumorigenesis. <b>1992</b> , 76, 782-91	51
1250	Ser-752-->Pro mutation in the cytoplasmic domain of integrin beta 3 subunit and defective activation of platelet integrin alpha IIb beta 3 (glycoprotein IIb-IIIa) in a variant of Glanzmann thrombasthenia. <b>1992</b> , 89, 10169-73	224
1249	Role of fibrinogen alpha and gamma chain sites in platelet aggregation. <b>1992</b> , 89, 10729-32	286
1248	Indomethacin promotes germinal matrix microvessel maturation in the newborn beagle pup. <b>1992</b> , 23, 1132-7	78
1247	Immunolocalization of beta 1 integrins in human gingival epithelium and cultured keratinocytes. <b>1992</b> , 100, 266-73	5
1246	Cell surface structures on human basophils and mast cells: biochemical and functional characterization. <b>1992</b> , 52, 333-423	149
1245	Inside-out integrin signalling. <b>1992</b> , 4, 766-71	387
1244	Cell adhesion and metastasis. <b>1992</b> , 16, 1-10	21
1243	Identification of novel adhesion proteins in mouse peritoneal macrophages. <b>1992</b> , 76, 103-9	6
1242	Endothelium, thrombosis and atherosclerosis. <b>1992</b> , 13, 21-26	
1241	The invasins protein of <i>Yersinia enterocolitica</i> : internalization of invasins-bearing bacteria by eukaryotic cells is associated with reorganization of the cytoskeleton. <b>1992</b> , 116, 197-207	133
1240	Expression of adhesion proteins involved in cell-cell and cell-matrix interactions in the skin of patients with progressive systemic sclerosis. <b>1992</b> , 27, 169-77	67
1239	Neuritogenesis on collagen substrates. Involvement of integrin-like matrix receptors in retinal fibre outgrowth on collagen. <b>1992</b> , 10, 393-405	27
1238	Regulation of tumor-host interactions in breast cancer. <b>1992</b> , 41, 389-400	14

1237	Cadherins. <b>1992</b> , 8, 307-32	435
1236	Thrombospondin II: partial cDNA sequence, chromosome location, and expression of a second member of the thrombospondin gene family in humans. <b>1992</b> , 12, 421-9	49
1235	A multidisciplinary approach to the diagnosis of cutaneous T-cell lymphomas. <b>1992</b> , 16, 99-125	7
1234	Identification of the integrin VLA-2 as a receptor for echovirus 1. <b>1992</b> , 255, 1718-20	269
1233	Integrins: versatility, modulation, and signaling in cell adhesion. <i>Cell</i> , <b>1992</b> , 69, 11-25	56.2 9059
1232	Unique expression of integrin fibronectin receptors in human neuroblastoma cell lines. <b>1992</b> , 51, 620-6	15
1231	Human p150,95 alpha-subunit: genomic organization and analysis of the 5'-flanking region. <b>1992</b> , 11, 123-38	9
1230	Cell-cell contacts alter intracellular pH. <b>1992</b> , 200, 211-4	19
1229	Regulatory role of GM3 ganglioside in integrin function, as evidenced by its effect on function of alpha 5 beta 1-liposomes: a preliminary note. <b>1992</b> , 186, 1397-402	20
1228	Isolation of plasma membrane exovesicles from BHK cells using merocyanine 540. <b>1992</b> , 1103, 179-83	4
1227	Thalidomide and the immune system. 2. Changes in receptors on blood cells of a healthy volunteer. <b>1992</b> , 51, 2107-16	35
1226	Laminin in neural development. <b>1992</b> , 56, 247-64	18
1225	Biology of tumour metastasis. <b>1992</b> , 339, 1453-7	296
1224	Interleukin-2 bolus therapy induces immediate and selective disappearance from peripheral blood of all lymphocyte subpopulations displaying natural killer activity: role of cell adhesion to endothelium. <b>1992</b> , 28A, 818-25	23
1223	A scanning electron-microscopic study of the effects of methylmercury on the neuronal cytoskeleton. <b>1992</b> , 60, 329-41	9
1222	Culture of human epithelium. <b>1992</b> , 18 Suppl 1, S5-10	25
1221	Autotransplanted jejunum in patients with carcinomas of the head and neck: transport of immunosurveillance against tumor cells?. <b>1992</b> , 184, 321-35	6
1220	A model for the recruitment of neutrophils at sites of inflammation. Physiological relevance of in vivo neutrophil aggregation. <b>1992</b> , 38, 132-8	13

1219	Differential expression of adhesion molecules on infiltrating cells in inflammatory dermatoses. <b>1992</b> , 26, 907-13		34
1218	Are beta 1 integrins involved in <i>Xenopus</i> gastrulation?. <b>1992</b> , 38, 109-19		28
1217	Cloning of 67-kDa laminin receptor cDNA and gene expression in normal and malignant cell lines of the human lung. <b>1992</b> , 62, 199-203		18
1216	Epidermal dendritic cells in psoriasis possess a phenotype associated with antigen presentation: in situ expression of beta 2-integrins. <b>1992</b> , 27, 383-8		27
1215	Integrins and their accessory adhesion molecules in mammary carcinomas: loss of polarization in poorly differentiated tumors. <b>1992</b> , 23, 1159-66		149
1214	A simple approach to improving sensitivity in a one-step monoclonal antibody-based ELISA for human IIbIIIa using multiple conjugates. <b>1992</b> , 151, 87-95		1
1213	Distinct cellular functions mediated by different VLA integrin alpha subunit cytoplasmic domains. <i>Cell</i> , <b>1992</b> , 68, 1051-60	56.2	289
1212	Contact and adhesive specificities in the associations, migrations, and targeting of cells and axons. <i>Cell</i> , <b>1992</b> , 68, 303-22	56.2	814
1211	A reticulocyte-binding protein complex of <i>Plasmodium vivax</i> merozoites. <i>Cell</i> , <b>1992</b> , 69, 1213-26	56.2	301
1210	Monoclonal antibodies identify Fc gamma receptors on unfertilized human oocytes but not spermatozoa. <b>1992</b> , 21, 293-307		25
1209	Role of Integrins in Endothelial Cell Function. <b>1992</b> , 91-98		1
1208	A novel Arg-Gly-Asp containing peptide specific for platelet aggregation and its effect on tumor metastasis: a possible mechanism of RGD peptide-mediated inhibition of tumor metastasis. <b>1992</b> , 65, 259-64		19
1207	Two-dimensional crystallization of a bacterial surface protein on lipid vesicles under controlled conditions. <b>1992</b> , 61, 172-88		24
1206	Use of monoclonal antibodies to study the interaction between an integrin adhesion receptor, GP IIb-IIIa, and its physiological ligand, fibrinogen. <b>1992</b> , 1, 53-63		6
1205	Interaction of <i>Pseudomonas aeruginosa</i> with human lung fibroblasts: role of bacterial elastase. <b>1992</b> , 6, 652-7		5
1204	Role of the transmembrane and cytoplasmic domains in the assembly and surface exposure of the platelet integrin GPIIb/IIIa. <b>1992</b> , 31, 2408-15		46
1203	Cellular basis of amphibian gastrulation. <b>1992</b> , 27, 39-89		61
1202	Actin filaments associated with the basal Sertoli cell surface in the alligator and turtle. <b>1992</b> , 24, 643-54		6



1201	Cell adhesion molecules: a unifying approach to topographic biology. <b>1992</b> , 67, 359-77	38
1200	Distribution of integrin cell adhesion receptors in normal and malignant lung tissue. <b>1992</b> , 6, 197-206	133
1199	Extracellular RGD-binding proteins modulate cell adhesion. <b>1992</b> , 183, 544-52	1
1198	Conformational study of cyclo(1,5)-Ac-Pen-Arg-Gly-Asp-Cys-NH <sub>2</sub> in water by NMR and molecular dynamics. <b>1992</b> , 187, 1042-7	10
1197	Changes in cell attachment by RSV transformation in rat liver epithelial cells. <b>1992</b> , 189, 350-5	2
1196	Increased expression of the 67kDa-laminin receptor gene in human small cell lung cancer. <b>1992</b> , 182, 746-52	33
1195	A 1H-NMR study of the solution conformation of cyclo(GRGDSPA): conformational effects on the physiological activity. <b>1992</b> , 182, 966-73	12
1194	Vascular smooth muscle cell detachment from elastin and migration through elastic laminae is promoted by chondroitin sulfate-induced "shedding" of the 67-kDa cell surface elastin binding protein. <b>1992</b> , 203, 344-53	91
1193	Cellular interactions with the extracellular matrix are coupled to diverse transmembrane signaling pathways. <b>1992</b> , 203, 365-73	20
1192	Effects of the extracellular matrix on fetal choroid plexus epithelial cells: changes in morphology and multicellular organization do not affect gene expression. <b>1992</b> , 203, 198-213	25
1191	Identification and characterization of a novel high-molecular-weight form of the integrin alpha 3 subunit. <b>1992</b> , 203, 270-5	11
1190	Effects of TGF beta 1 on the proliferation and differentiation of an immortalized astrocyte cell line: relationship with extracellular matrix. <b>1992</b> , 202, 316-25	27
1189	Beta 1 and beta 3 integrins have different roles in the adhesion and migration of vascular smooth muscle cells on extracellular matrix. <b>1992</b> , 200, 272-84	165
1188	Corneal cell-matrix interactions: type VI collagen promotes adhesion and spreading of corneal fibroblasts. <b>1992</b> , 200, 490-9	56
1187	Expression of alpha 6 beta 4 integrin increases during malignant conversion of mouse epidermal keratinocytes: association of beta 4 subunit to the cytokeratin fraction. <b>1992</b> , 201, 250-61	33
1186	Alpha IIb beta 3 integrin expression and function in subpopulations of murine tumors. <b>1992</b> , 201, 23-32	41
1185	Induced cell surface expression of functional alpha 2 beta 1 integrin during megakaryocytic differentiation of K562 leukemic cells. <b>1992</b> , 202, 28-35	52
1184	Disorders of platelet function. <b>1992</b> , 38, 581-631	14

1183	Mechanism of skin morphogenesis. I. Analyses with antibodies to adhesion molecules tenascin, N-CAM, and integrin. <b>1992</b> , 150, 82-98	86
1182	Roles for the extracellular matrix in plant development and pollination: a special case of cell movement in plants. <b>1992</b> , 153, 16-28	92
1181	The <i>Drosophila melanogaster</i> stranded at second ( <i>sas</i> ) gene encodes a putative epidermal cell surface receptor required for larval development. <b>1992</b> , 151, 431-45	30
1180	Increases in pericellular proteolysis at developing neuromuscular junctions in culture. <b>1992</b> , 149, 261-77	17
1179	Identification and characterization of alternatively spliced fibronectin mRNAs expressed in early <i>Xenopus</i> embryos. <b>1992</b> , 149, 357-69	65
1178	Endotoxin suppresses matrix protein-induced upregulation of PMN candidal activity: an effect reversed by low-dose TNF-alpha. <b>1992</b> , 52, 489-98	4
1177	Analysis of alpha 1 beta 1, alpha 2 beta 1 and alpha 3 beta 1 integrins in cell-collagen interactions: identification of conformation dependent alpha 1 beta 1 binding sites in collagen type I.. <b>1992</b> , 11, 3865-3873	169
1176	Coevolution of the vertebrate integrin alpha- and beta-chain genes. <b>1992</b> , 9, 216-34	19
1175	Circulating integrins: alpha 5 beta 1, alpha 6 beta 4 and Mac-1, but not alpha 3 beta 1, alpha 4 beta 1 or LFA-1.. <b>1992</b> , 11, 405-410	159
1174	Central and peripheral neurite outgrowth differs in preference for heparin-binding versus integrin-binding sequences. <b>1992</b> , 12, 2034-42	26
1173	Lymphocyte adhesion can be regulated by cytoskeleton-associated, PMA-induced capping of surface receptors. <b>1992</b> , 262, C916-26	98
1172	Effect of reinnervation on collagen synthesis in rat skeletal muscle. <b>1992</b> , 72, 2069-74	19
1171	Peptidyl Antithrombogenic Agents for Extracorporeal Blood Circulation. <b>1992</b> , 15, 737-745	
1170	Anti-Fx1A antibody recognizes a beta 1-integrin on glomerular epithelial cells and inhibits adhesion and growth. <b>1992</b> , 262, F770-6	13
1169	Hyperproduction of human interferon gamma by rat cells maintained in low-serum medium using the fibronectin gene promoter. <b>1992</b> , 112, 590-7	3
1168	Integrin adhesion molecules in the human endometrium. Correlation with the normal and abnormal menstrual cycle. <b>1992</b> , 90, 188-95	442
1167	Cell Adhesion Molecules in Skin Diseases: New Perspectives in Molecular Dermatopathology. <b>1992</b> , 5, 35-43	
1166	Integrin receptors in the glomerulus: potential role in glomerular injury. <b>1992</b> , 262, F697-704	13

1165	Very late activation-3 integrin is the dominant beta 1-integrin on the glomerular capillary wall: an immunofluorescence study in nephrotic syndrome. <b>1992</b> , 62, 382-8	21
1164	Structural and Biologic Properties of Integrin-Mediated Cell Adhesion. <b>1992</b> , 12, 217-236	38
1163	Sexual signalling in Chlamydomonas. <b>1992</b> , 1-18	2
1162	Immunocytochemical evidence for the translocation of alpha-granule membrane glycoprotein IIb/IIIa (integrin alpha IIb beta 3) of human platelets to the surface membrane during the release reaction. <b>1992</b> , 97, 381-8	25
1161	Assignment of three rat integrin genes to chromosome 19 (ITGB1), chromosome 3 (ITGA4), and chromosome 7 (ITGA5). <b>1992</b> , 3, 685-8	8
1160	The expression of PS integrins in Drosophila melanogaster imaginal disc cell lines. <b>1992</b> , 201, 120-123	15
1159	Is there a causal role for IL-1 in postmenopausal bone loss?. <b>1992</b> , 50, 295-9	53
1158	Integrin expression in human melanoma cells with differing invasive and metastatic properties. <b>1992</b> , 10, 111-20	175
1157	Is there a role for the tumor cell integrin alpha IIb beta 3 and cytoskeleton in tumor cell-platelet interaction?. <b>1992</b> , 10, 125-37	31
1156	Computational simulations of the conformational behaviour of the adhesive proteins RGDS fragment. <b>1992</b> , 6, 113-30	6
1155	A new extracellular matrix protein of the sea urchin embryo with properties of a substrate adhesion molecule. <b>1992</b> , 201, 173-178	25
1154	Differential expression of integrin alpha chains by renal epithelial cells. <b>1992</b> , 167, 327-34	38
1153	Alteration of stromal protein and integrin expression in breast--a marker of premalignant change?. <b>1992</b> , 167, 399-406	171
1152	Les fibronectines. <b>1992</b> , 6, 131-148	2
1151	Glycoproteins and lectins in cell adhesion and cell recognition processes. <b>1992</b> , 24, 791-804	37
1150	The role of CD15-(Le(X))-related carbohydrates in neutrophil adhesion. <b>1992</b> , 24, 811-26	71
1149	Increased adhesion of fibroblasts from patients with scleroderma to extracellular matrix components: in vitro modulation by IFN-gamma but not by TGF-beta. <b>1992</b> , 98, 86-91	15
1148	Integrin receptors and RGD sequences in human keratinocyte migration: unique anti-migratory function of alpha 3 beta 1 epiligrin receptor. <b>1992</b> , 98, 764-70	85

1147	Expression and modulation of the vitronectin receptor on human dermal microvascular endothelial cells. <b>1992</b> , 99, 715-22	56
1146	Expression of integrin alpha 6 beta 4 in junctional epidermolysis bullosa. <b>1992</b> , 99, 489-96	45
1145	Expression and role of integrin receptors in Szary syndrome. <b>1992</b> , 99, 151-9	10
1144	No effect of RDGS peptides. <b>1992</b> , 355, 777	2
1143	Prevention of experimental autoimmune encephalomyelitis by antibodies against alpha 4 beta 1 integrin. <b>1992</b> , 356, 63-6	1473
1142	A potential fusion peptide and an integrin ligand domain in a protein active in sperm-egg fusion. <b>1992</b> , 356, 248-52	652
1141	Cloning and characterization of a gene that regulates cell adhesion. <b>1992</b> , 356, 529-32	80
1140	Secretogranin I/chromogranin B is a heparin-binding adhesive protein. <b>1992</b> , 58, 1691-8	22
1139	Alpha-6 (CD 49f) integrin expression in genetic and acquired bullous skin diseases. A comparison of its distribution with bullous pemphigoid antigen. <b>1992</b> , 19, 376-84	9
1138	Role of adhesion molecules in cutaneous inflammation and neoplasia. <b>1992</b> , 19, 161-71	31
1137	Cellular interactions in the germinal center: role of adhesion receptors and significance for the pathogenesis of AIDS and malignant lymphoma. <b>1992</b> , 126, 21-45	47
1136	Distribution of adhesion receptors in recurrent oral ulcers. <b>1992</b> , 21, 199-202	18
1135	Distribution of ICAM-1, LFA-3 and HLA-DR in healthy and diseased gingival tissues. <b>1992</b> , 27, 291-8	73
1134	Growth inhibition by anchorage-deficiency is associated with increased level but reduced phosphorylation of mutant p53. <b>1992</b> , 83, 358-65	7
1133	Triflavin, an Arg-Gly-Asp-containing antiplatelet peptide inhibits cell-substratum adhesion and melanoma cell-induced lung colonization. <b>1992</b> , 83, 885-93	39
1132	VLA-4 molecules on tumor cells initiate an adhesive interaction with VCAM-1 molecules on endothelial cell surface. <b>1992</b> , 83, 1304-16	21
1131	Inhibition of cell attachment, invasion and metastasis of human carcinoma cells by anti-integrin beta 1 subunit antibody. <b>1992</b> , 83, 1317-26	86
1130	Preferential interaction of the CD4+29+/45RA-subset of human CD4+ T lymphocytes with an antibody against the cell-membrane ganglioside GD3. <b>1992</b> , 35, 421-8	8

1129	The interactions of gamma delta T cells with extracellular matrix: receptor expression and utilization patterns. <b>1992</b> , 36, 213-9	3
1128	The effect of interferon-gamma on the invasiveness of HT-180 cells. <b>1992</b> , 126, 331-6	3
1127	The distribution of alpha 6 beta 4 integrins in lesional and non-lesional skin in bullous pemphigoid. <b>1992</b> , 127, 103-11	10
1126	Migration of a human keratinocyte cell line (HACAT) to interstitial collagen type I is mediated by the alpha 2 beta 1-integrin receptor. <b>1992</b> , 98, 3-11	54
1125	Changes in expression of alpha 6/beta 4 integrin heterodimer in primary and metastatic breast cancer. <b>1992</b> , 66, 318-22	96
1124	Regeneration after acute tubular necrosis. <b>1992</b> , 41, 226-46	156
1123	Leukocyte integrin activation. <b>1992</b> , 41, 613-6	16
1122	Cellular responses to extracellular matrix. <b>1992</b> , 41, 632-40	31
1121	Wettability of cross-linked collagenous biomaterials: in vitro study. <b>1992</b> , 13, 612-6	33
1120	Intercellular adhesion molecule-1 (ICAM-1) and leukocyte function-associated antigen-1 (LFA-1) expression in human epiretinal membranes. <b>1992</b> , 230, 483-7	29
1119	Localization of the cytoadhesin integrins in the human cornea. An immunohistochemical study using monoclonal antibodies. <b>1992</b> , 230, 264-8	5
1118	Carbohydrates in the cell surface of hair cells from the guinea pig cochlea. <b>1992</b> , 249, 67-73	6
1117	Characterization and fine-structural localization of actin- and fibronectin-like proteins in planaria ( <i>Dugesia lugubris</i> s.l.). <b>1992</b> , 267, 499-506	14
1116	Characterization of macrophage-like cells in the external layers of human small and large intestine. <b>1992</b> , 270, 273-9	51
1115	An antigen expressed by avian neuronal cells is also expressed by activated T lymphocytes. <b>1992</b> , 141, 99-110	25
1114	Cultured human thymocytes lacking CD2 and CD11a/CD18 antigens are functional and adhere to endothelial cells via CD56 or CDw49d molecules. <b>1992</b> , 140, 319-30	6
1113	Inhibition of B cell proliferation by antisense DNA to both alpha and beta forms of Fc epsilon R II. <b>1992</b> , 144, 117-30	6
1112	Signaling from LFA-1 contributes signal transduction through CD2 alternative pathway in T cell activation. <b>1992</b> , 142, 145-58	10

1111	Activation of T cells through a T cell-specific epitope of CD45. <b>1992</b> , 145, 111-29	16
1110	Evidence for the presence of an integrin cell adhesion receptor on the oolemma of unfertilized human oocytes. <b>1992</b> , 31, 215-22	82
1109	Laminin stimuliert die schnelle Restitution der humanen Kolonschleimhaut nach GallenŰreschŰdigung in vitro. <b>1992</b> , 24, 364-371	4
1108	Snake venom platelet inhibitor (rhodostomin) inhibits cell-attachment. <b>1992</b> , 28A, 571-2	
1107	An in vitro model giving access to adhesion plaques. <b>1992</b> , 28A, 17-23	2
1106	Adhesion molecules and central nervous system inflammation. <b>1992</b> , 4, 201-211	32
1105	The biologic role of components of the plasminogen-plasmin system. <b>1992</b> , 34, 309-16	33
1104	Binding of glycoprotein IIIa-derived peptide 217-231 to fibrinogen and von Willebrand factors and its inhibition by platelet glycoprotein IIb/IIIa complex. <b>1992</b> , 1119, 312-21	33
1103	Identification of a putative collagen-binding protein from chicken skeletal muscle as glycogen phosphorylase. <b>1992</b> , 1122, 225-33	2
1102	Effect of microfibrillar collagen on growth and differentiation of osteoblast-like MC3T3-E1 cells. <b>1992</b> , 10, 26-30	1
1101	Squamous cell metaplasia in the human lung: molecular characteristics of epithelial stratification. <b>1991</b> , 61, 227-53	64
1100	Studies on the interaction of leucocytes and the myocardial vasculature. I. Effect of hypoxia on the adherence of blood granulocytes. <b>1992</b> , 116, 197-202	5
1099	The plasminogen-plasmin system in malignancy. <b>1992</b> , 11, 291-311	176
1098	Thrombospondin as a mediator of cancer cell adhesion in metastasis. <b>1992</b> , 11, 313-24	34
1097	Platelets and cancer metastasis: a causal relationship?. <b>1992</b> , 11, 325-51	242
1096	Dynamic nature and function of epidermal Langerhans cells in vivo and in vitro: a review, with emphasis on human Langerhans cells. <b>1992</b> , 24, 697-716	92
1095	Leukocyte integrins: structure, function and regulation of their activity. <b>1992</b> , 3, 199-210	36
1094	Disruption of the cytoskeleton-extracellular matrix linkage promotes the accumulation of plasminogen activators in F9 derived parietal endoderm. <b>1992</b> , 50, 153-62	4

