Monique Aumailley

List of Publications by Year
in descending order

55 papers	5,457 citations	117625 34 h-index	161849 54 g-index
55 all docs	55 docs citations	55 times ranked	4192 citing authors

#	Article	IF	Citations
1	A simplified laminin nomenclature. Matrix Biology, 2005, 24, 326-332.	3.6	760
2	Biological activities of laminin. Journal of Cellular Biochemistry, 1985, 27, 317-325.	2.6	439
3	Laminin-nidogen complex. Extraction with chelating agents and structural characterization. FEBS Journal, 1987, 166, 11-19.	0.2	418
4	The laminin family. Cell Adhesion and Migration, 2013, 7, 48-55.	2.7	311
5	Cell attachment properties of collagen type VI and arg-gly-asp dependent binding to its Î±2(VI) and Î±3(VI) chains. Experimental Cell Research, 1989, 181, 463-474.	2.6	261
6	The role of laminins in basement membrane function. Journal of Anatomy, 1998, 193, 1-21.	1.5	245
7	Binding of nidogen and the laminin-nidogen complex to basement membrane collagen type IV. FEBS Journal, 1989, 184, 241-248.	0.2	184
8	Basementâ€membrane heparan sulfate proteoglycan binds to laminin by its heparan sulfate chains and to nidogen by sites in the protein core. FEBS Journal, 1992, 208, 359-366.	0.2	177
9	Nidogen mediates the formation of ternary complexes of basement membrane components. Kidney International, 1993, 43, 7-12.	5.2	161
10	Cell adhesion, spreading and neurite stimulation by laminin fragment E8 depends on maintenance of secondary and tertiary structure in its rod and globular domain. FEBS Journal, 1990, 191, 513-522.	0.2	155
11	Antibody to integrin Î±6 subunit specifically inhibits cell-binding to laminin fragment 8. Experimental Cell Research, 1990, 188, 55-60.	2.6	155
12	Identification of the Arg-Gly-Asp sequence in laminin A chain as a latent cell-binding site being exposed in fragment P1. FEBS Letters, 1990, 262, 82-86.	2.8	132
13	Laminins: A Family of Diverse Multifunctional Molecules of Basement Membranes. Journal of Investigative Dermatology, 1996, 106, 209-214.	0.7	125
14	Laminins of the dermoâ€“epidermal junction. Matrix Biology, 1999, 18, 19-28.	3.6	119
15	The LIM-only Protein DRAL/FHL2 Binds to the Cytoplasmic Domain of Several Î± and Î² Integrin Chains and Is Recruited to Adhesion Complexes. Journal of Biological Chemistry, 2000, 275, 33669-33678.	3.4	117
16	Monoclonal antibodies against laminin A chain fragment E3 and their effects on binding to cells and proteoglycan and on kidney development. Experimental Cell Research, 1992, 201, 137-144.	2.6	112
17	Keratinocytes from Patients Lacking Collagen XVII Display a Migratory Phenotype. American Journal of Pathology, 2004, 164, 2027-2038.	3.8	109
18	Interactions of primary fibroblasts and keratinocytes with extracellular matrix proteins: contribution of Î±2Î²1 integrin. Journal of Cell Science, 2006, 119, 1886-1895.	2.0	106

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19	Regulation of cell attachment and cell number by fibronectin and laminin. Journal of Cellular Physiology, 1986, 127, 473-479.	4.1	103
20	Integrin-linked kinase is required for epidermal and hair follicle morphogenesis. Journal of Cell Biology, 2007, 177, 501-513.	5.2	99
21	Laminin 5 processing and its integration into the ECM. Matrix Biology, 2003, 22, 49-54.	3.6	91
22	Integrin-linked kinase regulates the niche of quiescent epidermal stem cells. Nature Communications, 2015, 6, 8198.	12.8	83
23	The high-affinity binding of laminin to cells. Assignation of a major cell-binding site to the long arm of laminin and of a latent cell-binding site to its short arms. FEBS Journal, 1989, 180, 9-14.	0.2	78
24	Isolation of Î±6Î²1 integrins from platelets and adherent cells by affinity chromatography on mouse laminin fragment E8 and human laminin pepsin fragment. Experimental Cell Research, 1991, 197, 234-244.	2.6	77
25	The extracellular matrix of the dermis: flexible structures with dynamic functions. Experimental Dermatology, 2011, 20, 689-695.	2.9	75
26	Localization of a major nidogen-binding site to domain III of laminin B2 chain. FEBS Journal, 1991, 202, 167-174.	0.2	69
27	Molecular basis of inherited skin-blistering disorders, and therapeutic implications. Expert Reviews in Molecular Medicine, 2006, 8, 1-21.	3.9	69
28	Identification of novel interaction partners for the conserved membrane proximal region of Î±-integrin cytoplasmic domains. FEBS Letters, 1999, 445, 351-355.	2.8	58
29	Defective Laminin 5 Processing in Cylindroma Cells. American Journal of Pathology, 2002, 160, 459-468.	3.8	50
30	Structural Requirement for Cell Adhesion to Kalinin (Laminin-5). Journal of Biological Chemistry, 1995, 270, 13766-13770.	3.4	48
31	The PDZ domain of TIP-2/GIPC interacts with the C-terminus of the integrin Î±5 and Î±6 subunits. Matrix Biology, 2002, 21, 207-214.	3.6	45
32	Dissociation of the complex between CD151 and laminin-binding integrins permits migration of epithelial cells. Experimental Cell Research, 2006, 312, 983-995.	2.6	45
33	The Human Papillomavirus Type 8 E2 Protein Suppresses Î²4-Integrin Expression in Primary Human Keratinocytes. Journal of Virology, 2004, 78, 10738-10746.	3.4	41
34	FHL2 interacts with both ADAM-17 and the cytoskeleton and regulates ADAM-17 localization and activity. Journal of Cellular Physiology, 2006, 208, 363-372.	4.1	36
35	Interactions of fibroblasts with the extracellular matrix: implications for the understanding of fibrosis. Seminars in Immunopathology, 2000, 21, 415-429.	4.0	31
36	Integrin Î±3 subunit regulates events linked to epithelial repair, including keratinocyte migration and protein expression. Wound Repair and Regeneration, 2010, 18, 325-334.	3.0	27