1093	Localization of the cross-linking sites of RGD and KQAGDV peptides to the isolated fibrinogen receptor, the human platelet integrin glycoprotein IIb/IIIa. Influence of peptide length. <b>1992</b> , 206, 759-65	30
1092	Conformation/activity studies of rationally designed potent anti-adhesive RGD peptides. <b>1992</b> , 210, 911-21	262
1091	Three-dimensional reorganization of a cell line of papilla Vateri adenocarcinoma in various culture conditions. <b>1992</b> , 42, 15-24	
1090	Fibroblast-mediated collagen gel contraction does not require fibronectin-alpha 5 beta 1 integrin interaction. <b>1992</b> , 234, 153-60	31
1089	Elevated expression of beta 1 and beta 2 integrins, intercellular adhesion molecule 1, and endothelial leukocyte adhesion molecule 1 in the skin of patients with systemic sclerosis of recent onset. <b>1992</b> , 35, 290-8	83
1088	Adhesion in skeletal muscle during regeneration. <b>1992</b> , 15, 482-9	40
1087	Directional control of neurite outgrowth from cultured hippocampal neurons is modulated by the lectin concanavalin A. <b>1992</b> , 23, 354-63	8
1086	The role of matrix molecules in regeneration of leech CNS. <b>1992</b> , 23, 551-67	22
1085	The touch that hepatocytes seem to like. <b>1992</b> , 15, 1204-5	2
1084	Cell adhesion and growth on synthetic elastomeric matrices containing Arg-Gly-Asp-Ser-3. <b>1992</b> , 26, 393-413	104
1083	Reconstituted basement membrane influences prolactin, LH, and FSH secretion from adult and fetal adenohypophyseal cells in vitro. <b>1992</b> , 151, 180-9	14
1082	Mechanism of human keratinocyte migration on fibronectin: unique roles of RGD site and integrins. <b>1992</b> , 151, 443-50	89
1081	Switching from differentiation to growth in hepatocytes: control by extracellular matrix. <b>1992</b> , 151, 497-505	394
1080	Regulation of vascular smooth muscle cell integrin expression by transforming growth factor beta1 and by platelet-derived growth factor-BB. <b>1992</b> , 151, 588-95	75
1079	Modulation of growth factor responsiveness of murine mammary carcinoma cells by cell matrix interactions: correlation of cell proliferation and spreading. <b>1992</b> , 152, 292-301	27
1078	Beta 1 integrins isolated from embryonic chicken fibroblasts bind to monomers and polymers of type I collagen. <b>1992</b> , 152, 558-67	3
1077	Phorbol ester-induced promyelocytic leukemia cell adhesion to marrow stromal cells involves fibronectin specific alpha 5 beta 1 integrin receptors. <b>1992</b> , 153, 95-102	16
1076	Differential modulation of vascular cell integrin and extracellular matrix expression in vitro by TGF-beta 1 correlates with reciprocal effects on cell migration. <b>1992</b> , 153, 118-28	84

1075	The role of beta 1 integrin in spreading and myofibrillogenesis in neonatal rat cardiomyocytes in vitro. <b>1992</b> , 21, 87-100	56
1074	T lymphocyte adhesion to the fibronectin and laminin components of the extracellular matrix is regulated by the CD4 molecule. <b>1992</b> , 22, 7-13	21
1073	The human intraepithelial lymphocyte marker HML-1 is an integrin consisting of a beta 7 subunit associated with a distinctive alpha chain. <b>1992</b> , 22, 273-7	96
1072	Mapping of the human VLA-alpha 4 gene to chromosome 2q31-q32. <b>1992</b> , 22, 587-90	11
1071	Expression of the adhesion molecules ICAM-1 and ICAM-2 on tumor cell lines does not correlate with their susceptibility to natural killer cell-mediated cytotoxicity: evidence for additional ligands for effector cell beta integrins. <b>1992</b> , 22, 1069-74	23
1070	A single mRNA encodes the alpha 150 and alpha 80/70 forms of the alpha subunit of VLA4. <b>1992</b> , 22, 1099-102	9
1069	Both LFA-1-positive and -deficient T cell clones require the CD2/LFA-3 interaction for specific cytolytic activation. <b>1992</b> , 22, 1467-75	16
1068	Induction of homotypic T cell adhesion by triggering of leukocyte function-associated antigen-1 alpha (CD11a): differential effects on resting and activated T cells. <b>1992</b> , 22, 1851-6	23
1067	Patterns of growth and differentiation in the colon carcinoma cell line LIM 1863. <b>1992</b> , 50, 752-9	16
1066	Increased expression of alpha IIb beta 3 integrin in subpopulations of murine melanoma cells with high lung-colonizing ability. <b>1992</b> , 51, 445-51	47
1065	Expression of leucocyte adhesion molecules at the human blood-brain barrier (BBB). <b>1992</b> , 31, 365-74	83
1064	Expression of multiple integrins and extracellular matrix components by C6 glioma cells. <b>1992</b> , 31, 470-8	16
1063	Immunohistochemical localization of beta 1-integrins in anterior cruciate and medial collateral ligaments of human and rabbit. <b>1992</b> , 10, 596-9	18
1062	Identification of integrin cell-substratum adhesion receptors on cultured rat bone cells. <b>1992</b> , 10, 766-73	53
1061	Morphoregulation. <b>1992</b> , 193, 2-10	104
1060	Antibodies to beta 1-integrins cause alterations of aortic vasculogenesis, in vivo. <b>1992</b> , 193, 83-91	111
1059	Molecular aspects of tumor cell invasion and metastasis. <b>1993</b> , 71, 1368-83	414
1058	Neutrophil integrin assay for clinical studies. <b>1993</b> , 11, 87-91	24



1057	Expression and accumulation of interstitial collagen in the neonatal rat heart. <b>1993</b> , 236, 511-20	64
1056	Presence of estrogen-binding sites on macrophage-like synoviocytes and CD8+, CD29+, CD45RO+ T lymphocytes in normal and rheumatoid synovium. <b>1993</b> , 36, 1087-97	79
1055	Failure to make normal alpha ryanodine receptor is an early event associated with the crooked neck dwarf (cn) mutation in chicken. <b>1993</b> , 197, 169-88	33
1054	Familial genetic defect in a case of leukocyte adhesion deficiency. <b>1993</b> , 2, 458-67	15
1053	Polarization of the alpha 6 beta 4 integrin in ovarian carcinomas. <b>1993</b> , 54, 261-7	46
1052	Integrin receptors and platelet adhesion to synthetic surfaces. <b>1993</b> , 27, 683-95	42
1051	Biosynthesis and function of membrane bound and secreted forms of recombinant CD11b/CD18 (Mac-1). <b>1993</b> , 52, 183-95	13
1050	Type I collagen substrate increases calcitonin and parathyroid hormone receptor-mediated signal transduction in UMR 106-06 osteoblast-like cells. <b>1993</b> , 156, 130-7	27
1049	Intercellular adhesion molecule-1 concentration in sera of patients with acute and chronic liver disease: relationship to disease activity and cirrhosis. <b>1993</b> , 18, 798-802	53
1048	Treatment with anti-CR3 antibodies ED7 and ED8 suppresses experimental allergic encephalomyelitis in Lewis rats. <b>1993</b> , 23, 709-15	87
1047	The human keratinocyte two-dimensional gel protein database: update 1993. <b>1993</b> , 14, 1091-198	63
1046	Fimbrin localized to an insoluble cytoskeletal fraction is constitutively phosphorylated on its headpiece domain in adherent macrophages. <b>1993</b> , 25, 223-33	57
1045	Computerized analysis of tumor cells flowing in a parallel plate chamber to determine their adhesion stabilization lag time. <b>1993</b> , 26, 88-98	26
1044	Significance of in vitro attachment of human colon cancers to extracellular matrix proteins in experimental and clinical liver metastases. <b>1993</b> , 53, 10-5; discussion 15-6	10
1043	Irrigation does not dislodge or destroy tumor cells adherent to the tumor bed. <b>1993</b> , 53, 184-90	26
1042	Expression of new phenotypic markers in cholangiocarcinoma and putative precursor lesions. <b>1993</b> , 3, 173-4	4
1041	Distribution of integrins and their matrix ligands in osteogenic sarcomas. <b>1993</b> , 11, 386-95	15
1040	Phagocyte recognition of cells undergoing apoptosis. <b>1993</b> , 14, 131-6	900

1039	Molecular and cellular biology of integrins. <b>1993</b> , 15, 149-71	24
1038	Integrins: cell adhesives and modulators of cell function. <b>1993</b> , 25, 469-77	69
1037	Adhesion molecules in a primate model of allergic asthma: clinical implications for respiratory care. <b>1993</b> , 15, 75-88	5
1036	Involvement of fibronectin during epiboly and gastrulation in embryos of the common carp, <i>Cyprinus carpio</i> . <b>1993</b> , 202, 152-158	6
1035	Effects of 1 alpha,25-dihydroxy-vitamin D3 and calcipotriol on organotypic cultures of outer root sheath cells: a potential model to evaluate antipsoriatic drugs. <b>1993</b> , 285, 402-9	11
1034	Monoclonal antibody 4C7 recognizes an endothelial basement membrane component that is selectively expressed in capillaries of lymphoid follicles. <b>1993</b> , 170, 121-8	17
1033	The specificity of integrin-ligand interactions in cultured human renal epithelium. <b>1993</b> , 170, 297-303	7
1032	Patterns of integrin common chain beta 1 and collagen IV immunoreactivity in hepatocellular carcinoma. Correlations with tumour growth rate, grade and size. <b>1993</b> , 171, 5-11	24
1031	Crystallization and preliminary X-ray diffraction data of two heparin-binding fragments of human fibronectin. <b>1993</b> , 16, 43-7	8
1030	Modeling the alpha IIb beta 3 integrin solution conformation. <b>1993</b> , 2, 2154-66	18
1029	Immune modulation of biologic systems in renal somatic cells. <b>1993</b> , 43, 128-34	2
1028	Decreased adhesion to endothelial cells and matrix proteins of H-2Kb gene transfected tumour cells. <b>1993</b> , 68, 862-7	10
1027	Expression of functional alpha 4 beta 1 integrin by human dermal fibroblasts. <b>1993</b> , 100, 323-8	42
1026	Physically damaged extracellular matrix induces TNF-alpha secretion by interacting resting CD4+ T cells and macrophages. <b>1993</b> , 37, 111-5	33
1025	Melanocyte movement in vitro: role of matrix proteins and integrin receptors. <b>1993</b> , 101, 605-8	50
1024	Up-regulation of alpha 4 integrin on activated Langerhans cells: analysis of adhesion molecules on Langerhans cells relating to their migration from skin to draining lymph nodes. <b>1993</b> , 100, 143-7	52
1023	Increased CD11/CD18 expression on the peripheral blood leucocytes of patients with HIV disease: relationship to disease severity. <b>1993</b> , 93, 344-9	30
1022	Immunohistochemical evaluation of epidermis overlying basal cell carcinomas. <b>1993</b> , 128, 644-9	14

1021	The expression of invasive behavior of differentiated squamous carcinoma cell line evaluated by an in vitro invasion model. <b>1993</b> , 84, 409-18	45
1020	Enrichment of vitronectin- and fibronectin-like proteins in NaCl-adapted plant cells and evidence for their involvement in plasma membrane-cell wall adhesion. <b>1993</b> , 3, 637-646	88
1019	Cell adhesion molecules in inflammatory and neoplastic skin diseases. <b>1993</b> , 2, 94-112	6
1018	Production of a human monoclonal antibody to normal basal and squamous cell carcinoma-associated antigen. <b>1993</b> , 22, 451-8	1
1017	Expression of epidermal integrins in human organotypic keratinocyte cultures. <b>1993</b> , 2, 196-203	6
1016	The wounded dermal equivalent offers a simplified model for studying wound repair in vitro. <b>1993</b> , 2, 266-73	16
1015	A role of VLA-6 laminin receptor in invasion of breast carcinoma. <b>1993</b> , 43, 662-9	3
1014	Neuronophagia in the motor cortex in amyotrophic lateral sclerosis. <b>1993</b> , 19, 390-7	36
1013	Correlation of VLA-4 integrin expression with metastatic potential in various human tumour cell lines. <b>1993</b> , 52, 239-46	37
1012	Different isoforms and stock-specific variants of the cell adhesion molecule C-CAM (cell-CAM 105) in rat liver. <b>1993</b> , 213, 1109-16	36
1011	Interaction of type IV collagen with the isolated integrins alpha 1 beta 1 and alpha 2 beta 1. <b>1993</b> , 215, 151-9	183
1010	ADP-stimulated fibrinogen binding is necessary for some of the inositol phospholipid changes found in ADP-stimulated platelets. <b>1993</b> , 216, 231-7	3
1009	Interferon-gamma up-regulates a unique set of proteins in human keratinocytes. Molecular cloning and expression of the cDNA encoding the RGD-sequence-containing protein IGUP I-5111. <b>1993</b> , 218, 421-30	48
1008	Anti-fibrinogen antibody mediates fibrinogen binding to platelet membrane glycoprotein IIb-IIIa. <b>1993</b> , 85, 341-7	2
1007	Identification of a nonsense mutation at amino acid 584-arginine of platelet glycoprotein IIb in patients with type I Glanzmann thrombasthenia. <b>1993</b> , 83, 442-9	26
1006	Fibronectin, cartilage, and osteoarthritis. <b>1993</b> , 22, 307-18	40
1005	Beta 1-integrins of spermatozoa: a flow cytophotometric analysis. <b>1993</b> , 16, 105-11	28
1004	The plant cytoskeleton-cell-wall continuum. <b>1993</b> , 3, 413-7	160

1003	Interleukin-2 receptor alpha chain on acute myelocytic leukemia cells is involved in cell-to-cell interactions. <b>1993</b> , 17, 17-21	9
1002	Evaluation of transmembrane helix prediction methods using the recently defined NMR structures of the coat proteins from bacteriophages M13 and Pf1. <b>1993</b> , 1202, 161-8	22
1001	Adhesion molecules in normal human conjunctiva. An immunohistological study using monoclonal antibodies. <b>1993</b> , 231, 323-30	21
1000	Adhesion molecules and their role in cancer metastasis. <b>1993</b> , 23, 3-89	38
999	Extracellular matrix components affect the pattern of protein synthesis of endothelial cells responding to hyperthermia. <b>1993</b> , 29A, 768-72	11
998	IGF binding proteins and their functions. <b>1993</b> , 35, 368-74; discussion 374-5	133
997	Tissue engineering. <b>1993</b> , 260, 920-6	8387
996	Beta 2 integrin engagement triggers actin polymerization and phosphatidylinositol trisphosphate formation in non-adherent human neutrophils. <b>1993</b> , 123, 1597-605	65
995	Basement membranes during development of human nerve: Schwann cells and perineurial cells display marked changes in their expression profiles for laminin subunits and beta 1 and beta 4 integrins. <b>1993</b> , 22, 215-30	62
994	Platelet interactions with the vessel wall and prosthetic grafts. <b>1993</b> , 7, 200-7	8
993	Thalidomide derivatives and the immune system. I. Changes in the pattern of integrin receptors and other surface markers on T lymphocyte subpopulations of marmoset blood. <b>1993</b> , 67, 1-17	57
992	Molecular design of artificial fibrin glue. <b>1993</b> , 1, 37-43	10
991	Current pathogenetic and molecular concepts in viral liver carcinogenesis. <b>1993</b> , 63, 71-89	33
990	Cellular biology of bone resorption. <b>1993</b> , 68, 197-264	50
989	Role of marginal stress fibers formed in the rat vascular endothelial cells. <b>1993</b> , 25, 825-31	5
988	Tetra fibrin: a nonpeptidic fibrinogen receptor inhibitor from <i>Streptomyces neyagawaensis</i> (I). Its GPIIb/IIIa blockage on solid phase binding assay. <b>1993</b> , 72, 389-400	15
987	Tetra fibrin: a nonpeptidic fibrinogen receptor inhibitor from <i>Streptomyces neyagawaensis</i> (II). Its antiplatelet activities. <b>1993</b> , 72, 401-12	17
986	Modulation of alpha 1 beta 1, alpha 2 beta 1 and alpha 3 beta 1 integrin heterodimers during human neuroblastoma cell differentiation. <b>1993</b> , 332, 263-7	23

985	Adhesive interactions of neutrophils and leukotriene synthesis. <b>1993</b> , 336, 201-4	10
984	Evidence for the existence of hyaluronectin-binding proteins in the plasma membranes. <b>1993</b> , 336, 511-5	6
983	Protein kinase C: a key factor in the regulation of tumor cell adhesion to the endothelium. <b>1993</b> , 45, 527-37	31
982	Formation of sulphidopeptide-leukotrienes by cell-cell interaction causes coronary vasoconstriction in isolated, cell-perfused heart of rabbit. <b>1993</b> , 110, 1206-12	51
981	Isolation of the cDNA and chromosomal localization of the gene (TAX1) encoding the human axonal glycoprotein TAG-1. <b>1993</b> , 18, 562-7	26
980	Sepsis syndrome and septic shock in pediatrics: current concepts of terminology, pathophysiology, and management. <b>1993</b> , 123, 497-508	148
979	Distribution of integrin cell adhesion receptors on normal bronchial epithelial cells and lung cancer cells in vitro and in vivo. <b>1993</b> , 8, 562-72	82
978	Attachment factors of Bordetella pertussis: mimicry of eukaryotic cell recognition molecules. <b>1993</b> , 1, 192-6	29
977	Depletion of intracellular potassium disrupts coated pits and reversibly inhibits cell polarization during fibroblast spreading. <b>1993</b> , 120, 1449-59	56
976	Sequence of a cDNA encoding the beta 4 subunit of murine integrin. <b>1993</b> , 130, 209-16	20
975	Complementary distributions of vinculin and dystrophin define two distinct sarcolemma domains in smooth muscle. <b>1993</b> , 120, 1159-67	151
974	Pathological diagnosis of osteosarcoma: the validity of the subclassification and some new diagnostic approaches using immunohistochemistry. <b>1993</b> , 62, 109-24	5
973	Dynamic light scattering studies of alpha IIb beta 3 solution conformation. <b>1993</b> , 32, 3935-41	42
972	The Developmental Role of the Extracellular Matrix Suggests a Monophyletic Origin of the Kingdom Animalia. <b>1993</b> , 47, 152	27
971	Biologically active Arg-Gly-Asp oligopeptides assume a type II beta-turn in solution. <b>1993</b> , 32, 268-73	54
970	Development of the murine periodontium. I. Role of basement membrane in formation of a mineralized tissue on the developing root dentin surface. <b>1993</b> , 64, 95-102	41
969	Development of the murine periodontium. II. Role of the epithelial root sheath in formation of the periodontal attachment. <b>1993</b> , 64, 285-91	56
968	Corneal and ocular surface histochemistry. <b>1993</b> , 25, 1-60	14

967	Vla-3 distribution in normal and neoplastic non-lymphoid human tissues. <b>1993</b> , 189, 387-93	9
966	Association of the actin cytoskeleton with glass-adherent proteins in mouse peritoneal macrophages. <b>1993</b> , 77, 219-30	9
965	Expression of beta-1 integrins on tumor cells of invasive ductal breast carcinoma. <b>1993</b> , 189, 979-84	16
964	Chapter 3 Mechanisms of thrombus formation and dissolution. <b>1993</b> , 2, 23-31	21
963	Lymphocyte adhesion mediated by integrins. <b>1993</b> , 144, 709-22; discussion 754-62	8
962	Extracellular matrix proteins with neurite promoting activity and their receptors. <b>1993</b> , 17, 1-8	23
961	12(S)-HETE-induced microvascular endothelial cell retraction results from PKC-dependent rearrangement of cytoskeletal elements and alpha V beta 3 integrins. <b>1993</b> , 45, 249-67	41
960	Study of fibroblast spreading: pH dependence, involvement of the Na <sup>+</sup> /H <sup>(+)</sup> -antiporter and PKC. <b>1993</b> , 1178, 267-72	4
959	Cell adhesion molecule expression in the regenerating rat facial nucleus. <b>1993</b> , 45, 203-6	40
958	Localization of alpha 2, alpha 5 and alpha 6 integrin subunits in human endometrium, decidua and trophoblast. <b>1993</b> , 51, 217-26	48
957	Adhesion molecule expression in acute and fibrotic sympathetic ophthalmia. <b>1993</b> , 12, 923-34	33
956	Cloning and characterization of alpha PS1, a novel <i>Drosophila melanogaster</i> integrin. <b>1993</b> , 43, 21-36	47
955	Integrins and their ligands. <b>1993</b> , 184, 7-35	134
954	Integrins in point contacts mediate cell spreading: factors that regulate integrin accumulation in point contacts vs. focal contacts. <b>1993</b> , 120, 261-71	136
953	Integrins: Structure, Function, and Biological Properties. <b>1993</b> , 225-252	49
952	Glial boundaries in the developing nervous system. <b>1993</b> , 16, 445-70	167
951	Regulation of in vitro capillary tube formation by anti-integrin antibodies. <b>1993</b> , 121, 931-43	181
950	Brainstem and other malignant gliomas: II. Possible mechanisms of brain infiltration by tumor cells. <b>1993</b> , 8, 292-305	10

949	A large alteration in the human platelet glycoprotein IIIa (integrin beta 3) gene associated with Glanzmann's thrombasthenia. <b>1993</b> , 2, 2183-5	21
948	Inhibition of neural crest cell attachment by integrin antisense oligonucleotides. <b>1993</b> , 259, 692-5	99
947	Involvement of cellular adhesion sequences in the attachment of adenovirus to the HeLa cell surface. <b>1993</b> , 74 ( Pt 8), 1485-97	64
946	Human osteosarcoma cells, tumorigenic in nude-mice, express beta(1)-integrins and low-levels of alkaline-phosphatase activity. <b>1993</b> , 3, 963-9	7
945	Myth of tumor immunology (review). <b>1993</b> , 3, 645-53	
944	The involvement of adhesion molecules in the biology of multiple myeloma. <b>1993</b> , 9, 441-52	51
943	Altering vessel wall fatty acid metabolism: a new strategy for antithrombotic treatment. <b>1993</b> , 19, 149-57	2
942	The extracellular matrix of reparative tissue in the vitreous: fibronectin production in proliferative diabetic retinopathy membranes. <b>1993</b> , 7 ( Pt 2), 288-92	17
941	Elevated levels of bronchoalveolar lavage vitronectin in hypersensitivity pneumonitis. <b>1993</b> , 147, 332-7	22
940	Identification and characterization of novel airway epithelial integrins. <b>1993</b> , 148, S38-42	13
939	The integrin alpha 4 beta 1 and its counter receptor VCAM-1 in development and immune function. <b>1993</b> , 148, S43-6	15
938	Adjunctive therapy for bacterial meningitis: rationale for use, current status, and prospects for the future. <b>1993</b> , 17 Suppl 2, S537-49	29
937	Expression of human CD18 in murine granulocytes and improved efficiency for infection of deficient human lymphoblasts. <b>1993</b> , 4, 25-34	8
936	Role of intracellular Ca <sup>2+</sup> levels in the regulation of CD11a/CD18 mediated cell adhesion. <b>1993</b> , 1, 21-32	43
935	A monoclonal antibody to the alpha 2 integrin subunit cross-reacts with RGD-dependent epitopes in fibrinogen. <b>1993</b> , 12, 467-74	1
934	Expression of adhesion molecules and c-kit on CD34+ hematopoietic progenitor cells: comparison of cytokine-mobilized blood stem cells with normal bone marrow and peripheral blood. <b>1993</b> , 2, 483-9	56
933	"Trans-differentiation" from epidermal to mesenchymal/myogenic phenotype is associated with a drastic change in cell-cell and cell-matrix adhesion molecules. <b>1993</b> , 120, 981-93	35
932	Effect of endothelin-1 on neutrophil adhesion to endothelial cells and perfused heart. <b>1993</b> , 88, 1166-71	175

931	The beta 4 subunit cytoplasmic domain mediates the interaction of alpha 6 beta 4 integrin with the cytoskeleton of hemidesmosomes. <b>1993</b> , 4, 871-84	114
930	Interaction of integrins alpha 3 beta 1 and alpha 2 beta 1: potential role in keratinocyte intercellular adhesion. <b>1993</b> , 120, 523-35	199
929	A subpopulation of Mac-1 (CD11b/CD18) molecules mediates neutrophil adhesion to ICAM-1 and fibrinogen. <b>1993</b> , 120, 545-56	440
928	The I domain is a major recognition site on the leukocyte integrin Mac-1 (CD11b/CD18) for four distinct adhesion ligands. <b>1993</b> , 120, 1031-43	463
927	Expression and functional analysis of a cytoplasmic domain variant of the beta 1 integrin subunit. <b>1993</b> , 121, 171-8	90
926	Protein kinase C-dependent effects of 12(S)-HETE on endothelial cell vitronectin receptor and fibronectin receptor. <b>1993</b> , 121, 689-704	53
925	Functional role of the cytoplasmic domain of the integrin alpha 5 subunit. <b>1993</b> , 122, 209-21	86
924	Expression of components of the insulin-like growth factor system in pig mammary glands and serum during pregnancy and pseudopregnancy: effects of oestrogen. <b>1993</b> , 137, 473-83	39
923	Altered glycosylation of integrin adhesion molecules in colorectal cancer cells and decreased adhesion to the extracellular matrix. <b>1993</b> , 34, 829-36	49
922	Evidence for the selective association of a subpopulation of GPIIb-IIIa with the actin cytoskeletons of thrombin-activated platelets. <b>1993</b> , 121, 1329-42	30
921	Integrin-cytoskeletal interactions in migrating fibroblasts are dynamic, asymmetric, and regulated. <b>1993</b> , 123, 977-91	296
920	Alpha IIb beta 3 integrin dissociation induced by EDTA results in morphological changes of the platelet surface-connected canalicular system with differential location of the two separate subunits. <b>1993</b> , 120, 1021-30	39
919	Expression of E-cadherin in immature rat and mouse testis and in rat Sertoli cell cultures. <b>1993</b> , 49, 1353-61	55
918	Sequence analysis of the parsnip yellow fleck virus polyprotein: evidence of affinities with picornaviruses. <b>1993</b> , 74 ( Pt 4), 555-61	29
917	Transforming growth factor beta enhances integrin expression and type IV collagenase secretion in human monocytes. <b>1993</b> , 90, 4577-81	180
916	Distinct functions of integrin alpha and beta subunit cytoplasmic domains in cell spreading and formation of focal adhesions. <b>1993</b> , 122, 223-33	209
915	Axonal regulation of Schwann cell integrin expression suggests a role for alpha 6 beta 4 in myelination. <b>1993</b> , 123, 1223-36	174
914	Immunochemical localization of integrin subunits in the human placenta. <b>1993</b> , 171, 167-83	1



913	Chapter 9. Glycoprotein IIb IIIa Antagonists. <b>1993</b> , 28, 79-88	36
912	THE DEVELOPMENTAL ROLE OF THE EXTRACELLULAR MATRIX SUGGESTS A MONOPHYLETIC ORIGIN OF THE KINGDOM ANIMALIA. <b>1993</b> , 47, 152-165	35
911	Cell Interactions in Neural Crest Cell Migration. <b>1993</b> , 2, 119-152	6
910	Some Aspects of Inborn and Acquired connective Tissue Diseases: A Special Emphasis on Renal Disease. <b>1993</b> , 271-292	1
909	Evidence of beta 1 integrins and fibronectin on spermatogenic cells in human testis. <b>1993</b> , 8, 1873-8	66
908	Biosynthesis, surface expression and function of the fibronectin receptor after rat liver cell transformation to tumorigenicity. <b>1993</b> , 291 ( Pt 1), 247-55	3
907	Regulation of ligand binding to glycoprotein IIb-IIIa (integrin alpha IIb beta 3) in isolated platelet membranes. <b>1993</b> , 292 ( Pt 3), 749-58	29
906	An echistatin C-terminal peptide activates GPIIbIIIa binding to fibrinogen, fibronectin, vitronectin and collagen type I and type IV. <b>1993</b> , 293 ( Pt 1), 263-7	34
905	Dendroaspis: a potent integrin receptor inhibitor from the venoms of Dendroaspis viridis and D. jamesonii. <b>1993</b> , 21, 73S	27
904	Maximal migration of human smooth muscle cells on fibronectin and type IV collagen occurs at an intermediate attachment strength. <b>1993</b> , 122, 729-37	519
903	High-affinity self-reactive human antibodies by design and selection: targeting the integrin ligand binding site. <b>1993</b> , 90, 10003-7	83
902	Post-ischaemic cardiac dilatation and remodelling: reperfusion injury of the interstitium. <b>1993</b> , 14 Suppl A, 27-32	6
901	Beta-1 integrin cell adhesion molecules in the endometrium of fertile and infertile women. <b>1993</b> , 8, 1223-30	88
900	Purification and characterization of a lectin-like substance from silkworm faeces. <b>1993</b> , 18, 161-71	7
899	Regional localization of the human vitronectin receptor alpha subunit gene (VNRA) to chromosome 2q31-->q32. <b>1993</b> , 62, 26-8	5
898	Submembranous junctional plaque proteins include potential tumor suppressor molecules. <b>1993</b> , 123, 1049-53	166
897	Bacterial internalization mediated by beta 1 chain integrins is determined by ligand affinity and receptor density.. <b>1993</b> , 12, 1887-1895	124
896	Mechanochemical Transduction across Extracellular Matrix and through the Cytoskeleton. <b>1993</b> , 61-79	11

895	The Structural Basis of Integrin-Ligand (RGD) Interaction. <b>1994</b> , 1-32	4
894	LEUCOCYTE ADHESION MOLECULES AND ALCOHOLIC LIVER DISEASE. <b>1994</b> ,	
893	Influence of mouse peritoneal macrophages on cartilage matrix and integrins in vitro. A morphological study. <b>1994</b> , 62, 252-61	3
892	Molecular and biological characterization of fusion regulatory proteins (FRPs): anti-FRP mAbs induced HIV-mediated cell fusion via an integrin system.. <b>1994</b> , 13, 2044-2055	54
891	Molecular plasticity of adult Bergmann fibers is associated with radial migration of grafted Purkinje cells. <b>1994</b> , 14, 124-33	189
890	Integrin-mediated adhesive properties of uroepithelial cells are inhibited by treatment with bacterial toxins. <b>1994</b> , 266, C1552-9	9
889	Soluble alpha v beta 3-integrin ligands raise [Ca <sup>2+</sup> ] <sub>i</sub> in rat osteoclasts and mouse-derived osteoclast-like cells. <b>1994</b> , 266, C376-81	74
888	Bacterial Adhesion to Cells and Tissues. <b>1994</b> ,	120
887	Expression of a beta 1-related integrin by oligodendroglia in primary culture: evidence for a functional role in myelination. <b>1994</b> , 124, 1039-46	47
886	EDTA dependent pseudothrombocytopenia caused by antibodies against the cytoadhesive receptor of platelet gpIIb-IIIa. <b>1994</b> , 47, 625-30	54
885	Stress Fiber Dependent Axial Organization of Fibronectin Fibrils in the Basal Lamina of the Chick Aorta and Mesenteric Artery. <b>1994</b> , 2, 35-47	8
884	Cellular tensegrity: exploring how mechanical changes in the cytoskeleton regulate cell growth, migration, and tissue pattern during morphogenesis. <b>1994</b> , 150, 173-224	335
883	A Higher Plant Extracellular Vitronectin-Like Adhesion Protein Is Related to the Translational Elongation Factor-1a. <b>1994</b> , 6, 393	1
882	EXPRESSION OF BETA-1 INTEGRIN IN HUMAN GASTRIC CARCINOMAS - CORRELATION WITH HISTOLOGICAL TYPE AND TUMOR PROGRESSION. <b>1994</b> , 5, 225	
881	Fibronectin and fibronectin-receptors of the integrin type in normal colon mucosa, adenoma and carcinoma. <b>1994</b> , 5, 1315-23	1
880	Adhesion strength of human ligament fibroblasts. <b>1994</b> , 116, 237-42	46
879	Cloning and characterization of the promoter region of the murine alpha-4 integrin subunit. <b>1994</b> , 13, 743-54	21
878	Distribution of integrin subunits in normal human kidney. <b>1994</b> , 2, 159-67	34

877	Electrically conducting polymers can noninvasively control the shape and growth of mammalian cells. <b>1994</b> , 91, 3201-4	448
876	Extracellular Ca <sup>2+</sup> modulates leukocyte function-associated antigen-1 cell surface distribution on T lymphocytes and consequently affects cell adhesion. <b>1994</b> , 124, 1061-70	125
875	Cell adhesion molecules in oesophageal epithelium. <b>1994</b> , 35, 1343-7	17
874	Direct interaction of v-Src with the focal adhesion kinase mediated by the Src SH2 domain. <b>1994</b> , 5, 413-21	292
873	A higher plant extracellular vitronectin-like adhesion protein is related to the translational elongation factor-1 alpha. <b>1994</b> , 6, 393-404	90
872	Differential expression of the cell adhesion molecules ICAM-1, VCAM-1, and E-selectin in normal and posttransplantation myocardium. Cell adhesion molecule expression in human cardiac allografts. <b>1994</b> , 89, 1760-8	64
871	Basal detachment of the epidermis using dispase: tissue spatial organization and fate of integrin alpha 6 beta 4 and hemidesmosomes. <b>1994</b> , 102, 111-7	36
870	The binding of acute myeloid leukemia blast cells to human endothelium. <b>1994</b> , 16, 19-29	9
869	Cutaneous Leukocyte Trafficking and Psoriasis. <b>1994</b> , 130, 494	18
868	Symposien und Plenarvorträge (Seite 349 B78). <b>1994</b> , 18, 349-378	
867	Hepatocyte-matrix interactions. <b>1994</b> , 35, 729-32	35
866	Circulating fibronectin and fibronectin receptor in children with pertussis. <b>1994</b> , 47, 793-5	1
865	Molekularpathologie der proliferierenden Prostatazelle. <b>1994</b> , 25, 258-267	1
864	Further studies on the interaction of migrating keratinocytes with fibrinogen. <b>1994</b> , 2, 299-308	6
863	Effects of beta subunit cytoplasmic domain deletions on the recruitment of the integrin alpha v beta 6 to focal contacts. <b>1994</b> , 2, 101-13	23
862	Inhibition of cell adhesion to lens capsule by LCM 1910, an RGD-derived peptide. <b>1994</b> , 10, 623-32	9
861	Bioadhesion and cell behavior. <b>1994</b> , 2, 241-250	5
860	The role of extracellular matrix in human astrocytoma migration and proliferation studied in a microliter scale assay. <b>1994</b> , 12, 405-15	98

859	The integrin $\alpha_5\beta_1$ as an antithrombotic target. <b>1994</b> , 1, 537-548	9
858	The fibronectin receptor, alpha subunit (Itga5) maps to murine chromosome 15, distal to D15Mit16. <b>1994</b> , 5, 456-7	3
857	Role of the extracellular matrix in the degradation of connective tissue. <b>1994</b> , 287, 107-14	49
856	Three-dimensional structure of echistatin and dynamics of the active site. <b>1994</b> , 4, 307-24	16
855	Synchronous appearance of fibronectin, integrin alpha 5 beta 1, vinculin and actin in epithelial cells and fibroblasts during rat tracheal wound healing. <b>1994</b> , 425, 425-34	24
854	Cellular and substrate adhesion molecules (integrins) and their ligands in cerebral amyloid plaques in Alzheimer's disease. <b>1994</b> , 424, 421-7	67
853	Distribution of C-CAM in developing oral tissues. <b>1994</b> , 190, 251-61	4
852	Influence of medium and cold pretreatment on androgenetic response in <i>Lolium perenne</i> L. <b>1994</b> , 13, 594-600	12
851	Extracellular matrix proteins, integrin receptors (VLA-beta 1, VLA-alpha 2 and VLA-alpha 5) and growth fraction in atypical macroregenerative nodules of the liver: an immunocytochemical case study. <b>1994</b> , 102, 29-36	3
850	Mapping of the alpha-subunit of the fox fibronectin receptor (FNRA) to chromosome 8. <b>1994</b> , 5, 119-20	6
849	Mechanical signalling, calcium and plant form. <b>1994</b> , 26, 1329-41	155
848	The rotating disc as a device to study the adhesive properties of endothelial cells under differential shear stresses. <b>1994</b> , 5, 361-367	17
847	Pharmacophore refinement of gpIIb/IIIa antagonists based on comparative studies of antiadhesive cyclic and acyclic RGD peptides. <b>1994</b> , 8, 709-30	53
846	Cytokinin induces the developmentally restricted synthesis of an extracellular protein in <i>Physcomitrella patens</i> . <b>1994</b> , 5, 21-31	8
845	Expression and distribution of functional integrins in rat CNS glia. <b>1994</b> , 39, 436-47	53
844	Identification of integrin receptors on cultured human bone cells. <b>1994</b> , 12, 384-94	86
843	TGF beta 1 regulation of collagen metabolism by embryonic palate mesenchymal cells. <b>1994</b> , 270, 189-201	33
842	The pharmacology of the integrins. <b>1994</b> , 14, 195-228	115

841	The distribution of cellular adhesion molecules in pigmented skin lesions. <b>1994</b> , 73, 2131-9	18
840	Fluorescein derivatization of fibrinogen for flow cytometric analysis of fibrinogen binding to platelets. <b>1994</b> , 17, 287-93	23
839	Transformation and tumor progression are frequently associated with expression of the alpha 3/beta 1 heterodimer in solid tumors. <b>1994</b> , 58, 488-91	37
838	Loss of polarity and de novo expression of the beta 1 family of integrins in thyroid tumors. <b>1994</b> , 59, 185-90	19
837	Insulin-like growth factor-binding protein enhancement of insulin-like growth factor-I (IGF-I)-mediated DNA synthesis and IGF-I binding in a human breast carcinoma cell line. <b>1994</b> , 158, 69-78	134
836	Effects of fibronectin on actin organization and respiratory burst activity in neutrophils, monocytes, and macrophages. <b>1994</b> , 158, 347-53	31
835	Psoriatic lesions in patients with chronic liver disease are distinct from psoriasis vulgaris lesions, as judged on basis of integrin adhesion receptors. <b>1994</b> , 20, 56-65	34
834	Biointerface Materials for Cellular Adhesion: Recent Progress and Future Prospects. <b>2020</b> , 9, 137	0
833	Sequence-Dependent Bioactivity and Self-Assembling Properties of RGD-Containing Amphiphilic Peptides as Extracellular Scaffolds.. <b>2020</b> , 3, 3605-3611	6
832	Targeting of peptide-binding receptors on cancer cells with peptide-drug conjugates. <b>2020</b> , 112, e24171	12
831	Tensile force transmitted through LFA-1 bonds mechanoregulate neutrophil inflammatory response. <b>2020</b> , 108, 1815-1828	8
830	Probing the recognition specificity of Integrin and syndecan-4 using force spectroscopy. <b>2020</b> , 137, 102888	2
829	A Novel Fluorescent Reporter System Identifies Laminin-511/521 as Potent Regulators of Cardiomyocyte Maturation. <i>Scientific Reports</i> , <b>2020</b> , 10, 4249	4.9 14
828	A Penicillin Derivative Exerts an Anti-Metastatic Activity in Melanoma Cells Through the Downregulation of Integrin $\alpha 5 \beta 1$ and Wnt/ $\beta$ Catenin Pathway. <b>2020</b> , 11, 127	6
827	Matrix stiffness-sensitive long noncoding RNA NEAT1 seeded paraspeckles in cancer cells. <b>2020</b> , 31, 1654-1662	7
826	AFM Force Spectroscopy Reveals the Role of Integrins and Their Activation in Cell-Biomaterial Interactions.. <b>2020</b> , 3, 1406-1417	6
825	Mechanical sensing protein PIEZO1 regulates bone homeostasis via osteoblast-osteoclast crosstalk. <i>Nature Communications</i> , <b>2020</b> , 11, 282	17.4 88
824	Aberrant ETS-1 signalling impedes the expression of cell adhesion molecules and matrix metalloproteinases in non-segmental vitiligo. <b>2020</b> , 29, 539-547	3

- 823 Downregulation of the v6 Integrin via RGD Engagement Is Affinity and Time Dependent. **2021**, 376, 273-280 2
- 822 How not to discover a drug - integrins. **2021**, 16, 197-211 2
- 821 The impact of translational research on the development of therapeutic agents for multiple sclerosis. **2021**, 203-242
- 820 Chloroalkene dipeptide isosteres as peptidomimetics. **2021**, 656, 191-239 0
- 819 Encyclopedia of Molecular Pharmacology. **2021**, 1-10
- 818 Cytosolic protein delivery via metabolic glycoengineering and bioorthogonal click reactions. **2021**, 9, 4639-4647 3
- 817 Biomechanical regulation of endothelial function in atherosclerosis. **2021**, 3-47 1
- 816 Harnessing the power of foot-and-mouth-disease virus for targeting integrin alpha-v beta-6 for the therapy of cancer. **2021**, 16, 737-744 3
- 815 Combinatorial mathematical modelling approaches to interrogate rear retraction dynamics in 3D cell migration. **2021**, 17, e1008213 2
- 814 A High-Resolution Ternary Model Demonstrates How PEGylated 2D Nanomaterial Stimulates Integrin  $\alpha$ 5 $\beta$ 1 Cell Membrane. **2021**, 8, e2004506 3
- 813 Mechanistic insights of snake venom disintegrins in cancer treatment. **2021**, 899, 174022 4
- 812 The Integrin Signaling Network Promotes Axon Regeneration via the Src-Ephexin-RhoA GTPase Signaling Axis. **2021**, 41, 4754-4767 3
- 811 ECM-integrin signalling instructs cellular position-sensing to pattern the early mouse embryo.
- 810 Anti-Integrins for the Treatment of Inflammatory Bowel Disease: Current Evidence and Perspectives. **2021**, 14, 333-342 3
- 809 Emerging therapeutic opportunities for integrin inhibitors. **2021**, 30
- 808 Effects of physicochemical properties of polyacrylamide (PAA) and (polydimethylsiloxane) PDMS on cardiac cell behavior. **2021**, 17, 1156-1172 5
- 807 Towards understanding the messengers of extracellular space: Computational models of outside-in integrin reaction networks. **2021**, 19, 303-314 4
- 806 An Injectable Nano-Enabled Thermogel to Attain Controlled Delivery of p11 Peptide for the Potential Treatment of Ocular Angiogenic Disorders of the Posterior Segment. **2021**, 13, 3

805	Activation states of blood eosinophils in asthma. <b>2014</b> , 44, 482-498	1
804	An adhesion variant of the MG-63 osteosarcoma cell line displays an osteoblast-like phenotype. <b>1988</b> , 136, 131-41	5
803	Compromised Skin Graft and Flap. <b>2006</b> , 329-361	1
802	Role of semaphorins during axon growth and guidance. <b>2007</b> , 621, 50-64	39
801	Role of 12-Lipoxygenase Metabolites and Integrin Glycoprotein Receptors in Metastasis. <b>1990</b> , 42-62	5
800	Cell adhesion and invasion during secondary tumor formation: interactions between tumor cells and host organs. <b>2008</b> , 21-32	1
799	Vitronectin-Binding Integrins in Cancer. <b>2010</b> , 137-170	1
798	Isolation of Fibronectin Receptors. <b>1990</b> , 435-449	3
797	The Extracellular Matrix in Pollen Tube Growth. <b>1992</b> , 238-244	1
796	The Multifunctional Nature of Peptide Growth Factors. <b>1991</b> , 3-15	6
795	The Transforming Growth Factor- $\beta$ . <b>1991</b> , 419-472	51
794	Specificity and Regulation of CD18-Dependent Adhesions. <b>1990</b> , 190-207	3
793	Identification and Characterization of Endothelial-Leukocyte Adhesion Molecule 1. <b>1990</b> , 215-223	1
792	Fibronectin Receptor Expression on Thymocytes. <b>1990</b> , 58-71	1
791	A Fibronectin Binding Protein from Staphylococcus Aureus and its Role in Bacterial Adherence. <b>1989</b> , 107-117	1
790	Adhesive Interactions of Murine and Human Trophoblast Cells. <b>1990</b> , 115-138	2
789	The Role of Matrix Macromolecules in the Invasion of Decidua by Trophoblast: Model Studies Using BeWo Cells. <b>1990</b> , 139-158	3
788	Tumor invasion and metastases: biochemical mechanisms. <b>1988</b> , 40, 223-38	61