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37	Partial Loss of Epithelial Phenotype in Kindlin-1â€“Deficient Keratinocytes. American Journal of Pathology, 2012, 180, 1581-1592.	3.8	26
38	Subpopulations of human dendritic cells display a distinct phenotype and bind differentially to proteins of the extracellular matrix. European Journal of Cell Biology, 2007, 86, 719-730.	3.6	23
39	Laminins and interaction partners in the architecture of the basement membrane at the dermalâ€epidermal junction. Experimental Dermatology, 2021, 30, 17-24.	2.9	22
40	Characterization of a 50-kDa Component of Epithelial Basement Membranes Using GDA-J/F3 Monoclonal Antibody. Journal of Biological Chemistry, 1997, 272, 9531-9538.	3.4	21
41	Targeted Disruption of the Lama3 Gene in Adult Mice Is Sufficient to Induce Skin Inflammation and Fibrosis. Journal of Investigative Dermatology, 2017, 137, 332-340.	0.7	19
42	Fibroblasts contribute to the deposition of laminin 5 in the extracellular matrix. Experimental Cell Research, 2004, 296, 223-230.	2.6	18
43	New specific HSP47 functions in collagen subfamily chaperoning. FASEB Journal, 2020, 34, 12040-12052.	0.5	16
44	Migration of epithelial cells on laminins: RhoA antagonizes directionally persistent migration. European Journal of Cell Biology, 2011, 90, 1-12.	3.6	13
45	The integrin Î²1 subunit cytoplasmic tail forms oligomers: a potential role in Î²1 integrin clustering. Biology of the Cell, 2002, 94, 375-387.	2.0	12
46	Analysis of the adaptor function of the LIM domain-containing protein FHL2 using an affinity chromatography approach. Journal of Cellular Biochemistry, 2004, 92, 612-625.	2.6	11
47	Laminin 332 Is Indispensable for Homeostatic Epidermal Differentiation Programs. Journal of Investigative Dermatology, 2021, 141, 2602-2610.e3.	0.7	11
48	Low production of procollagen III by skin fibroblasts from patients with Ehlersâ€Danlos syndrome type IV is not caused by decreased levels of procollagen III mRNA. European Journal of Clinical Investigation, 1988, 18, 207-212.	3.4	10
49	Targeting of Cytoskeletal Linker Proteins to Focal Adhesion Complexes is Reduced in Fibroblasts Adhering to Laminin-1 when Compared to Fibronectin. Cell Adhesion and Communication, 1999, 7, 43-56.	1.7	10
50	Cell adhesion to a population of laminin isoforms isolated from normal renal tissue. Matrix Biology, 1999, 18, 433-444.	3.6	10
51	Adhesion Complexes Formed by OVCAR-4 Cells on Laminin 1 Differ from Those Observed on Fibronectin. Cell Adhesion and Communication, 1996, 3, 527-539.	1.7	9
52	Characterization of recombinant and natural forms of the human LIM domain-containing protein FHL2. Protein Expression and Purification, 2003, 32, 95-103.	1.3	6
53	Expression of laminin 5 by parental and c-Ha-ras-transformed HaCaT keratinocytes in organotypic cultures. European Journal of Cell Biology, 2006, 85, 333-343.	3.6	5
54	Isolation and analysis of laminins. Methods in Cell Biology, 2018, 143, 187-205.	1.1	4

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55	Charles M. LapiÃ¨re, 1931â€“2007. Wound Repair and Regeneration, 2008, 16, 143-143.	3.0	0