787	Cytoskeletal Plaque Proteins as Regulators of Cell Motility, and Tumor Suppressors. <b>1994</b> , 273-293	0
786	Communication of Islet Cells: Molecules and Functions. <b>2001</b> , 143-163	3
785	Controlled Extracellular-Matrix Degradation: A Fundamental Mechanism in the Implantation Process. <b>1994</b> , 379-389	1
784	Non-lymphoid cells in acute and chronic experimental inflammatory bowel disease. <b>1994</b> , 355, 283-7	1
783	Gelsolin expression in normal human keratinocytes is a function of induced differentiation. <b>1994</b> , 358, 169-81	2
782	Elements for a Structural/Functional Model of Human Platelet Plasma Membrane Fibrinogen Receptor, the Glycoprotein IIb/IIIa Complex (Integrin $\alpha$ IIb $\beta$ 3). <b>1993</b> , 63-91	5
781	Fibronectin-Binding Proteins of Staphylococci and Streptococci. <b>1992</b> , 57-64	5
780	Virulence-Associated Mannoproteins of <i>Candida Albicans</i> . <b>1992</b> , 524-545	5
779	Functional Domains in Thrombin Outside the Catalytic Site. <b>1992</b> , 315-350	5
778	Special Properties of the AER/Mesenchyme Interface in the Chick Wing Bud: Analysis of ECM Molecules and Integrin Receptors. <b>1991</b> , 189-202	1
777	On the regulation of beta 2 integrins. <b>1992</b> , 323, 171-9	4
776	Culture conditions affect expression of the alpha 6 beta 4 integrin associated with aggressive behavior in head and neck cancer. <b>1992</b> , 320, 69-79	3
775	Fatty Acid Regulation of Endothelial Cell Adhesion Molecules and Tumor Cell Adhesion: Implications in Metastasis. <b>1993</b> , 619-621	1
774	Integrins as Receptors for Extracellular Matrix. <b>1991</b> , 343-363	35
773	The Flow of Granular Organelles in Leukocyte Differentiation. <b>1991</b> , 173-213	14
772	Interactions between the contact system, neutrophils and fibrinogen. <b>1990</b> , 281, 105-20	6
771	The Lipoxygenase Metabolite of Arachidonic Acid, 12-(S)-HETE, Induces Cytoskeleton Dependent Upregulation of Integrin $\alpha$ IIb $\beta$ 3 in Melanoma Cells. <b>1991</b> , 331-345	3
770	Control of Tumor Cell Induced Endothelial Cell Retraction by Lipoxygenase Metabolites, Prostacyclin and Prostacyclin Analogues. <b>1991</b> , 409-414	3



769	The role of metalloproteinases in tumor cell metastasis. <b>1991</b> , 54, 119-33	4
768	Stromal regulation of epithelial function. <b>1991</b> , 53, 335-64	111
767	Steroid modulation of the expression of growth factors and oncogenes in breast cancer. <b>1991</b> , 53, 197-220	1
766	Monoclonal Antibodies to Langerhans Cells in Man and Experimental Animals. <b>1991</b> , 25-38	1
765	The Molecular Pathology of Glanzmann's Thrombasthenia. <b>1999</b> , 394-423	2
764	Eicosanoids, cancer metastasis, and gene regulation: an overview. <b>1997</b> , 400A, 545-55	3
763	Tissue Engineering, An Overview. <b>1993</b> , 3-15	4
762	The Role of Cell Adhesion During Gastrulation in The Sea Urchin. <b>1991</b> , 313-327	1
761	Recent Developments in Bacterial Adhesion to Animal Cells. <b>1994</b> , 321-512	6
760	Molecular Analysis and Possible Pleiotropic Function(s) of the T Cell-Specific Serine Proteinase-1 (TSP-1). <b>1993</b> , 278-294	5
759	Localized Extracellular Proteolysis May Convey Inductive Signals Between Nerve and Muscle Cells During Synaptogenesis. <b>1990</b> , 255-273	1
758	Receptors for Extracellular Matrix Proteins in Endothelial Cells. <b>1989</b> , 141-147	2
757	Attachment Control of Fibroblast Proliferation. <b>1993</b> , 11-25	1
756	Cell Adhesion Molecules and Leukocyte Trafficking in Sepsis. <b>2002</b> , 23-38	1
755	Extracellular Matrix Adhesive Glycoproteins and Their Receptors in the Nervous System. <b>1989</b> , 383-409	2
754	Leukocyte Integrins. <b>1993</b> , 307-333	1
753	Antigens of Osteoclasts Phenotypic Definition of a Specialized Hemopoietic Cell Lineage. <b>1993</b> , 183-202	4
752	Mechanisms of Neutrophil Migration across Endothelium. <b>1992</b> , 201-231	14

751	Role of the Vascular Endothelium in Cancer Metastasis. <b>1992</b> , 395-425	5
750	Key determinants of the invasion mechanism of melanoma. Role for a new signaling pathway. <b>1997</b> , 407, 303-10	6
749	Integrins: Implications for Aging in Heart Failure Therapy. <b>2014</b> , 401-410	1
748	Cell-Based Adhesion Assays for Isolation of Snake Venom's Integrin Antagonists. <b>2020</b> , 2068, 205-223	3
747	Differential expression of integrin cell-substratum adhesion receptors on endothelium. <b>1992</b> , 61, 188-92	8
746	Modulation of extracellular matrix receptors (integrins) on human endothelial cells by cytokines. <b>1992</b> , 61, 193-7	6
745	Adhesion systems in embryonic epithelial-to-mesenchyme transformations and in cancer invasion and metastasis. <b>1991</b> , 59, 17-34	7
744	Airway epithelial cells. <b>2000</b> , 245-262	3
743	Tumor cell interactions with the vascular endothelium and their role in cancer metastasis. <b>1995</b> , 74, 123-56	4
742	Phylogeny of Blood Platelets. <b>2017</b> , 11-19	4
741	Bacterial Adherence in Pathogenicity. <b>1989</b> , 89-94	1
740	Application of Atomic Force Microscopy to the Study of Expressed Molecules in or on a Single Living Cell. <b>2008</b> , 149-175	1
739	The Multifunctional Nature of Peptide Growth Factors. <b>1990</b> , 3-15	45
738	The Transforming Growth Factor- $\beta$ . <b>1990</b> , 419-472	739
737	Mamma. <b>1997</b> , 133-368	6
736	Platelet Aggregation. <b>1997</b> , 83-98	2
735	Cell Adhesion in Morphogenesis. <b>1989</b> , 109-128	6
734	Interaction of oncogenes with differentiation programs. <b>1989</b> , 147, 31-78	13

733	Extracellular Matrices, Cells, and Growth Factors. <b>1990</b> , 463-477	5
732	Growth Factor Inducible Genes in Fibroblasts. <b>1990</b> , 324-343	37
731	Participation of C3 and its ligands in complement activation. <b>1990</b> , 153, 1-21	21
730	Molecular aspects of C3 interactions and structural/functional analysis of C3 from different species. <b>1990</b> , 153, 45-72	34
729	The leukocyte cell surface receptor(s) for the iC3b product of complement. <b>1990</b> , 153, 99-122	45
728	Attachment Substrates for Heart Muscle Cells. <b>1990</b> , 99-107	2
727	Reepithelialisation of Wounds. <b>1995</b> , 45-60	1
726	Biology of the Osteoclast. <b>1993</b> , 111-147	11
725	Collagen Changes in Dupuytren's Disease. <b>1994</b> , 37-48	3
724	Neutrophil-induced Oxidative Stress. <b>1996</b> , 83-95	3
723	Adhesion Receptors Regulate Antigen-Specific Interactions, Localization, and Differentiation in the Immune System. <b>1989</b> , 121-130	1
722	Integrins and melanoma progression. <b>1993</b> , 128, 119-32	6
721	Uptake of enteropathogenic Yersinia by mammalian cells. <b>1996</b> , 209, 1-24	26
720	Functional Tethered Bilayer Lipid Membranes. <b>2004</b> , 239-253	13
719	Clinical Significance of Integrin Cell Adhesion Molecules as Markers of Endometrial Receptivity. <b>1997</b> , 193-221	2
718	Cell Surface Receptors and the G Protein-Coupled Receptor Superfamily. <b>1995</b> , 1-63	2
717	Carcinoma Cells at Deeply Infiltrated Sites: Role in Development of Metastases in Patients with Advanced Colorectal Adenocarcinomas. <b>1997</b> , 107-127	1
716	Human Malignant Glioma Cells Migrate to Fibronectin and Laminin: Role of Extracellular Matrix Components in Glioma Cell Invasion. <b>1991</b> , 408-415	3

715	Adhesion of Cells. <b>2010</b> , 221-240	1
714	Cell Adhesion Molecules in Colon Cancer Metastasis. <b>2010</b> , 173-203	2
713	Snake Venom Disintegrins. <b>2017</b> , 437-449	1
712	Fibronectin-Mediated Cellular (Inter)Actions. <b>1989</b> , 39-61	10
711	Mechanical signalling, calcium and plant form. <b>1994</b> , 93-105	1
710	Selective RGD peptides for inhibition of cell-cell interactions via backbone cyclization. <b>1993</b> , 75-76	1
709	CR3 and its relationship with other phagocytic receptors. <b>1993</b> , 269-297	1
708	Intercellular junctions and cell adhesion in epithelial cells. <b>1992</b> , 1-52	9
707	Role of apoptosis in myocardial hibernation and myocardial stunning. <b>2000</b> , 21-45	1
706	Growth Factors, Cell-Cell and Cell-Matrix Interactions in Skin during Follicle Development and Growth. <b>1988</b> , 351-364	1
705	Regulation of integrin activity by phosphorylation. <b>2014</b> , 819, 85-96	12
704	Vitronectin and proliferative intraocular disorders. II. Expression of cell surface receptors for fibronectin and vitronectin in periretinal membranes. <b>1991</b> , 15, 103	1
703	Behaviour of laminin 1 and type IV collagen in uninvolved psoriatic skin. Immunohistochemical study using confocal laser scanning microscopy. <b>1996</b> , 288, 527	4
702	Separate functions of $\alpha 5 \beta 1$ and $\alpha 5 \beta 3$ integrins in the metastatic process of human gastric carcinoma. <b>1998</b> , 28, 1001	5
701	FIBRINOGEN BINDING ON CANDIDA ALBICANS GERM TUBES AND MYCELIUM. <b>1987</b> , 399-402	3
700	Adhesion Factors. <b>1993</b> , 509-526	2
699	Therapeutic Potential of Integrin Antagonists. <b>1994</b> , 237-271	3
698	CELLULAR AND MOLECULAR BIOLOGY OF THE OSTEOCLAST. <b>1993</b> , 445-495	29

697	Vascular Cell Adhesion Molecule-1. <b>1991</b> , 151-169	4
696	The role of GTP-binding proteins in signal transduction: from the sublimely simple to the conceptually complex. <b>1992</b> , 32, 1-47	57
695	Preparation and Use of Morphological Variants to Investigate Neuropeptide Action. <b>1990</b> , 299-315	2
694	Regulatory genes of human immunodeficiency viruses. <b>1992</b> , 2, 189-219	8
693	Macrophage and Inflammatory Cell Matrix Receptors: LFA-1, Mac-1, p150,95 Family. <b>1991</b> , 39-78	3
692	Matrix Receptors in Cell Migration. <b>1991</b> , 195-253	9
691	Structures and Functions of VLA Proteins and Related Integrins. <b>1991</b> , 255-300	13
690	Fibronectin Domains and Receptors. <b>1989</b> , 47-121	31
689	Extracellular Matrix Interactions with Tumor-Progressing Cells: Tumor versus Cell Type-Specific Mechanisms. <b>1991</b> , 99-149	3
688	Integrin Structure and Ligand Specificity in Cell Matrix Interactions. <b>1993</b> , 239-265	3
687	Fibronectin as a Transducer of Tension. <b>1989</b> , 121-146	1
686	Extracellular Matrix Interaction with the Cytoskeleton. <b>1989</b> , 147-172	13
685	Cell Shape and Growth Control: Role of Cytoskeleton Extracellular Matrix Interactions. <b>1989</b> , 173-202	4
684	Glucocorticoids and Gastrointestinal Inflammation. <b>1993</b> , 169-184	1
683	Formation of Fibronectin Extracellular Matrix. <b>1994</b> , 315-350	8
682	Complement. <b>2010</b> , 77-98	2
681	Cardiovascular Function During Development and the Response to Hypoxia. <b>2004</b> , 635-669	2
680	Integrins and Other Cell Surface Attachment Molecules of Bone Cells. <b>2002</b> , 265-XX	1

679	Foreword: A Brief History of Ideas about Platelets in Health and Disease. <b>2007</b> , xxiii-xlii	8
678	DYNAMICS OF CELL-ECM INTERACTIONS. <b>2000</b> , 33-55	13
677	MECHANICAL AND CHEMICAL DETERMINANTS OF TISSUE DEVELOPMENT. <b>2000</b> , 101-110	15
676	Cell-Synthetic Surface Interactions. <b>2002</b> , 751-770	1
675	Integrins in Vascular Development and Pathology. <b>2018</b> , 81, 129-153	12
674	A conformation-dependent epitope of human platelet glycoprotein IIIa. <b>1990</b> , 265, 20594-20601	115
673	A monoclonal antibody against the platelet fibrinogen receptor contains a sequence that mimics a receptor recognition domain in fibrinogen. <b>1989</b> , 264, 259-265	158
672	Regulation of Cell Adhesion Receptors by Transforming Growth Factor- $\beta$ <b>1989</b> , 264, 380-388	446
671	Regulation of Cell Adhesion Receptors by Transforming Growth Factor- $\beta$ <b>1989</b> , 264, 389-392	209
670	Mutation of a ligand binding domain of beta 3 integrin. Integral role of oxygenated residues in alpha IIb beta 3 (GPIIb-IIIa) receptor function.. <b>1994</b> , 269, 20913-20919	120
669	Transcriptional regulation of alpha IIb integrin gene expression during megakaryocytic differentiation of K562 cells. Role of a silencer element. <b>1994</b> , 269, 18441-18447	44
668	Cyclic RGD peptide inhibits alpha 4 beta 1 interaction with connecting segment 1 and vascular cell adhesion molecule. <b>1994</b> , 269, 18668-18673	48
667	Functional role of N-glycosylation in alpha 5 beta 1 integrin receptor. De-N-glycosylation induces dissociation or altered association of alpha 5 and beta 1 subunits and concomitant loss of fibronectin binding activity.. <b>1994</b> , 269, 12325-12331	138
666	Transmembrane signal transduction by integrin cytoplasmic domains expressed in single-subunit chimeras.. <b>1994</b> , 269, 15961-15964	125
665	Identification of a novel integrin binding site in fibronectin. Differential utilization by beta 3 integrins.. <b>1994</b> , 269, 10856-10863	149
664	Role of the integrin alpha v beta 6 in cell attachment to fibronectin. Heterologous expression of intact and secreted forms of the receptor.. <b>1994</b> , 269, 6940-6948	176
663	A single amino acid substitution flanking the fourth calcium binding domain of alpha IIb prevents maturation of the alpha IIb beta 3 integrin complex.. <b>1994</b> , 269, 4450-4457	66
662	Binding of recombinant fibrinogen mutants to platelets.. <b>1994</b> , 269, 226-231	114

661	The human alpha 2 integrin gene promoter. Identification of positive and negative regulatory elements important for cell-type and developmentally restricted gene expression.. <b>1994</b> , 269, 463-469	81
660	Characterization of the human platelet glycoprotein IIIa gene. Comparison with the fibronectin receptor beta-subunit gene.. <b>1990</b> , 265, 18098-18103	49
659	Cation-dependent changes in the binding specificity of the platelet receptor GPIIb/IIIa.. <b>1990</b> , 265, 18525-18530	84
658	cDNA sequence of the human integrin beta 5 subunit.. <b>1990</b> , 265, 17126-17131	56
657	Cytokine-enhanced expression of glycoprotein Ib alpha in human endothelium.. <b>1990</b> , 265, 19833-19838	46
656	The complete amino acid sequence of the high molecular mass hemorrhagic protein HR1B isolated from the venom of <i>Trimeresurus flavoviridis</i> .. <b>1990</b> , 265, 16068-16073	116
655	Fibronectin receptor modulates cyclin-dependent kinase activity.. <b>1992</b> , 267, 25744-25747	32
654	Hirudisins. Hirudin-derived thrombin inhibitors with disintegrin activity.. <b>1992</b> , 267, 24230-24234	32
653	The Arg-Gly-Asp binding domain of the vitronectin receptor. Photoaffinity cross-linking implicates amino acid residues 61-203 of the beta subunit.. <b>1988</b> , 263, 18726-18731	187
652	Regulation of the fibronectin receptor affinity by divalent cations.. <b>1988</b> , 263, 12927-12932	311
651	Interaction of fibrinogen with its platelet receptor. Differential effects of alpha and gamma chain fibrinogen peptides on the glycoprotein IIb-IIIa complex.. <b>1988</b> , 263, 12948-12953	107
650	Occupancy of an adhesive glycoprotein receptor modulates expression of an antigenic site involved in cell adhesion.. <b>1988</b> , 263, 12397-12402	191
649	The human leukocyte adhesion glycoprotein Mac-1 (complement receptor type 3, CD11b) alpha subunit. Cloning, primary structure, and relation to the integrins, von Willebrand factor and factor B.. <b>1988</b> , 263, 12403-12411	199
648	Alternative proteolytic processing of platelet membrane glycoprotein IIb.. <b>1988</b> , 263, 11025-11028	41
647	Purification and characterization of glycosyl-phosphatidylinositol-specific phospholipase D.. <b>1990</b> , 265, 17738-17745	65
646	Characterization of a gain of function mutation of integrin alpha IIb beta 3 (platelet glycoprotein IIb-IIIa).. <b>1992</b> , 267, 22211-22216	37
645	Cell adhesion in a dynamic flow system as compared to static system. Glycosphingolipid-glycosphingolipid interaction in the dynamic system predominates over lectin- or integrin-based mechanisms in adhesion of B16 melanoma cells to non-activated endothelial cells.. <b>1992</b> , 267, 17264-17270	109
644	Identification of the alpha IIb beta 3 integrin in murine tumor cells.. <b>1992</b> , 267, 17314-17320	50

643	Transforming growth factor beta differentially regulates expression of integrin subunits in guinea pig airway epithelial cells.. <b>1992</b> , 267, 17409-17414	82
642	Cell attachment controls fibronectin and alpha 5 beta 1 integrin levels in fibroblasts. Implications for anchorage-dependent and -independent growth.. <b>1992</b> , 267, 8186-8191	48
641	Inhibition of Molt-4-endothelial adherence by synthetic peptides from the sequence of ICAM-1.. <b>1992</b> , 267, 8537-8543	34
640	Molecular cloning of the mouse integrin beta 7 subunit.. <b>1992</b> , 267, 7352-7358	29
639	Characterization of the integrin alpha v beta 6 as a fibronectin-binding protein.. <b>1992</b> , 267, 5790-5796	217
638	Cell-associated episialin is a complex containing two proteins derived from a common precursor.. <b>1992</b> , 267, 6171-6177	195
637	Isolation and characterization of a chymotryptic fragment of platelet glycoprotein IIb-IIIa retaining Arg-Gly-Asp binding activity.. <b>1992</b> , 267, 5649-5655	27
636	Biosynthetic and functional properties of an Arg-Gly-Asp-directed receptor involved in human melanoma cell attachment to vitronectin, fibrinogen, and von Willebrand factor.. <b>1987</b> , 262, 17703-17711	391
635	Purification of two smooth muscle glycoproteins related to integrin. Distribution in cultured chicken embryo fibroblasts.. <b>1987</b> , 262, 17189-17199	42
634	A 130-kDa protein on endothelial cells binds to amino acids 15-42 of the B beta chain of fibrinogen.. <b>1992</b> , 267, 2451-2458	28
633	Functional and structural analysis of VLA-4 integrin alpha 4 subunit cleavage.. <b>1992</b> , 267, 1786-1791	58
632	The integrin alpha 9 beta 1 mediates cell attachment to a non-RGD site in the third fibronectin type III repeat of tenascin.. <b>1994</b> , 269, 26691-26696	163
631	Vitronectin-driven human keratinocyte locomotion is mediated by the alpha v beta 5 integrin receptor.. <b>1994</b> , 269, 26926-26932	62
630	Integrin-mediated cell adhesion: the extracellular face.. <b>1994</b> , 269, 25235-25238	144
629	Fibronectin attachment activates the NF-kappa B p50/p65 heterodimer in fibroblasts and smooth muscle cells.. <b>1994</b> , 269, 30765-30768	55
628	Structure of the platelet membrane glycoprotein IIb. Homology to the alpha subunits of the vitronectin and fibronectin membrane receptors.. <b>1987</b> , 262, 8476-8482	265
627	Matrix assembly sites for exogenous fibronectin are decreased on human fibroblasts after treatment with agents which increase intracellular cAMP.. <b>1987</b> , 262, 14361-14365	33
626	Ca(2+)-binding properties of the platelet glycoprotein IIb ligand-interacting domain.. <b>1992</b> , 267, 1001-1007	87



625	Mutagenesis of the Arg-Gly-Asp triplet in human complement component C3 does not abolish binding of iC3b to the leukocyte integrin complement receptor type III (CR3, CD11b/CD18).. <b>1992</b> , 267, 635-643	40
624	Regulatory effects of platelet-derived growth factor-AA homodimer on migration of vascular smooth muscle cells. <b>1992</b> , 267, 22806-22812	82
623	The collagen receptor alpha 2 beta 1, from MG-63 and HT1080 cells, interacts with a cyclic RGD peptide. <b>1992</b> , 267, 23159-23164	63
622	Ca <sup>2+</sup> -dependent Binding of a Synthetic Arg-Gly-Asp (RGD) Peptide to a Single Site on the Purified Platelet Glycoprotein IIb-IIIa Complex. <b>1989</b> , 264, 13102-13108	59
621	Phorbol Ester Induces Increased Expression, Altered Glycosylation, and Reduced Adhesion of K562 Erythroleukemia Cell Fibronectin Receptors. <b>1989</b> , 264, 13258-13266	50
620	Inhibition of fibrinogen binding to GP IIb-IIIa by a GP IIIa peptide. <b>1991</b> , 266, 1415-1421	167
619	The Sp1 transcription factor binds the CD11b promoter specifically in myeloid cells in vivo and is essential for myeloid-specific promoter activity.. <b>1993</b> , 268, 8230-8239	160
618	Peptides derived from a sequence within beta 3 integrin bind to platelet alpha IIb beta 3 (GPIIb-IIIa) and inhibit ligand binding.. <b>1993</b> , 268, 6870-6873	32
617	CD22, a B cell-specific immunoglobulin superfamily member, is a sialic acid-binding lectin.. <b>1993</b> , 268, 7011-7018	177
616	Expression of integrin alpha 1 beta 1 is regulated by nerve growth factor and dexamethasone in PC12 cells. Functional consequences for adhesion and neurite outgrowth.. <b>1993</b> , 268, 5557-5565	66
615	Human beta 1-integrin gene expression is regulated by two promoter regions.. <b>1993</b> , 268, 5148-5155	38
614	Identification of a novel cell attachment domain in the HIV-1 Tat protein and its 90-kDa cell surface binding protein.. <b>1993</b> , 268, 5279-5284	53
613	Expression of native and truncated forms of the human integrin alpha 1 subunit.. <b>1993</b> , 268, 2989-2996	85
612	Regulatory role of GM3 ganglioside in alpha 5 beta 1 integrin receptor for fibronectin-mediated adhesion of FUA169 cells.. <b>1993</b> , 268, 2217-2222	90
611	Characterization of the integrin specificities of disintegrins isolated from American pit viper venoms.. <b>1993</b> , 268, 1058-1065	216
610	Characterization of the p150,95 leukocyte integrin alpha subunit (CD11c) gene promoter. Identification of cis-acting elements.. <b>1993</b> , 268, 1187-1193	51
609	The Yersinia pseudotuberculosis invasin protein and human fibronectin bind to mutually exclusive sites on the alpha 5 beta 1 integrin receptor.. <b>1991</b> , 266, 24367-24375	99
608	Skeletal myoblasts utilize a novel beta 1-series integrin and not alpha 6 beta 1 for binding to the E8 and T8 fragments of laminin.. <b>1991</b> , 266, 23593-23601	123

607	von Willebrand factor.. <b>1991</b> , 266, 22777-22780	180
606	Integrin alpha IIb beta 3 (platelet GPIIb-IIIa) recognizes multiple sites in fibronectin.. <b>1991</b> , 266, 23323-23328	85
605	Study of the endoproteolytic cleavage of platelet glycoprotein IIb using oligonucleotide-mediated mutagenesis.. <b>1991</b> , 266, 23499-23504	29
604	Regulation of integrin-type cell adhesion receptors by cytokines.. <b>1991</b> , 266, 23505-23509	91
603	Urokinase binding and receptor identification in cultured endothelial cells.. <b>1991</b> , 266, 21466-21473	47
602	Induction of expression of the alpha v beta 1 and alpha v beta 3 integrin heterodimers during retinoic acid-induced neuronal differentiation of murine embryonal carcinoma cells.. <b>1991</b> , 266, 21846-21852	42
601	The alpha 5 beta 1 fibronectin receptor. Characterization of the alpha 5 gene promoter.. <b>1991</b> , 266, 20544-20549	33
600	Arginine-glycine-aspartic acid binding leading to molecular stabilization between integrin alpha v beta 3 and its ligand.. <b>1991</b> , 266, 19543-19550	81
599	Individual embryonic fibroblasts express multiple beta chains in association with the alpha v integrin subunit. Loss of beta 3 expression with cell confluence.. <b>1991</b> , 266, 18593-18599	43
598	Potential role of entactin in hemostasis. Specific interaction of entactin with fibrinogen A alpha and B beta chains.. <b>1991</b> , 266, 18802-18807	25
597	Functional domains of proteoliasin, the adhesive protein that orchestrates fertilization envelope assembly.. <b>1991</b> , 266, 16870-16875	13
596	Amino Acid Sequences in Fibrinogen Mediating Its Interaction with Its Platelet Receptor, GPIIbIIIa. <b>1989</b> , 264, 9258-9265	119
595	Specific interaction between Lex and Lex Determinants. <b>1989</b> , 264, 9476-9484	352
594	The structure of anchorin CII, a collagen binding protein isolated from chondrocyte membrane.. <b>1988</b> , 263, 5921-5925	46
593	Xenopus laevis integrins. Structural conservation and evolutionary divergence of integrin beta subunits.. <b>1988</b> , 263, 5333-5340	88
592	Characterization of the cell surface heterodimer VLA-4 and related peptides.. <b>1987</b> , 262, 11478-11485	221
591	Ligand Inhibition of the Platelet Glycoprotein IIb-IIIa Complex Function as a Calcium Channel in Liposomes. <b>1989</b> , 264, 14617-14620	24
590	Processing and Assembly of the Integrin, Glycoprotein IIb-IIIa, in HEL Cells. <b>1989</b> , 264, 12596-12603	67

- 589 Identification of Integrin-like Matrix Receptors with Affinity for Interstitial Collagens. **1989**, 264, 12686-12694 91
- 588 Lipid A binding sites in membranes of macrophage tumor cells.. **1988**, 263, 14802-14807 81
- 587 Isolation and partial characterization of high affinity laminin receptors in neural cells.. **1988**, 263, 14964-14969 70
- 586 Identification and characterization of a novel antigen complex on mouse mammary tumor cells using a monoclonal antibody against platelet glycoprotein Ic.. **1988**, 263, 14030-14038 50
- 585 Generation and characterization of peptide-specific antibodies that inhibit von Willebrand factor binding to glycoprotein IIb-IIIa without interacting with other adhesive molecules. Selectivity is conferred by Pro1743 and other amino acid residues adjacent to the sequence Arg1744-Gly1745-Asp1746.. **1988**, 263, 7500-7505 62
- 584 Multiple very late antigen (VLA) heterodimers on platelets. Evidence for distinct VLA-2, VLA-5 (fibronectin receptor), and VLA-6 structures.. **1988**, 263, 7660-7665 99
- 583 The cell surface proteoglycan of mouse mammary epithelial cells. The extracellular domain contains N terminus and a peptide sequence present in a conditioned medium proteoglycan.. **1988**, 263, 6949-6952 15
- 582 Human laminin B2 chain. Comparison of the complete amino acid sequence with the B1 chain reveals variability in sequence homology between different structural domains.. **1988**, 263, 6751-6758 100
- 581 Transforming growth factor beta stimulates the expression of fibronectin and of both subunits of the human fibronectin receptor by cultured human lung fibroblasts.. **1988**, 263, 4586-4592 233
- 580 Chemical cross-linking of arginyl-glycyl-aspartic acid peptides to an adhesion receptor on platelets.. **1988**, 263, 3943-3951 74
- 579 Kinetics of receptor-mediated binding of tropoelastin to ligament fibroblasts.. **1988**, 263, 2280-2284 44
- 578 Identification of determinants involved in binding of tissue-type plasminogen activator-plasminogen activator inhibitor type 1 complexes to HepG2 cells.. **1990**, 265, 14093-14099 25
- 577 Modulation of haptotactic migration of metastatic melanoma cells by the interaction between heparin and heparin-binding domain of fibronectin.. **1990**, 265, 14270-14276 18
- 576 Identification and characterization of a dimeric chicken fibronectin receptor. Subunit-specific monoclonal antibodies to the putative chicken alpha 5 beta 1 integrin.. **1990**, 265, 14561-14565 16
- 575 Characterization of a Novel Membrane Glycoprotein Involved in Platelet Activation. **1989**, 264, 13475-13482 54
- 574 The Identification and Characterization of Collagen Receptors Involved in HeLa Cell-Substratum Adhesion. **1989**, 264, 13546-13558 8
- 573 Lymphocyte Surface Antigen L25 Is a Member of the Integrin Receptor Superfamily. **1989**, 264, 13745-13750 31
- 572 The role of phosphorylation and limited proteolytic cleavage of talin and vinculin in the disruption of focal adhesion integrity. **1989**, 264, 11938-11944 90

571	Hyaluronic Acid Stimulates Protein Kinase Activity in Intact Cells and in an Isolated Protein Complex. <b>1989</b> , 264, 8951-8955	37
570	Structural features of fibronectin synthetic peptide FN-C/H II, responsible for cell adhesion, neurite extension, and heparan sulfate binding. <b>1993</b> , 268, 15859-15867	29
569	Binding of heparan sulfate to type V collagen. <b>1989</b> , 264, 7950-7956	89
568	Regulation of cell-substrate adhesion by proteoglycans immobilized on extracellular substrates. <b>1989</b> , 264, 8012-8018	152
567	Association of the VLA a Subunit with a Novel Protein. <b>1989</b> , 264, 6529-6535	194
566	Specific Overproduction of Very Late Antigen 1 Integrin in Two Human Neuroblastoma Cell Lines Selected for Resistance to Detachment by an Arg-Gly-Asp-containing Synthetic Peptide. <b>1989</b> , 264, 4832-4836 <sup>9</sup>	9
565	Identification of integrin collagen receptors on human melanoma cells. <b>1989</b> , 264, 4684-4688	170
564	Barbourin. A GPIIb-IIIa-specific integrin antagonist from the venom of <i>Sistrurus m. barbouri</i> . <b>1991</b> , 266, 9359-9362	265
563	Cloning and sequencing of chicken thrombospondin. <b>1991</b> , 266, 8039-8043	36
562	Leukocyte Adhesion Deficiency. <b>1989</b> , 264, 3588-3595	80
561	Effects of Modifications of the RGD Sequence and Its Context on Recognition by the Fibronectin Receptor. <b>1989</b> , 264, 1437-1442	152
560	Structural and Biosynthetic Studies of the Granule Membrane Protein, GMP-140, from Human Platelets and Endothelial Cells. <b>1989</b> , 264, 1816-1823	66
559	A high affinity conformational state on VLA integrin heterodimers induced by an anti-beta 1 chain monoclonal antibody. <b>1993</b> , 268, 9863-9868	76
558	Interactions between the bone matrix proteins osteopontin and bone sialoprotein and the osteoclast integrin alpha v beta 3 potentiate bone resorption. <b>1993</b> , 268, 9901-9907	374
557	Ca(2+)-dependent structural transitions of the platelet glycoprotein IIb-IIIa complex. Preparation of stable glycoprotein IIb and IIIa monomers. <b>1991</b> , 266, 14986-14991	16
556	The minimal essential sequence for a major cell type-specific adhesion site (CS1) within the alternatively spliced type III connecting segment domain of fibronectin is leucine-aspartic acid-valine. <b>1991</b> , 266, 15075-15079	264
555	A highly conserved sequence of the Arg-Gly-Asp-binding domain of the integrin beta 3 subunit is sensitive to stimulation. <b>1991</b> , 266, 14202-14207	41
554	Labeling of integrin alpha v beta 3 with <sup>58</sup> Co(III). Evidence of metal ion coordination sphere involvement in ligand binding. <b>1991</b> , 266, 11429-11432	42

553	Epidermal growth factor activation of vinculin and beta 1-integrin gene transcription in quiescent Swiss 3T3 cells. Regulation through a protein kinase C-independent pathway. <b>1991</b> , 266, 12008-12014	38
552	Complete amino acid sequence of an integrin beta subunit (beta 7) identified in leukocytes. <b>1991</b> , 266, 11009-11016	80
551	Selective recognition of adhesive sites in surface-bound fibrinogen by glycoprotein IIb-IIIa on nonactivated platelets. <b>1991</b> , 266, 11227-11233	205
550	The alpha 2 beta 1 integrin cell surface collagen receptor binds to the alpha 1 (I)-CB3 peptide of collagen.. <b>1990</b> , 265, 4778-4781	88
549	Characterization of the CD11a (alpha L, LFA-1 alpha) integrin gene promoter.. <b>1993</b> , 268, 19305-19311	29
548	Mapping of the alpha-actinin binding site within the beta 1 integrin cytoplasmic domain.. <b>1993</b> , 268, 21193-21197	76
547	Conformational modulation of purified glycoprotein (GP) IIb-IIIa allows proteolytic generation of active fragments from either active or inactive GPIIb-IIIa.. <b>1992</b> , 267, 18844-18851	48
546	A molecular model of RGD ligands. Antibody D gene segments that direct specificity for the integrin alpha IIb beta 3.. <b>1992</b> , 267, 18085-18092	53
545	A unique recognition site mediates the interaction of fibrinogen with the leukocyte integrin Mac-1 (CD11b/CD18).. <b>1990</b> , 265, 12119-12122	124
544	Complete amino acid sequence of a novel integrin beta subunit (beta 6) identified in epithelial cells using the polymerase chain reaction.. <b>1990</b> , 265, 11502-11507	138
543	Binding of the snake venom-derived proteins applaggin and echistatin to the arginine-glycine-aspartic acid recognition site(s) on platelet glycoprotein IIb.IIIa complex inhibits receptor function.. <b>1990</b> , 265, 11766-11772	70
542	Purification and functional characterization of integrin alpha v beta 5. An adhesion receptor for vitronectin.. <b>1990</b> , 265, 11008-11013	173
541	Human platelets and megakaryocytes contain alternately spliced glycoprotein IIb mRNAs.. <b>1990</b> , 265, 9587-9590	41
540	Decorsin. A potent glycoprotein IIb-IIIa antagonist and platelet aggregation inhibitor from the leech <i>Macrobdella decora</i> .. <b>1990</b> , 265, 10143-10147	108
539	Primary structure of endoglin, an RGD-containing glycoprotein of human endothelial cells.. <b>1990</b> , 265, 8361-8364	300
538	Biosynthesis of the cell surface sialomucin complex of ascites 13762 rat mammary adenocarcinoma cells from a high molecular weight precursor.. <b>1990</b> , 265, 8505-8510	55
537	The genomic organization of platelet glycoprotein IIIa.. <b>1990</b> , 265, 8590-8595	131
536	The major non-integrin laminin binding protein of macrophages is identical to carbohydrate binding protein 35 (Mac-2).. <b>1990</b> , 265, 7097-7099	173

535	Sequence of human syndecan indicates a novel gene family of integral membrane proteoglycans.. <b>1990</b> , 265, 6884-6889	114
534	A novel fibronectin receptor with an unexpected subunit composition (alpha v beta 1).. <b>1990</b> , 265, 5934-5937	196
533	The integrin beta 1 subunit associates with the vitronectin receptor alpha v subunit to form a novel vitronectin receptor in a human embryonic kidney cell line.. <b>1990</b> , 265, 5938-5941	176
532	Selective inhibition of integrin function by antibodies specific for ligand-occupied receptor conformers.. <b>1990</b> , 265, 6346-6352	232
531	Modulation of vitronectin receptor binding by membrane lipid composition.. <b>1990</b> , 265, 4011-4019	133
530	Affinity chromatographic isolation of the melanoma adhesion receptor for the IIIICS region of fibronectin and its identification as the integrin alpha 4 beta 1.. <b>1990</b> , 265, 4020-4024	174
529	NPXY, a sequence often found in cytoplasmic tails, is required for coated pit-mediated internalization of the low density lipoprotein receptor.. <b>1990</b> , 265, 3116-3123	664
528	The ligand binding site of the platelet integrin receptor GPIIb-IIIa is proximal to the second calcium binding domain of its alpha subunit.. <b>1990</b> , 265, 3440-3446	232
527	Serum stimulation of fibronectin gene expression appears to result from rapid serum-induced binding of nuclear proteins to a cAMP response element.. <b>1990</b> , 265, 3522-3527	53
526	Neuronal tyrosine phosphorylation in growth cone glycoproteins.. <b>1990</b> , 265, 2417-2420	19
525	Genomic structure of an integrin alpha subunit, the leukocyte p150,95 molecule.. <b>1990</b> , 265, 2782-2788	56
524	Integrin (alpha v beta 3)-ligand interaction. Identification of a heterodimeric RGD binding site on the vitronectin receptor.. <b>1990</b> , 265, 2168-2172	144
523	pH regulation in spread cells and round cells.. <b>1990</b> , 265, 1327-1332	50
522	Alpha 2 beta 1 integrins from different cell types show different binding specificities.. <b>1990</b> , 265, 615-618	185
521	Identification of a novel integrin beta subunit expressed on cultured monocytes (macrophages). Evidence that one alpha subunit can associate with multiple beta subunits.. <b>1990</b> , 265, 823-830	61
520	A mitogenic fibrinogen receptor that differs from glycoprotein IIb-IIIa. Identification by affinity chromatography and by covalent cross-linking.. <b>1990</b> , 265, 328-333	10
519	Specific Interaction between Gangliosylceramide (Gg3) and Sialosylceramide (GM3) as a Basis for Specific Cellular Recognition between Lymphoma and Melanoma Cells. <b>1989</b> , 264, 20159-20162	160
518	Transglutaminase-mediated Cross-linking of Fibrinogen by Human Umbilical Vein Endothelial Cells. <b>1989</b> , 264, 20502-20508	47

517	Expression of recombinant platelet glycoprotein IIb/IIIa results in a functional fibrinogen-binding complex. <b>1989</b> , 264, 18859-18862	54
516	Monoclonal antibodies to ligand-occupied conformers of integrin alpha IIb beta 3 (glycoprotein IIb-IIIa) alter receptor affinity, specificity, and function.. <b>1991</b> , 266, 17106-17111	279
515	Cell adhesion, spreading, and motility of GM3-expressing cells based on glycolipid-glycolipid interaction.. <b>1991</b> , 266, 17552-17558	148
514	Fibrinogen binding to purified platelet glycoprotein IIb-IIIa (integrin alpha IIb beta 3) is modulated by lipids.. <b>1992</b> , 267, 15568-15577	35
513	Vascular endothelial cell adhesion and spreading promoted by the peptide REDV of the IIICS region of plasma fibronectin is mediated by integrin alpha 4 beta 1.. <b>1992</b> , 267, 14019-14026	216
512	A peptide corresponding to GPIIb alpha 300-312, a presumptive fibrinogen gamma-chain binding site on the platelet integrin GPIIb/IIIa, inhibits the adhesion of platelets to at least four adhesive ligands.. <b>1992</b> , 267, 11729-11733	50
511	Characterization of a specific erythromegakaryocytic enhancer within the glycoprotein IIb promoter.. <b>1992</b> , 267, 10370-10374	56
510	Functional expression of a full-length cDNA coding for rat neural cell adhesion molecule L1 mediates homophilic intercellular adhesion and migration of cerebellar neurons.. <b>1992</b> , 267, 10752-10758	92
509	A spontaneous mutation of integrin alpha IIb beta 3 (platelet glycoprotein IIb-IIIa) helps define a ligand binding site.. <b>1992</b> , 267, 3789-3794	100
508	Genetic cause of leukocyte adhesion molecule deficiency. Abnormal splicing and a missense mutation in a conserved region of CD18 impair cell surface expression of beta 2 integrins.. <b>1992</b> , 267, 3351-3357	36
507	Purification and characterization of zyxin, an 82,000-dalton component of adherens junctions.. <b>1991</b> , 266, 5847-5853	118
506	The splicing pattern of fibronectin mRNA changes during chondrogenesis resulting in an unusual form of the mRNA in cartilage.. <b>1991</b> , 266, 5918-5924	53
505	The CS5 peptide is a second site in the IIICS region of fibronectin recognized by the integrin alpha 4 beta 1. Inhibition of alpha 4 beta 1 function by RGD peptide homologues. <b>1991</b> , 266, 3579-3585	184
504	Identification of a bone sialoprotein receptor in osteosarcoma cells.. <b>1988</b> , 263, 19433-19436	185
503	Fibronectin's amino-terminal matrix assembly site is located within the 29-kDa amino-terminal domain containing five type I repeats.. <b>1988</b> , 263, 19602-19609	77
502	Clustering of ligand on the surface of a particle enhances adhesion to receptor-bearing cells.. <b>1988</b> , 263, 17822-17827	40
501	Binding and cross-linking of rabbit fibronectin by rabbit hepatocytes in suspension.. <b>1988</b> , 263, 1791-1797	16
500	Analysis of the role of glycosylation of the human fibronectin receptor. <b>1989</b> , 264, 18011-18018	101

499	The Elastin Receptor Shows Structural and Functional Similarities to the 67-kDa Tumor cell Laminin Receptor. <b>1989</b> , 264, 16652-16657	132
498	Analysis of the tumor-associated antigen TSP-180. <b>1989</b> , 264, 15515-15521	103
497	Human melanoma cells express a novel integrin receptor for laminin. <b>1989</b> , 264, 15642-15649	84
496	Isolation and Characterization of a Platelet Membrane Protein Related to the Vitronectin Receptor. <b>1989</b> , 264, 3742-3749	76
495	Differential regulation of the alpha 2 beta 1 and alpha IIb beta 3 integrin genes during megakaryocytic differentiation of pluripotential K562 cells.. <b>1992</b> , 267, 20233-20238	35
494	Calcium as a potential physiological regulator of integrin-mediated cell adhesion. <b>1991</b> , 266, 4471-4477	117
493	Biochemical evidence for a homophilic interaction of the alpha 3 beta 1 integrin.. <b>1993</b> , 268, 22036-22041	62
492	Transforming growth factor- $\beta$ switches the pattern of integrins expressed in MG-63 human osteosarcoma cells and causes a selective loss of cell adhesion to laminin. <b>1989</b> , 264, 21806-21811	144
491	Regulation of expression of the CD11b and CD18 subunits of the neutrophil adherence receptor during human myeloid differentiation. <b>1989</b> , 264, 21812-21817	56
490	Effect of platelet activation on the conformation of the plasma membrane glycoprotein IIb-IIIa complex. <b>1991</b> , 266, 7345-7352	174
489	Identification of a tetrapeptide recognition sequence for the alpha 2 beta 1 integrin in collagen.. <b>1991</b> , 266, 7363-7367	286
488	Tumor necrosis factor alpha and interferon gamma modulate the expression of the vitronectin receptor (integrin beta 3) in human endothelial cells.. <b>1991</b> , 266, 7638-7645	104
487	Syndecan from embryonic tooth mesenchyme binds tenascin.. <b>1991</b> , 266, 7733-7739	152
486	Pharmacology of Current and Future Antithrombotic Therapies. <b>1994</b> , 12, 411-442	10
485	The Biochemistry of Bone. <b>1989</b> , 18, 859-902	122
484	Regulation of Lymphocyte Traffic to Mucosa-Associated Lymphatic Tissues. <b>1991</b> , 20, 495-510	43
483	Intestinal Intraepithelial Lymphocytes. <b>1991</b> , 20, 549-576	100
482	Monoclonal Circulating B Cells in Multiple Myeloma. <b>1992</b> , 6, 297-322	100



481	The Clinical Significance of Platelet Membrane Glycoproteins. <b>1990</b> , 4, 87-105	19
480	The Chemotactic Peptide Receptor: A Model for Future Understanding of Chemotactic Disorders. <b>1988</b> , 2, 33-59	17
479	Biological Physics of the Developing Embryo. <b>2005</b> ,	182
478	Autosomal mutations affecting adhesion between wing surfaces in <i>Drosophila melanogaster</i> . <b>1997</b> , 146, 275-85	111
477	Substrates for Astrocytoma Invasion. <b>1995</b> , 37, 294-302	4
476	Migration of Human Glioma Cells on Myelin. <b>1996</b> , 755-764	13
475	Management of snake and spider bite in pregnancy. <b>1996</b> , 51, 615-20	26
474	Visualization of liver sinusoidal endothelial cell repair behavior after preservation by in vitro time-lapse video microscopy. <b>1997</b> , 63, 455-9	2
473	Cell detachment during sinusoidal reperfusion after liver preservation: an in vitro model. <b>1997</b> , 64, 907-12	10
472	Immunohistochemical characterization of coronary thrombi in allograft vascular disease. <b>2000</b> , 69, 1095-101	14
471	The state of research in cutaneous biology: a perspective in the 50th anniversary year of the Society for Investigative Dermatology and The Journal of Investigative Dermatology. <b>1989</b> , 92, 179S-197S	2
470	O-glycosylation of the Thr70 residue of cell-adhesive lysozyme in yeast. <b>1995</b> , 230, 965-70	2
469	Foot-and-Mouth Disease Virus-Receptor Interactions: Role in Pathogenesis and Tissue Culture Adaptation. 115-123	4
468	Mechanisms of <i>Yersinia</i> Entry into Mammalian Cells. 235-247	3
467	Levels of circulating fibronectin receptor in adult and pediatric patients with human immunodeficiency virus type 1 infection. <b>1994</b> , 1, 348-50	3
466	A protease of <i>Bacteroides gingivalis</i> degrades cell surface and matrix glycoproteins of cultured gingival fibroblasts and induces secretion of collagenase and plasminogen activator. <b>1989</b> , 57, 213-8	103
465	C3bi-binding protein on <i>Candida albicans</i> : temperature-dependent expression and relationship to human complement receptor type 3. <b>1989</b> , 57, 616-22	72
464	Arg-Gly-Asp (RGD) peptides alter hepatic killing of <i>Candida albicans</i> in the isolated perfused mouse liver model. <b>1992</b> , 60, 213-8	20

463	Laminin on <i>Toxoplasma gondii</i> mediates parasite binding to the beta 1 integrin receptor alpha 6 beta 1 on human foreskin fibroblasts and Chinese hamster ovary cells. <b>1992</b> , 60, 4925-31	71
462	Tyrosine protein kinase inhibitors block invasin-promoted bacterial uptake by epithelial cells. <b>1992</b> , 60, 2211-7	165
461	The integrin-binding domain of invasin is sufficient to allow bacterial entry into mammalian cells. <b>1992</b> , 60, 3909-12	63
460	<i>Mycobacterium avium</i> -M. intracellulare binds to the integrin receptor alpha v beta 3 on human monocytes and monocyte-derived macrophages. <b>1993</b> , 61, 663-70	45
459	The fibronectin-binding protein of <i>Streptococcus pyogenes</i> , Sfbl, is involved in the internalization of group A streptococci by epithelial cells. <b>1997</b> , 65, 1357-63	210
458	Invasin-dependent and invasin-independent pathways for translocation of <i>Yersinia pseudotuberculosis</i> across the Peyer's patch intestinal epithelium. <b>1997</b> , 65, 3412-21	166
457	A single amino acid substitution in envelope protein E of tick-borne encephalitis virus leads to attenuation in the mouse model. <b>1990</b> , 64, 5156-9	87
456	Induction of E1A-responsive negative factors for transcription of the fibronectin gene in adenovirus E1-transformed rat cells. <b>1992</b> , 66, 6436-50	17
455	Evidence that measles virus hemagglutinin initiates modulation of leukocyte function-associated antigen 1 expression. <b>1995</b> , 69, 4357-63	3
454	Integrin alpha5beta1-mediated adenovirus infection is enhanced by the integrin-activating antibody TS2/16. <b>1997</b> , 71, 6204-7	104
453	Vaccinia virus induces Ca <sup>2+</sup> -independent cell-matrix adhesion during the motile phase of infection. <b>1998</b> , 72, 9924-33	15
452	The extracellular matrix coordinately modulates liver transcription factors and hepatocyte morphology. <b>1991</b> , 11, 4405-4414	77
451	Nonmyristoylated Abl proteins transform a factor-dependent hematopoietic cell line. <b>1992</b> , 12, 1864-1871	20
450	E1A-responsive elements for repression of rat fibronectin gene transcription. <b>1992</b> , 12, 2837-2846	19
449	Alternative splicing of chicken fibronectin in embryos and in normal and transformed cells. <b>1987</b> , 7, 4297-4307	42
448	Induction of macrophage colony-stimulating factor-dependent growth and differentiation after introduction of the murine c-fms gene into FDC-P1 cells. <b>1989</b> , 9, 5081-5092	37
447	Abciximab-induced delayed profound thrombocytopenia. <b>2017</b> , 2017,	2
446	Regulation and Directing Stem Cell Fate by Tissue Engineering Functional Microenvironments: Scaffold Physical and Chemical Cues. <b>2019</b> , 2019, 1-16	35

445	Adrenergic Receptor-Stimulated Cardiac Myocyte Apoptosis: Role of $\beta$ Integrins. <b>2011</b> , 2011, 179057	21
444	Melanocyte destruction and repigmentation in vitiligo: a model for nerve cell damage and regrowth. <b>2002</b> , 9, 564-73	10
443	Triflavin inhibits platelet-induced vasoconstriction in de-endothelialized aorta. <b>1997</b> , 17, 3461-8	18
442	7E3 monoclonal antibody directed against the platelet glycoprotein IIb/IIIa cross-reacts with the leukocyte integrin Mac-1 and blocks adhesion to fibrinogen and ICAM-1. <b>1997</b> , 17, 528-35	150
441	Alpha-v beta-3 integrin expression in normal and atherosclerotic artery. <b>1995</b> , 77, 1129-35	157
440	Neutrophil activation on biological surfaces. Massive secretion of hydrogen peroxide in response to products of macrophages and lymphocytes. <b>1987</b> , 80, 1550-60	636
439	Platelet glycoproteins Ia, Ic, and IIa are physicochemically indistinguishable from the very late activation antigens adhesion-related proteins of lymphocytes and other cell types. <b>1988</b> , 81, 505-13	92
438	Increased surface expression of CD11b/CD18 (Mac-1) is not required for stimulated neutrophil adherence to cultured endothelium. <b>1988</b> , 81, 676-82	267
437	Identification of pemphigus vulgaris antigen extracted from normal human epidermis and comparison with pemphigus foliaceus antigen. <b>1988</b> , 81, 807-12	166
436	Structure of platelet glycoprotein IIIa. A common subunit for two different membrane receptors. <b>1988</b> , 81, 1470-5	95
435	Neutrophil and monocyte cell surface p150,95 has iC3b-receptor (CR4) activity resembling CR3. <b>1988</b> , 82, 640-51	222
434	Antigenic polymorphism of human very late activation protein-2 (platelet glycoprotein Ia-IIa). Platelet alloantigen Hca. <b>1989</b> , 83, 978-85	15
433	Chinese hamster ovary cell adhesion to human platelet thrombospondin is dependent on cell surface heparan sulfate proteoglycan. <b>1989</b> , 83, 994-1001	71
432	Effects of interferon-gamma on expression of cell surface receptors for collagen and deposition of newly synthesized collagen by cultured human lung fibroblasts. <b>1989</b> , 83, 1505-11	63
431	Identification and characterization of cell-substratum adhesion receptors on cultured human endothelial cells. <b>1989</b> , 83, 1992-2002	158
430	Synthesis and expression of the fibroblast fibronectin receptor in human monocytes. <b>1989</b> , 84, 366-70	42
429	Localization of integrin receptors for fibronectin, collagen, and laminin in human skin. Variable expression in basal and squamous cell carcinomas. <b>1989</b> , 84, 1916-23	185
428	Point mutations impairing cell surface expression of the common beta subunit (CD18) in a patient with leukocyte adhesion molecule (Leu-CAM) deficiency. <b>1990</b> , 85, 977-81	86

427	Fc gamma receptor III on human neutrophils. Allelic variants have functionally distinct capacities. <b>1990, 85, 1287-95</b>	190
426	Vitronectin binds to activated human platelets and plays a role in platelet aggregation. <b>1990, 85, 1372-8</b>	70
425	Neutrophil bactericidal activity against <i>Staphylococcus aureus</i> adherent on biological surfaces. Surface-bound extracellular matrix proteins activate intracellular killing by oxygen-dependent and -independent mechanisms. <b>1990, 86, 942-51</b>	41
424	Immune and inflammatory processes in cutaneous tissues. Mechanisms and speculations. <b>1990, 86, 1783-9</b>	243
423	Bone matrix constituents stimulate interleukin-1 release from human blood mononuclear cells. <b>1991, 87, 221-8</b>	71
422	A deletion in the gene for glycoprotein IIb associated with Glanzmann's thrombasthenia. <b>1991, 87, 270-6</b>	58
421	Coupling of the adhesive receptor CD11b/CD18 to functional enhancement of effector macrophage tissue factor response. <b>1991, 87, 50-7</b>	85
420	Plasticity of integrin expression by nerve-derived connective tissue cells. Human Schwann cells, perineurial cells, and fibroblasts express markedly different patterns of beta 1 integrins during nerve development, neoplasia, and in vitro. <b>1991, 87, 811-20</b>	28
419	Fibrinogen acts as a bridging molecule in the adherence of <i>Staphylococcus aureus</i> to cultured human endothelial cells. <b>1991, 87, 2236-45</b>	79
418	Upregulated expression and function of VLA-4 fibronectin receptors on human activated T cells in rheumatoid arthritis. <b>1991, 88, 546-52</b>	174
417	Ligand bridging mediates integrin alpha IIb beta 3 (platelet GPIIb-IIIa) dependent homotypic and heterotypic cell-cell interactions. <b>1991, 88, 1128-34</b>	82
416	Blocking of lung endothelial cell adhesion molecule-1 (Lu-ECAM-1) inhibits murine melanoma lung metastasis. <b>1992, 89, 1718-24</b>	46
415	Expression, topography, and function of integrin receptors are severely altered in keratinocytes from involved and uninvolved psoriatic skin. <b>1992, 89, 1783-95</b>	106
414	Aberrant integrin expression during epidermal wound healing and in psoriatic epidermis. <b>1992, 89, 1892-901</b>	197
413	A new variant of Glanzmann's thrombasthenia (Strasbourg I). Platelets with functionally defective glycoprotein IIb-IIIa complexes and a glycoprotein IIIa 214Arg----214Trp mutation. <b>1992, 89, 1995-2004</b>	98
412	Involvement of integrin alpha V gene expression in human melanoma tumorigenicity. <b>1992, 89, 2018-22</b>	304
411	Role of beta 1 and beta 2 integrins in the adhesion of human CD34hi stem cells to bone marrow stroma. <b>1992, 90, 358-67</b>	293
410	Kistrin, an integrin antagonist, blocks endocytosis of fibrinogen into guinea pig megakaryocyte and platelet alpha-granules. <b>1993, 91, 193-200</b>	41

409	Distinct mechanisms of epithelial adhesion for <i>Candida albicans</i> and <i>Candida tropicalis</i> . Identification of the participating ligands and development of inhibitory peptides. <b>1993</b> , 92, 1840-9	60
408	Endothelial cell Ca <sup>2+</sup> increases upon tumor cell contact and modulates cell-cell adhesion. <b>1993</b> , 92, 3017-22	16
407	Age- and gender-related changes in the distribution of osteocalcin in the extracellular matrix of normal male and female bone. Possible involvement of osteocalcin in bone remodeling. <b>1994</b> , 93, 989-97	51
406	Prolonged impairment of very late activating antigen-mediated T cell proliferation via the CD3 pathway after T cell-depleted allogeneic bone marrow transplantation. <b>1994</b> , 94, 481-8	7
405	Synthetic fibronectin peptides suppress arthritis in rats by interrupting leukocyte adhesion and recruitment. <b>1994</b> , 94, 655-62	92
404	Intercellular adhesion molecule-1 is upregulated on peripheral blood T lymphocyte subsets in dual asthmatic responders. <b>1994</b> , 94, 1840-5	12
403	Blockade of very late antigen-4 integrin binding to fibronectin with connecting segment-1 peptide reduces accelerated coronary arteriopathy in rabbit cardiac allografts. <b>1995</b> , 95, 2601-10	86
402	Adhesion-activating phorbol ester increases the mobility of leukocyte integrin LFA-1 in cultured lymphocytes. <b>1996</b> , 97, 2139-44	282
401	The inhibition of vascular smooth muscle cell migration by peptide and antibody antagonists of the $\alpha$ v $\beta$ 3 integrin complex is reversed by activated calcium/calmodulin-dependent protein kinase II. <b>1997</b> , 100, 693-704	68
400	Outside-in signaling in the chondrocyte. Nitric oxide disrupts fibronectin-induced assembly of a subplasmalemmal actin/rho A/focal adhesion kinase signaling complex. <b>1997</b> , 100, 1789-96	91
399	Truncation of the cytoplasmic domain of $\beta$ 3 in a variant form of Glanzmann thrombasthenia abrogates signaling through the integrin $\alpha$ (IIb) $\beta$ 3 complex. <b>1997</b> , 100, 2393-403	95
398	Activated macrophages are essential in a murine model for T cell-mediated chronic psoriasiform skin inflammation. <b>2006</b> , 116, 2105-14	179
397	TGF- $\beta$ -dependent suppressive function of Tregs requires wild-type levels of CD18 in a mouse model of psoriasis. <b>2008</b> , 118, 2629-39	54
396	The antiapoptotic protein Bcl-xL negatively regulates the bone-resorbing activity of osteoclasts in mice. <b>2009</b> , 119, 3149-59	34
395	Inhibition of Cell Adhesion by Antibodies to Arg-Gly-Asp (RGD) in Normal Immunoglobulin for Therapeutic Use (Intravenous Immunoglobulin, IVIg). <b>1999</b> , 93, 3624-3631	4
394	Structure, Biochemical Properties, and Biological Functions of Integrin Cytoplasmic Domains. <b>2017</b> , 1-36	3
393	Bacterial Invasion Factors and Lectins as Second-Generation Bioadhesives. <b>1999</b> , 409-431	1
392	Integrins and Pulmonary Fibrosis. <b>2003</b> , 359-378	1

391	The Chemistry and Biology of C3, C4 and C5. <b>1998</b> , 83-118	39
390	Controversies in Endovascular Therapy for Carotid Artery Stenosis. <b>2005</b> , 325-343	1
389	Reperfusion Injury after Focal Cerebral Ischemia: The Role of Inflammation and the Therapeutic Horizon. <b>1998</b> , 43, 1382-1396	184
388	Spatial- and temporal-restricted pattern for amelogenin gene expression during mouse molar tooth organogenesis. <b>1988</b> , 104, 77-85	94
387	Patterns of fibronectin gene expression and splicing during cell migration in chicken embryos. <b>1988</b> , 104, 369-382	93
386	Functional differentiation and alveolar morphogenesis of primary mammary cultures on reconstituted basement membrane. <b>1989</b> , 105, 223-235	477
385	Distribution and possible interactions of actin-associated proteins and cell adhesion molecules of nerve growth cones. <b>1989</b> , 105, 505-519	133
384	Locomotory competence and laminin-specific cell surface binding sites are lost during myoblast differentiation. <b>1989</b> , 105, 795-802	30
383	Alternative splicing of fibronectin is temporally and spatially regulated in the chicken embryo. <b>1989</b> , 106, 375-388	152
382	Developmental loss of functional laminin receptors on retinal ganglion cells is regulated by their target tissue, the optic tectum. <b>1989</b> , 107, 381-387	71
381	The function of PS integrins in Drosophila wing morphogenesis. <b>1989</b> , 107, 891-897	87
380	Requirements for integrins during Drosophila development. <b>1990</b> , 108, 391-402	86
379	Potential role of RGD-binding integrins in mammalian lung branching morphogenesis. <b>1991</b> , 112, 551-558	71
378	Polar axis fixation in Fucus zygotes: components of the cytoskeleton and extracellular matrix. <b>1991</b> , 113, 11-16	30
377	Drosophila PS2 integrin mediates RGD-dependent cell-matrix interactions. <b>1992</b> , 116, 239-247	69
376	Cranial and trunk neural crest cells use different mechanisms for attachment to extracellular matrices. <b>1992</b> , 116, 531-541	49
375	The function of the neurogenic genes during epithelial development in the Drosophila embryo. <b>1992</b> , 116, 1203-1220	198
374	The distribution of PS integrins, laminin A and F-actin during key stages in Drosophila wing development. <b>1993</b> , 117, 509-523	145

373	Regulation of development and differentiation by the extracellular matrix. <b>1993</b> , 117, 1183-1198	878
372	Analyses of PS integrin functions during <i>Drosophila</i> development. <b>1993</b> , 118, 737-750	55
371	A novel, tissue-specific integrin subunit, beta nu, expressed in the midgut of <i>Drosophila melanogaster</i> . <b>1993</b> , 118, 845-858	67
370	A developmental analysis of oligodendroglial integrins in primary cells: changes in alpha v-associated beta subunits during differentiation. <b>1994</b> , 120, 3497-3506	163
369	Altered glycosylation and cell surface expression of beta 1 integrin receptors during keratinocyte activation. <b>1992</b> , 103, 743-753	36
368	Altering the cellular mechanical force balance results in integrated changes in cell, cytoskeletal and nuclear shape. <b>1992</b> , 103, 1215-1222	211
367	A chimeric N-cadherin/beta 1-integrin receptor which localizes to both cell-cell and cell-matrix adhesions. <b>1992</b> , 103, 943-951	41
366	Spatial organization of microfilaments and vitronectin receptor, alpha v beta 3, in osteoclasts. A study using confocal laser scanning microscopy. <b>1993</b> , 104, 663-670	67
365	Expression of integrin receptors and their role in adhesion, spreading and migration of normal human melanocytes. <b>1993</b> , 105, 179-190	39
364	Regulation of CD18 expression in human neutrophils as related to shape changes. <b>1993</b> , 106, 493-501	8
363	Alpha 7 beta 1 integrin is a component of the myotendinous junction on skeletal muscle. <b>1993</b> , 106, 579-589	92
362	Transient effect of epidermal growth factor on the motility of an immortalized mammary epithelial cell line. <b>1993</b> , 106, 869-878	83
361	Talin distribution and phosphorylation in thrombin-activated platelets. <b>1993</b> , 106, 1189-1199	31
360	E-cadherin is the major mediator of human melanocyte adhesion to keratinocytes in vitro. <b>1994</b> , 107, 983-992	190
359	Conformation dependence of integrin-type II collagen binding. Inability of collagen peptides to support alpha 2 beta 1 binding, and mediation of adhesion to denatured collagen by a novel alpha 5 beta 1-fibronectin bridge. <b>1994</b> , 107, 993-1005	89
358	Talin, vinculin and DRP (utrophin) concentrations are increased at mdx myotendinous junctions following onset of necrosis. <b>1994</b> , 107, 1477-1483	68
357	Overexpressing cell surface beta 1.4-galactosyltransferase in PC12 cells increases neurite outgrowth on laminin. <b>1995</b> , 108, 839-847	34
356	Integrin and spectrin homologues, and cytoplasm-wall adhesion in tip growth. <b>1995</b> , 108, 849-856	70

355	Alpha v beta 1 is a receptor for vitronectin and fibrinogen, and acts with alpha 5 beta 1 to mediate spreading on fibronectin. <b>1995</b> , 108, 1227-1238	40
354	A novel bone marrow frozen section assay for studying hematopoietic interactions in situ: the role of stromal bone marrow macrophages in erythroblast binding. <b>1996</b> , 109, 2937-2945	26
353	A simple method for measurement of cell-substrate attachment forces: application to HIV-1 Tat. <b>1997</b> , 110, 249-256	32
352	The integrin alphavbeta6 is critical for keratinocyte migration on both its known ligand, fibronectin, and on vitronectin. <b>1998</b> , 111, 2189-2195	114
351	Molecular diversity of cell-matrix adhesions. <b>1999</b> , 112, 1655-1669	351
350	Integrin (alpha) and beta subunit contribution to the kinetic properties of (alpha)2beta1 collagen receptors on human keratinocytes analyzed under hydrodynamic conditions. <b>1999</b> , 112, 2335-2345	13
349	Functional interaction between E-cadherin and alphav-containing integrins in carcinoma cells. <b>2000</b> , 113, 425-437	47
348	Integrin-mediated functional polarization of Caco-2 cells through E-cadherinβctin complexes. <b>2002</b> , 115, 543-552	61
347	Integrin bidirectional signaling: a molecular view. <b>2004</b> , 2, e169	124
346	Modulation of hepatocarcinoma cell morphology and activity by parylene-C coating on PDMS. <b>2010</b> , 5, e9667	14
345	Prevalence and genetic characterization of pertactin-deficient Bordetella pertussis in Japan. <b>2012</b> , 7, e31985	110
344	Effect of focal adhesion kinase inhibition on osteoblastic cells grown on titanium with different topographies. <b>2020</b> , 28, e20190156	7
343	Integrin β triggers the metastatic potential in renal cell carcinoma. <b>2017</b> , 8, 107530-107542	10
342	The effect of glucocorticoids on osteoblast function. The effect of corticosterone on osteoblast expression of beta 1 integrins. <b>1995</b> , 77, 396-404	31
341	Leukocyte traffic blockade as a therapeutic strategy in inflammatory bowel disease. <b>2013</b> , 14, 1490-500	31
340	Integrins as A New Target for Cancer Treatment. <b>2019</b> , 19, 580-586	17
339	Role of RGD-containing ligands in targeting cellular integrins: Applications for ovarian cancer virotherapy (Review). <b>2010</b> , 1, 233-240	12
338	Integrin Alpha-V Beta-3-Matrix Metalloproteinase-2 (MMP-2), Cross-Talk. <b>2015</b> , 06, 793-802	1



- 337 Production of Double-Layered Metal Nanocups for Artificial Nanospace of Biomolecular Reaction. **2011**, 50, 06GJ03 5
- 336 The Early Stages of Implantation and Placentation in the Pig. **2021**, 234, 61-89 3
- 335 Targeting Leukocyte Trafficking in Inflammatory Bowel Disease. **2021**, 35, 473-503 1
- 334 The Role of Integrins in Peritoneal Healing. **2000**, 85-99
- 333 Mechanism of blood coagulation. Newer aspects of anticoagulant and antithrombotic therapy. **2000**, 95-122
- 332 Active GPIIb-IIIa conformations that link ligand interaction with cytoskeletal reorganization. **2000**, 96, 2487-2495
- 331 Nitric oxide regulation of leukocyte adhesion molecule expression. **2001**, 99-116
- 330 Open-label Phase I Clinical Study to Assess the Safety of Intravenous Eptifibatide in Patients Undergoing Internal Carotid Artery Angioplasty and Stent Placement. **2001**, 48, 998-1005 8
- 329 CD11/CD18.
- 328 Expression of Adhesion Molecules in the Vascular Invasion Process of O-1N, Hamster Squamous Cell Carcinoma with High Potential of Lymph Node Metastasis.. **2002**, 7, 9-18
- 327 Cell Adhesion Molecules and Leukocyte Trafficking in Sepsis. **2002**, 23-38
- 326 Integrins and the myocardium. **2002**, 24, 87-105 3
- 325 Mimetic Peptide-Modified Materials for Control of Cell Differentiation. **2002**,
- 324 Molecular Biology. **2003**, 37-51
- 323 Mikroskopische Anatomie. **2003**, 10-39
- 322 Molecular Mechanisms of Leukocyte Adhesion. **2003**, 23-71 1
- 321 Aggregationshemmertherapie bei Koronarerkrankungen. **2004**, 897-910
- 320 Molecular Aspects of Foot-and-Mouth Disease Virus Virulence and Host Range. **2004**, 146-172 1

- 319 Early Invasive Vs. Early Conservative Strategies for Acute Coronary Syndromes. **2004**, 365-382 1
- 318 1. **2004**, 13-40
- 317 Statins, Inflammation, and Cardiomyopathy: Old Pathways, New Targets. **2006**, 155-166
- 316 Medical Treatment of Unstable Angina, Acute Non-ST-Elevation Myocardial Infarction, and Coronary Artery Spasm. **2007**, 937-961
- 315 Lymphocyte function-associated antigen-1 (LFA-1) and macrophage antigen-1 (Mac-1): Cooperative partners in leukocyte emigration and function. **2007**, 175-197
- 314 Cell Migration. **2007**, 6-1-6-21 2
- 313 Common mechanisms of retinal regeneration in the larval frog and embryonic chick. **1991**, 160, 192-204; discussion 204-8 4
- 312 Tyrosine phosphatases and their possible interplay with tyrosine kinases. **1992**, 164, 132-40; discussion 140-4 4
- 311 Regeneration of electroreceptors in weakly electric fish. **1991**, 160, 294-308; discussion 308-13 1
- 310 Cadherin-mediated specific cell adhesion and animal morphogenesis. **1989**, 144, 243-9; discussion 250-4, 290-5 4
- 309 Integrin Signaling. 1
- 308 Integrin  $\beta 1$  as a Novel Therapeutic Target in Renal Cancer. **2009**, 195-209
- 307 Identification of Activation of Latent TGF $\beta$ s Principal In Vivo Function of Integrin. **2009**, 83-96
- 306 Melanoma: Mutations in Multiple Pathways at the Tumor-Stroma Interface. **2010**, 455-469
- 305 Application of Atomic Force Microscopy to the Study of Expressed Molecules in or on a Single Living Cell. **2010**, 555-581
- 304 Microscopic Anatomy. **2010**, 15-51
- 303 Cell Adhesions and Signaling: A Tool for Biocompatibility Assessment. **2010**, 1-17
- 302 Stem Cells and CellMatrix Interactions in Lung. **2010**, 77-96

- 301 Inflammation. 1-76
- 300 Chemical Microenvironmental Factors. **2010**, 97-119
- 299 Menstruation and menstrual disorders. **2011**, 448-472 1
- 298 Serum Integrin  $\alpha^1\beta^1$  Levels as a Prognostic Marker in Metastatic Colorectal Cancer. **2011**, 36, 594-599
- 297 Development and Application of Conformation-Selective Integrin Antibodies.
- 296 Mechanisms of the Acute Attack of Gout and Its Resolution. **2013**, 207-289
- 295 Molecular Imaging of Inflammation and Intraplaque Vasa Vasorum. **2014**, 299-316
- 294 Peptide and Carbohydrate Moieties as Molecular Signals in Animal Cell Recognition. **1988**, 237-254 1
- 293 Molecules That Make Axons Grow. **1988**, 213-245
- 292 Interrelationships of cell-substrate and cell-cell adhesion structures in B-chronic lymphocytic leukemia (B-CLL) cells. **1988**, 237, 133-7
- 291 Bacterial Adherence in Pathogenicity. **1989**, 147-155
- 290 A Cluster of Antibodies (RR1/1, LB-2 and 84H10) That Inhibit LFA 1-Dependent Lymphoid and Myeloid Cell Adhesion Bind Intercellular Adhesion Molecule-1 (ICAM-1). **1989**, 577-580 1
- 289 Cellular Distribution and Heterogeneity of Endothelial Cell Adhesion Receptors. **1989**, 149-154
- 288 Microvascular endothelial cells of the skin. 3.. **1989**, 51, 661-664
- 287 Connectors of Supramolecular Assemblies. **1989**, 347-354
- 286 Structure and biological activity of basement membrane proteins. **1989**, 13-28
- 285 Tumor Invasion and Metastases: Biochemical Mechanisms. **1989**, 381-398
- 284 Tumor Invasion and Metastases. **1989**, 533-546 0

283 Versatility of Cell Adhesion Mechanisms. **1989**, 17-23

282 Lysis of Autologous Tumor Cells by Blood Lymphocytes In Vitro Requires MHC Class I Antigen Expression. **1989**, 52-65

281 CDw29 Molecules from the Monocyte Surface Are Required for CD3-Induced T Cell Activation. **1989**, 556-559

280 Deactivation of Laminin-Specific Cell-Surface Receptors Accompanies Immobilization of Myoblasts During Differentiation. **1989**, 272-281

279 The Role of Extracellular Proteases in Cell Proliferation and Differentiation. **1989**, 187-213

278 Generation of Diversity in the NCAM Adhesion Protein of Rodents. **1989**, 129-143

1

277 Biosynthesis and Processing of the Cytoadhesins, GPIIb/IIIa and Vitronectin Receptor. **1990**, 58-64

276 Effect of Oncogenes on Cell Differentiation. **1990**, 403-438

275 Functions of von Willebrand Factor in Plasma. **1990**, 44-55

274 Studies on the localization of fibrinogen binding sites on platelet glycoprotein IIIa. **1990**, 281, 251-6

273 Laminin Receptors: From PC12 Cells to PNS. **1990**, 185-197

272 Structure and Functions for the Adhesion Receptors VLA-2 and VLA-4: Comparisons to other Members of the Integrin Superfamily. **1990**, 44-57

271 Anti-Platelet Treatment of Metastasis. **1990**, 107-122

270 The Molecular Anatomy of Vitronectin as Extracellular Regulator Protein: Multifunctional Properties of the Heparin-Binding Domain. **1990**, 123-135

269 Introduction. **1990**, 1-3

268 Multiple epitope specificity of monoclonal antibodies to a single synthetic peptide: use in the characterization of the GP IIb-IIIa binding domain of von Willebrand factor. **1990**, 281, 133-44

267 The Role of LFA-1 and Related Antigens in Adhesion-Mediated Functions of Human Monocytes. **1990**, 159-169

1

266 Cell-type-specific expression of alternatively spliced human fibronectin IIIICS mRNAs. **1990**, 10, 662-671

20

- 265 Evidence for phosphatidylinositol-linked forms of human and avian fibronectin receptors.. **1990**, 265, 14069-14072 4
- 264 Platelet Adhesion to the Vessel Wall. **1991**, 83-91
- 263 The Extracellular Matrix: Cues from the Microcellular Environment Which Can Inhibit or Facilitate Glioma Cell Growth. **1991**, 73-86
- 262 Membrane Glycoproteins of Mast Cells and Basophils. **1991**, 369-407
- 261 Endothelial Cell-Matrix Interactions in Health and Disease. **1991**, 197-202
- 260 The Peyer's Patch Homing Receptor: A Novel Member of the Integrin Family. **1991**, 91-110
- 259 Cell adhesion molecules belonging to the immunoglobulin superfamily. **1991**, 73-79
- 258 Immunbiologie der Transplantatabstoßung. **1991**, 22-35
- 257 Integrins and cellular adherence molecules in skin. **1991**, 301, 62
- 256 Pathophysiological Significance of Endothelial Cell Integrins. **1991**, 225-229
- 255 Wechselwirkung zwischen immunkompetenten Zellen und der extrazellulären Matrix im Gastrointestinaltrakt und deren Relevanz in der Pathogenese chronisch-entzündlicher Darmerkrankungen. **1991**, 121-131 2
- 254 Antithrombotics and the Lipxygenase Pathway. **1991**, 159-179 0
- 253 Optimization of the microenvironment for mammalian cell culture in flexible collagen microspheres in a fluidized-bed bioreactor. **1991**, 17, 305-26 4
- 252 Patterns of fibronectin induction in lymph nodes affected by metastatic growth of adenocarcinomas. **1991**, 84 ( Pt 2), 35-47
- 251 Control of junB and extracellular matrix protein expression by transforming growth factor-beta 1 is independent of simian virus 40 T antigen-sensitive growth-sensitive growth-inhibitory events. **1991**, 11, 972-978 31
- 250 Expression of laminin and beta-1 integrin in embryonic, neonatal, and adult rat heart. **1991**, 49, 182-183
- 249 Eicosanoids, other fatty acid metabolites and the cardiovascular system: are the present antithrombotic approaches rational?. **1992**, 37, 273-81 1
- 248 Adhesion molecules: links between genes and morphology. **1992**, 145-156

247 Studies on the interaction of leucocytes and the myocardial vasculature. **1992**, 197-202

246 Adhäsionsmoleküle und Metastasierungsverhalten. **1992**, 32-40

245 Molecular and Cellular Basis of Eucaryotic Cell Invasion by Shigella flexneri. **1992**, 183-192

244 Endothelial Cell Adhesive Interactions. **1992**, 153-168

2

243 The Microvascular Phases of Metastasis. **1992**, 455-475

242 The Integrins: A General Overview. **1992**, 15-31

241 Role of Cellular Adhesion in Rheumatoid Synovitis. **1992**, 55-70

240 Biology of Cancer Invasion and liver metastases. **1992**, 25-39

239 Immunopathology of Rheumatoid Synovium. **1992**, 35-40

238 Regulation of leukocyte integrins. **1992**, 183-187

237 Entry into Eucaryotic Cells and Intracellular Movement of Shigella Flexneri. **1992**, 389-396

236 Snake Venom Proteins Affecting Platelet Functions. **1992**, 88-93

235 Collagen and Basement Membranes: Discovery and Progress. **1993**, 3-18

234 The role of cell adhesion molecules in asthma--an overview. **1993**, 43, 141-50

1

233 Function of a Soluble Human  $\alpha$  Integrin CD11b/CD18. **1993**, 34-44

232 Molecular Basis for Leukocyte Adhesion Molecule Deficiency. **1993**, 335-346

1

231 Structure and function of platelet membrane glycoproteins. **1993**, 15-32

1

230 Klinik, Genetik und Immunologie der leukozytären Adhäsionsproteindefizienzen. **1993**, 1-55

- 229 Coordinate Role for Proteoglycans and Integrins in Cell Adhesion. **1993**, 127-147
- 228 Adhesion Molecules at Endothelial Cell to Cell Junctions. **1993**, 149-163
- 227 Zellinteraktionsmoleküle in der Tumor-Wirt-Auseinandersetzung. **1993**, 134-144
- 226 Functional Mapping and Regulation of VLA-4 Adhesion Activities. **1993**, 67-77
- 225 Co-stimulation of T-Lymphocyte Activation by Adhesion Molecules. **1993**, 256-269
- 224 Factors Controlling the Directionality of Mesoderm Cell Migration in the *Xenopus* Gastrula. **1993**, 355-367 1
- 223 Distribution of VLA-5 and VLA-4 fibronectin receptors in human monocytes demonstrated by immunofluorescence, immunocytochemistry, and autoradiography. **1993**, 51, 306-307
- 222 Adhesion Receptors in Normal Skin and Cutaneous Malignant Lymphomas: Pathophysiological and Clinical Correlations. **1994**, 141-155
- 221 Human Basic Fibroblast Growth Factor: Structure-Function Relationship of an Angiogenic Molecule. **1994**, 39-50
- 220 Integrin Modulating Factor and the Regulation of Leukocyte Integrins. **1994**, 25-35
- 219 Mechanismen der zellulären Migration. **1994**, 25-36
- 218 The Inflammatory Process. **1994**, 17-31
- 217 Other Essential Fatty Acids, Their Metabolites and Cell-Cell Interactions. **1994**, 99-116 1
- 216 Molecular Properties of Human Platelet Integrin  $\alpha$ IIb $\beta$ 3. **1994**, 195-235
- 215 Ischemic effects on the structure and function of the plasma membrane. **1994**, 22, 361-402
- 214 The Biological Function of  $\beta$  Integrins and Other Vitronectin Receptors. **1994**, 3-24
- 213 Integrins and Homing Receptors in Cutaneous Lymphomas. **1994**, 157-175
- 212 Mechanisms of Leukocyte-Mediated No-Reflow and Tissue Injury in the Microcirculation. **1994**, 331-351

- 211 Quantitation of Platelet Consumption in Health and Disease. **1994**, 67-90 1
- 210 Adhesion Molecules Involved in the Extravasation of Lymphocytes in Lymphoid Organs and Chronically Inflamed Tissues. **1994**, 113-140
- 209 Leukocyte Integrins. **1994**, 163-194 1
- 208 Identification and functional characterization of mouse integrin  $\beta$  subfamily receptor on T lymphocyte and platelet. **1995**, 41, 361-369
- 207 Plasma Membrane-Cell-Wall Adhesion and its Role in Response to Biotic and Abiotic Stresses. **1995**, 19-29
- 206 Endothelial Cells and Cerebrovascular Disease. **1995**, 173-183 1
- 205 Immunbiologie der Transplantatabstossung. **1995**, 23-37
- 204 Acidification and Bone Resorption: The Role and Characteristics of V-ATPases in the Osteoclast. **1995**, 49-73
- 203 The Extracellular Matrix in Development. **1995**, 149-167
- 202 The extracellular matrix. **1996**, 251-286
- 201 Tissue engineering: Tubular tissues. **1996**, 275-282
- 200 Veränderungen von Thrombozytenglykoproteinen und Markern des Hämostasesystems bei Patienten mit akuter Leukämie. **1996**, 145-158
- 199 Erkrankungen des Bindegewebes. **1996**, 697-765
- 198 Bioconjugate Techniques - Pages 673-725. **1996**, 673-725
- 197 The Membrane-Associated Cytoskeleton and Exoskeleton. **1996**, 47-72
- 196 Laminin in neural development. **1996**, 67-86
- 195 Polymorphonuclear-Endothelial Cell Interactions and the Control of Coronary Vasculature. **1996**, 89-97
- 194 Inflammation and Growth Factors. **1997**, 303-305



- 193 Adhesion molecules in non-Hodgkin's lymphoma. **1996**, 85, 119-39
- 192 Antagonism of leukocyte adherence by synthetic fibronectin peptide V in a rat model of transient focal cerebral ischemia. **1997**, 40, 557-63; discussion 563-4 2
- 191 Antagonism of Leukocyte Adherence by Synthetic Fibronectin Peptide V in a Rat Model of Transient Focal Cerebral Ischemia. **1997**, 40, 557-564 14
- 190 A Three Amino Acid Deletion in Glycoprotein IIIa Is Responsible for Type I Glanzmann's Thrombasthenia: Importance of Residues Ile325Pro326Gly327 for  $\beta$  Integrin Subunit Association. **1997**, 90, 669-677 1
- 189 Regulation of keratin and integrin gene expression in cancer and drug resistance. **1998**, 321-344
- 188 EXPRESSION OF INTERCELLULAR ADHESION MOLECULE-1 IN MICE WITH PSEUDOMONAS-INDUCED PYELONEPHRITIS. **1998**, 592-596 1
- 187 A Gln747->Pro Substitution in the  $\alpha$ IIb Subunit Is Responsible for a Moderate  $\alpha$ IIb $\beta$  Deficiency in Glanzmann Thrombasthenia. **1998**, 92, 2750-2758 1
- 186 Linking Biochemical, Pathologic, and Clinical Events in Acute Coronary Syndromes. **1999**, 19-56 1
- 185 How early studies of inflammation led to our current views on the roles of vascular adhesion molecules. **1999**, 1-10 1
- 184 Bindegewebe. **1999**, 84-94
- 183 Engineering Biomaterials for Tissue Engineering. **1999**,
- 182 QCM-ECIS: Combined Viscoelastic and Dielectric Sensing of Cells. **2018**, 151-293 1
- 181 Platelet Membrane  $\alpha$ IIb $\beta$  (Glycoprotein IIb-IIIa). **2017**, 55-82
- 180 Chloroalkene Dipeptide Isosteres as Peptidomimetics. **2018**, 17-47
- 179 Mechanisms of integrin  $\alpha$ 5 $\beta$ 1 clustering in flat clathrin lattices. 2
- 178 Nanomaterials in Gene Therapy Technology. 63-107
- 177 Immunologic Disorders. **2020**, 1717-1763.e11
- 176 Leukosit Adezyon Defekti (Tip I ve Tip III) Tanımla Zelenen 14 Hastanın Klinik, Hematolojik Özellikleri ve Tedavi Sonuçlarının Değerlendirilmesi. 1-9

- 175 Combinatorial mathematical modelling approaches to interrogate rear retraction dynamics in 3D cell migration.
- 174 Perspective on Epithelial-Mesenchymal Transitions in Embryos. **2021**, 2179, 7-12
- 173 Responsive Polymeric Architectures and Their Biomaterial Applications. **2022**, 509-524 1
- 172 RGD engineered dendrimer nanotherapeutic as an emerging targeted approach in cancer therapy. **2021**, 340, 221-242 20
- 171 Mesenchymal stem cell-derived extracellular matrix (mECM): a bioactive and versatile scaffold for musculoskeletal tissue engineering. **2020**, 16, 012002 0
- 170 Cell adhesion suppresses autophagy via Src/FAK-mediated phosphorylation and inhibition of AMPK. **2022**, 89, 110170 1
- 169 Extracellular Matrix and Mesothelioma: Some Clues to the Invasive Behavior of Mesothelioma. **2005**, 166-185
- 168 Modulation of Integrin Function by Endoproteolytic Processing: Role in Tumour Progression. **2006**, 107-119
- 167 New Antiplatelet Strategies in the Adjunctive Treatment of Acute Myocardial Infarction. **1997**, 375-387
- 166 Drugs in Development. **1997**, 615-641
- 165 Endothelial Cell Biology. **1997**, 123-138
- 164 Atherosclerosis and coronary heart disease. **1999**, 1-22
- 163 Molecular Mechanisms of Platelet Activation and Inhibition. **1999**, 143-167
- 162 Antiplatelet Drugs. **2005**, 203-218
- 161 Platelet Physiology. **2005**, 3-20
- 160 Platelets and Prothrombin. **2005**, 283-300
- 159 Platelet Integrins and Signaling. **2005**, 21-42
- 158 Endothelial Injury and Cell Cycle Re-Entry. **2006**, 207-219

157	An integral membrane protein antigen associated with the membrane attachment sites of actin microfilaments is identified as an integrin beta-chain. <b>1988</b> , 8, 564-570	6
156	Both cell substratum regulation and hormonal regulation of milk protein gene expression are exerted primarily at the posttranscriptional level. <b>1988</b> , 8, 3183-3190	25
155	Fibronectin is overproduced by keloid fibroblasts during abnormal wound healing. <b>1989</b> , 9, 1642-1650	32
154	Perspectives on the future of platelet glycoprotein IIb/IIIa blockade therapy. <b>1998</b> , 25, 49-56	2
153	Molecular and biological characterization of fusion regulatory proteins (FRPs): anti-FRP mAbs induced HIV-mediated cell fusion via an integrin system. <b>1994</b> , 13, 2044-55	22
152	Amino acid sequence of mouse nidogen, a multidomain basement membrane protein with binding activity for laminin, collagen IV and cells. <b>1989</b> , 8, 65-72	50
151	A novel integrin (alpha E beta 4) from human epithelial cells suggests a fourth family of integrin adhesion receptors. <b>1989</b> , 8, 673-80	92
150	Endocytosis and recycling of the fibronectin receptor in CHO cells. <b>1989</b> , 8, 1341-8	78
149	The primary structure of the alpha 4 subunit of VLA-4: homology to other integrins and a possible cell-cell adhesion function. <b>1989</b> , 8, 1361-8	64
148	Peyer's patch-specific lymphocyte homing receptors consist of a VLA-4-like alpha chain associated with either of two integrin beta chains, one of which is novel. <b>1989</b> , 8, 1735-41	59
147	Sequence analysis of alpha 1(VI) and alpha 2(VI) chains of human type VI collagen reveals internal triplication of globular domains similar to the A domains of von Willebrand factor and two alpha 2(VI) chain variants that differ in the carboxy terminus. <b>1989</b> , 8, 1939-46	38
146	Cloning, sequence analysis and expression of a cDNA encoding a novel insulin-like growth factor binding protein (IGFBP-2). <b>1989</b> , 8, 2497-502	36
145	Molecular cloning of murine intercellular adhesion molecule (ICAM-1). <b>1989</b> , 8, 2889-96	47
144	A novel integrin beta subunit is associated with the vitronectin receptor alpha subunit (alpha v) in a human osteosarcoma cell line and is a substrate for protein kinase C. <b>1989</b> , 8, 2955-65	54
143	Regulated expression of Mg <sup>2+</sup> binding epitope on leukocyte integrin alpha subunits. <b>1989</b> , 8, 3759-65	104
142	Bacterial internalization mediated by beta 1 chain integrins is determined by ligand affinity and receptor density. <b>1993</b> , 12, 1887-95	47
141	Targeted disruption of the PU.1 gene results in multiple hematopoietic abnormalities. <b>1996</b> , 15, 5647-58	327
140	Characterization of the integrin alpha 8 subunit: a new integrin beta 1-associated subunit, which is prominently expressed on axons and on cells in contact with basal laminae in chick embryos. <b>1991</b> , 10, 2375-85	40

139	Identification of a novel recognition sequence for the integrin alpha 4 beta 1 in the COOH-terminal heparin-binding domain of fibronectin. <b>1991</b> , 10, 4089-95	49
138	Drosophila fibronectin: a protein that shares properties similar to those of its mammalian homologue. <b>1988</b> , 7, 215-23	6
137	Transmembrane orientation and receptor-like structure of the Rhizobium meliloti common nodulation protein NodC. <b>1988</b> , 7, 583-8	21
136	Sequence of the twist gene and nuclear localization of its protein in endomesodermal cells of early Drosophila embryos. <b>1988</b> , 7, 2175-83	124
135	Electron microscopy and structural model of human fibronectin receptor. <b>1988</b> , 7, 4093-9	53
134	Attachment, spreading and locomotion of avian neural crest cells are mediated by multiple adhesion sites on fibronectin molecules. <b>1988</b> , 7, 2661-71	50
133	Amino acid sequence of the murine Mac-1 alpha chain reveals homology with the integrin family and an additional domain related to von Willebrand factor. <b>1988</b> , 7, 1371-8	38
132	Amino acid sequence of a novel integrin beta 4 subunit and primary expression of the mRNA in epithelial cells. <b>1990</b> , 9, 757-63	62
131	Cloning and sequence analysis of beta-4 cDNA: an integrin subunit that contains a unique 118 kd cytoplasmic domain. <b>1990</b> , 9, 765-70	82
130	Cloning, primary structure and properties of a novel human integrin beta subunit. <b>1990</b> , 9, 1561-8	49
129	Drosophila chaoptin, a member of the leucine-rich repeat family, is a photoreceptor cell-specific adhesion molecule. <b>1990</b> , 9, 1969-77	35
128	Identification of the integrin binding domain of the Yersinia pseudotuberculosis invasin protein. <b>1990</b> , 9, 1979-89	86
127	Contact-dependent regulation of vinculin expression in cultured fibroblasts: a study with vinculin-specific cDNA probes. <b>1987</b> , 6, 2897-905	18
126	cDNA cloning and complete primary structure of the alpha subunit of a leukocyte adhesion glycoprotein, p150,95. <b>1987</b> , 6, 4023-8	54
125	Circulating integrins: alpha 5 beta 1, alpha 6 beta 4 and Mac-1, but not alpha 3 beta 1, alpha 4 beta 1 or LFA-1. <b>1992</b> , 11, 405-10	87
124	Analysis of alpha 1 beta 1, alpha 2 beta 1 and alpha 3 beta 1 integrins in cell-collagen interactions: identification of conformation dependent alpha 1 beta 1 binding sites in collagen type I. <b>1992</b> , 11, 3865-73	47
123	Characterization of beta2 (CD18) integrin phosphorylation in phorbol ester-activated T lymphocytes. <b>1999</b> , 339 ( Pt 1), 119-25	10
122	Endoproteolytic processing of integrin pro-alpha subunits involves the redundant function of furin and proprotein convertase (PC) 5A, but not paired basic amino acid converting enzyme (PACE) 4, PCSB or PC7. <b>2000</b> , 346 Pt 1, 133-8	35

121	Enzymic methylation of arginyl residues in -gly-arg-gly- peptides. <b>2000</b> , 348 Pt 3, 573-8	2
120	Bovine leukocyte adhesion deficiency in Holstein cattle. <b>1993</b> , 57, 255-61	15
119	Expression and role of adhesion molecule CD18 on bovine neutrophils. <b>1995</b> , 59, 1-7	14
118	Radiographic and immunohistochemical analysis of leukocyte adhesion deficiency in Holstein heifers. <b>1995</b> , 59, 316-8	1
117	IL-10 augments CD23 expression on U937 cells and down-regulates IL-4-driven CD23 expression on cultured human blood monocytes: effects of IL-10 and other cytokines on cell phenotype and phagocytosis. <b>1995</b> , 85, 311-7	29
116	Identification of an amino acid sequence in the laminin A chain mediating mast cell attachment and spreading. <b>1991</b> , 72, 144-9	19
115	Mast cell adhesion to fibronectin. <b>1991</b> , 73, 478-84	53
114	Role of monocyte fucose-receptors in T-cell fibronectin activity. <b>1991</b> , 74, 473-7	5
113	Fibronectin fragments released from phorbol ester-stimulated pulmonary artery endothelial cell monolayers promote neutrophil chemotaxis. <b>1991</b> , 74, 114-20	33
112	A novel T-lymphocyte molecule that may function in the induction of self-tolerance and MHC-restriction within the human thymic microenvironment. <b>1988</b> , 64, 101-5	18
111	Adhesion of T and B lymphocytes to fibroblasts in tissue culture. <b>1988</b> , 65, 385-92	11
110	Adhesion of human T-lymphoid cells to fibronectin is mediated by two different fibronectin domains. <b>1990</b> , 69, 121-6	13
109	Differential expression of MHC- and macrophage-associated antigens in human fetal and postnatal small intestine. <b>1990</b> , 69, 409-15	15
108	Adhesion to fibronectin primes eosinophils via alpha 4 beta 1 (VLA-4). <b>1994</b> , 82, 222-8	56
107	ICAM-1/LFA-1 interactions in T-lymphocyte activation and adhesion to cells of the blood-retina barrier in the rat. <b>1994</b> , 83, 52-7	23
106	Specific cleavage of the alpha 4 integrin associated with activation of peripheral T lymphocytes. <b>1993</b> , 78, 80-5	8
105	Adhesion and penetration properties of human lymphocytes acting on allogeneic vascular endothelial cells. <b>1994</b> , 81, 538-45	16
104	Phenotypic study of CD4+ and CD8+ lymphocyte subsets in relation to cytomegalovirus carrier status and its correlate with pokeweed mitogen-induced B lymphocyte differentiation. <b>1989</b> , 77, 245-51	10

103	Human mononuclear phagocyte molecules and the use of monoclonal antibodies in their detection. <b>1987</b> , 69, 687-94	27
102	Cellular adhesion molecules. Newly identified mediators of angiogenesis. <b>1996</b> , 148, 1023-9	55
101	Inflammatory bowel disease in C.B-17 scid mice reconstituted with the CD45RB <sup>high</sup> subset of CD4 <sup>+</sup> T cells. <b>1996</b> , 148, 1503-15	132
100	Expression of the beta 7 integrin by human endothelial cells. <b>1996</b> , 149, 1651-60	23
99	Distribution of integrin cell adhesion molecules in endometrial cancer. <b>1995</b> , 146, 717-26	43
98	Expression of cellular adhesion molecules in Langerhans cell histiocytosis and normal Langerhans cells. <b>1995</b> , 147, 1161-71	29
97	Decreased expression of integrin adhesive protein receptors in adenocarcinoma of the breast. <b>1990</b> , 137, 863-70	175
96	Intercellular adhesion molecule-1 (ICAM-1) in cellular immune reactions in the human central nervous system. <b>1990</b> , 136, 1309-16	284
95	Widespread histologic distribution of the alpha 2 beta 1 integrin cell-surface collagen receptor. <b>1990</b> , 137, 113-20	136
94	A beta 1-integrin receptor for fibronectin in human kidney glomeruli. <b>1989</b> , 134, 481-9	65
93	Fibronectin in multiple sclerosis lesions. <b>1989</b> , 135, 161-8	105
92	Tumor cell-endothelial interactions. Increased adhesion of human melanoma cells to activated vascular endothelium. <b>1988</b> , 133, 204-10	92
91	A relationship between proteinuria and acute tubulointerstitial disease in rats with experimental nephrotic syndrome. <b>1991</b> , 138, 1111-23	88
90	Inhibition of angiogenesis in vitro by Arg-Gly-Asp-containing synthetic peptide. <b>1991</b> , 138, 829-33	54
89	Expression of VLA-alpha 2, VLA-alpha 6, and VLA-beta 1 chains in normal mucosa and adenomas of the colon, and in colon carcinomas and their liver metastases. <b>1991</b> , 138, 741-50	127
88	Immunohistochemical localization of integrins in the normal, hyperplastic, and neoplastic breast. Correlations with their functions as receptors and cell adhesion molecules. <b>1991</b> , 139, 787-99	159
87	Thrombospondin and other possible related matrix proteins in malignant and benign breast disease. An immunohistochemical study. <b>1992</b> , 140, 1473-82	61
86	Macrophage differentiation in atherosclerosis. An in situ immunohistochemical analysis in humans. <b>1992</b> , 141, 161-8	45

85	Role of beta 1-integrins in epidermotropism of malignant T cells. <b>1992</b> , 141, 855-60	26
84	Characterization of glomerular epithelial cell matrix receptors. <b>1992</b> , 141, 571-8	69
83	Shope papilloma cell and leukocyte proliferation in regressing and progressing lesions. <b>1993</b> , 142, 489-96	24
82	Tissue distribution of very late activation antigens-1/6 and very late activation antigen ligands in the normal thymus and in thymoma. <b>1993</b> , 142, 765-72	7
81	Reconstruction of alveolus-like structure from alveolar type II epithelial cells in three-dimensional collagen gel matrix culture. <b>1993</b> , 142, 783-92	60
80	Extracellular matrix components induce endocrine differentiation in vitro in NCI-H716 cells. <b>1993</b> , 142, 773-82	29
79	Distribution of VLA integrins in solid tumors. Emergence of tumor-type-related expression. Patterns in carcinomas and sarcomas. <b>1993</b> , 142, 1009-18	39
78	Expression of integrin family of cell adhesion receptors in rheumatoid synovium. Alpha 6 integrin subunit in normal and hyperplastic synovial lining cell layer. <b>1993</b> , 142, 1019-27	21
77	Expression of cell-cell and cell-matrix adhesion proteins by sinusoidal endothelial cells in the normal and cirrhotic human liver. <b>1993</b> , 143, 738-52	101
76	Differential expression of extracellular matrix molecules and the alpha 6-integrins in the normal and neoplastic prostate. <b>1994</b> , 145, 167-74	118
75	The tumor microenvironment: possible role of integrins and the extracellular matrix in tumor biological behavior of intratubular germ cell neoplasia and testicular seminomas. <b>1994</b> , 144, 1035-44	16
74	Dynamic expression of alpha 1 beta 1 and alpha 2 beta 1 integrin receptors by human vascular smooth muscle cells. Alpha 2 beta 1 integrin is required for chemotaxis across type I collagen-coated membranes. <b>1994</b> , 145, 1070-81	111
73	Expression of monoclonal antibody HML-1-defined alpha E beta 7 integrin in cutaneous T cell lymphoma. <b>1994</b> , 145, 1148-58	35
72	Tissue distribution of liver regulating protein. Evidence for a cell recognition signal common to liver, pancreas, gonads, and hemopoietic tissues. <b>1994</b> , 145, 715-27	11
71	Vitronectin receptor: tissue specific expression or adaptation to culture?. <b>1990</b> , 71, 741-59	47
70	Laminin receptors on SCLC cells. <b>1991</b> , 14, 83-5	1
69	Leukocyte adhesion proteins: their role in neutrophil function. <b>1990</b> , 101, 207-24; discussion 224-6	2
68	Embryonic corneal epithelial actin alters distribution in response to laminin. <b>1992</b> , 33, 324-33	12

67	Elevated plasma fibronectin levels associated with venous thromboembolism. <b>2008</b> , 100, 224-8	4
66	Functional differentiation and alveolar morphogenesis of primary mammary cultures on reconstituted basement membrane. <b>1989</b> , 105, 223-35	289
65	Epithelial microfilament regulators show regional distribution in mouse conjunctiva. <b>2010</b> , 16, 2215-24	2
64	Target-Based Small Molecule Drug Discovery Towards Novel Therapeutics for Inflammatory Bowel Diseases. <b>2021</b> , 27, S38-S62	4
63	Structure-Function Relationship of the Disintegrin Family: Sequence Signature and Integrin Interaction.. <b>2021</b> , 8, 783301	0
62	Encyclopedia of Molecular Pharmacology. <b>2021</b> , 838-847	
61	Differently Charged P (VDF-TrFE) Membranes Influence Osteogenesis Through Differential Immunomodulatory Function of Macrophages. <b>2022</b> , 8,	1
60	ECM-integrin signalling instructs cellular position-sensing to pattern the early mouse embryo.. <b>2021</b> ,	2
59	Integrin/TGF- $\beta$ inhibitor GLPG-0187 blocks SARS-CoV-2 Delta and Omicron pseudovirus infection of airway epithelial cells which could attenuate disease severity.. <b>2022</b> ,	2
58	Tumor-Targeted Fluorescence Imaging and Mechanisms of Tumor Cell-Derived Carbon Nanodots.. <b>2022</b> , 14,	
57	Integrins and their role in megakaryocyte development and function.. <b>2021</b> ,	0
56	CD11b agonists offer a novel approach for treating lupus nephritis.. <b>2022</b> ,	2
55	Targeted Delivery of Chemotherapeutic Agents for Osteosarcoma Treatment.. <i>Frontiers in Oncology</i> , <b>2022</b> , 12, 843345	5.3 1
54	Combining metal induced energy transfer and atomic force microscopy to probe the mechanoreponse of a focal adhesion. <b>2022</b> ,	0
53	Platelet membrane-cloaked selenium/ginsenoside Rb1 nanosystem as biomimetic reactor for atherosclerosis therapy.. <b>2022</b> , 214, 112464	2
52	Mimetics of the Arg-Gly-Asp Sequence: Synthesis and Studies of the Antiaggregative Properties. <i>Russian Journal of Bioorganic Chemistry</i> , <b>2021</b> , 47, 1249-1256	1
51	MYCL promotes iPSC-like colony formation via MYC Box 0 and 2 domains.. <i>Scientific Reports</i> , <b>2021</b> , 11, 24254	4.9
50	The Extracellular Matrix in Soft Tissue Sarcomas: Pathobiology and Cellular Signalling.. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 763640	5.7 0



49	Integrin-Mediated Targeted Cancer Therapy Using c(RGDyK)-Based Conjugates of Gemcitabine.. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> ,	8.3	1
48	Targeting Angiogenic Factors for the Treatment of Medulloblastoma.. <i>Current Treatment Options in Oncology</i> , <b>2022</b> , 23, 864	5.4	
47	Table_1.DOCX. <b>2018</b> ,		
46	Image_1.tif. <b>2020</b> ,		
45	Image_2.tif. <b>2020</b> ,		
44	Image_3.tif. <b>2020</b> ,		
43	Image_4.tif. <b>2020</b> ,		
42	Image_5.tif. <b>2020</b> ,		
41	Mechanism of integrin activation by talin and its cooperation with kindlin.. <i>Nature Communications</i> , <b>2022</b> , 13, 2362	17.4	2
40	ANTITHROMBOTIC, ANTICOAGULANT, AND THROMBOLYTIC AGENTS. <i>Dental Clinics of North America</i> , <b>1996</b> , 40, 649-664	3.3	3
39	Integrin/TGF- $\beta$ Inhibitor GLPG-0187 Blocks SARS-CoV-2 Delta and Omicron Pseudovirus Infection of Airway Epithelial Cells In Vitro, Which Could Attenuate Disease Severity. <i>Pharmaceuticals</i> , <b>2022</b> , 15, 618	5.2	0
38	Revisiting laminin and extracellular matrix remodeling in metastatic squamous cell carcinoma: What have we learned after more than four decades of research?. <i>Molecular Carcinogenesis</i> ,	5	0
37	Ancient Origins of Cytoskeletal Crosstalk: Spectraplakins-like Proteins Precede the Emergence of Cortical Microtubule Stabilization Complexes as Crosslinkers. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5594	6.3	0
36	Mechanism of ketotifen fumarate inhibiting renal calcium oxalate stone formation in SD rats. <i>Biomedicine and Pharmacotherapy</i> , <b>2022</b> , 151, 113147	7.5	0
35	Adhesion of Dictyostelium Amoebae to Surfaces: A Brief History of Attachments. <i>Frontiers in Cell and Developmental Biology</i> , <b>2022</b> , 10,	5.7	0
34	A Pilot Study of Radiomics Models Combining Multi-Probe and Multi-Modality Images of <sup>68</sup> Ga-NOTA-PRGD2 and <sup>18</sup> F-FDG PET/CT for Differentiating Benign and Malignant Pulmonary Space-Occupying Lesions. <i>Frontiers in Oncology</i> , 12,	5.3	
33	The Connection Between Rap1 and Talin1 in the Activation of Integrins in Blood Cells. <i>Frontiers in Cell and Developmental Biology</i> , <b>2022</b> , 10,	5.7	0
32	Bit1 is involved in regulation between integrin and TGF $\beta$ signaling in lens epithelial cells. <i>Cell Cycle</i> , 1-15	4.7	

31	Molecular Condensation and Mechanoregulation of Plant Class I Formin, an Integrin-like Actin Nucleator. <i>FEBS Journal</i> ,	5-7
30	Knockout of integrin $\beta$ in induced pluripotent stem cells accelerates skin-wound healing by promoting cell migration in extracellular matrix. <b>2022</b> , 13,	
29	Integrins in Ovarian Cancer: Survival Pathways, Malignant Ascites and Targeted Photochemistry.	0
28	The gripping story of integrins. <b>2022</b> ,	2
27	The role of the dystrophin glycoprotein complex in muscle cell mechanotransduction. <b>2022</b> , 5,	1
26	The art and science of building castles in the sky and houses of cards that don't collapse. <b>2022</b> ,	0
25	Richard Hynes, Erkki Ruoslahti, and Timothy Springer receive Lasker prize for pioneering work on integrins. <b>2022</b> , 132,	0
24	QnAs with Richard O. Hynes, Erkki Ruoslahti, and Timothy A. Springer: Winners of the 2022 Albert Lasker Basic Medical Research Award. <b>2022</b> , 119,	0
23	Reflections on Integrins Past, Present, and Future. <b>2022</b> , 328, 1291	0
22	Prolactin-Induced Protein facilitates corneal wound healing. <b>2022</b> , 109300	1
21	Protein nanoparticles as natural drugs carriers for cancer therapy.	3
20	The Role of Molecular and Hormonal Factors in Obesity and the Effects of Physical Activity in Children. <b>2022</b> , 23, 15413	0
19	Comparative transcriptome, digital gene expression and proteome profiling analyses provide insights into the brachyurization from the megalopa to the first juvenile in <i>Eriocheir sinensis</i> . <b>2023</b> , 9, e12736	0
18	Affinity and Kinetic Analysis of the Molecular Interaction of ICAM-1 and Leukocyte Function-Associated Antigen-1. <b>1998</b> , 161, 4016-4022	11
17	Lipopolysaccharide-Coated Erythrocytes Activate Human Neutrophils Via CD14 While Subsequent Binding Is Through CD11b/CD18. <b>1999</b> , 162, 4220-4225	7
16	Regulation of Integrin-Mediated T Cell Adhesion by the Transmembrane Protein Tyrosine Phosphatase CD45. <b>1999</b> , 162, 7120-7127	14
15	The Nonintegrin Laminin Binding Protein (p67 LBP) Is Expressed on a Subset of Activated Human T Lymphocytes and, Together with the Integrin Very Late Activation Antigen-6, Mediates Avid Cellular Adherence to Laminin. <b>1999</b> , 163, 3430-3440	2
14	Integrin $\beta$ targeted cancer imaging and therapy. <b>2023</b> , 4, 4	0

- 13 The Behaviour of Cancers: Invasion and Metastasis II. Experimental Analysis of Mechanisms. **2023**, 175-227 ○
- 12 A novel approach for large-scale manufacturing of small extracellular vesicles from bone marrow-derived mesenchymal stromal cells using a hollow fiber bioreactor. 11, ○
- 11 Mechanisms of Platelet Adhesion. **1999**, 21-34 1
- 10 Gelatin-based nanosystems for therapeutic applications. **2023**, 497-520 ○
- 9 A review on regulation of cell cycle by extracellular matrix. **2023**, 232, 123426 ○
- 8 Assessing a computational pipeline to identify binding motifs to the  $\alpha 5 \beta 1$  integrin. 11, ○
- 7 Roles for Integrin  $\beta 1$  in Development and Disease. **2023**, 27-95 ○
- 6 Immune determinants of the pre-metastatic niche. **2023**, 41, 546-572 ○
- 5 Inflammation Responses to Bone Scaffolds under Mechanical Stimuli in Bone Regeneration. **2023**, 14, 169 ○
- 4  $\alpha 5 \beta 1$  Integrins in Immune Homeostasis and Disease. **2023**, 273-307 ○
- 3 Non-Viral Carriers for Nucleic Acids Delivery: Fundamentals and Current Applications. **2023**, 13, 903 ○
- 2 Diabetic retinopathy, a disease with low-grade inflammation. **2024**, 113-143 ○
- 1 Positive selection on ADAM10 builds species recognition in the synchronous spawning coral *Acropora*. 11, ○