List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Fibulin-7 C-terminal fragment and its active synthetic peptide suppress choroidal and retinal neovascularization. Microvascular Research, 2020, 129, 103986.	2.5	3
2	Characterization of dystroglycan binding in adhesion of human induced pluripotent stem cells to laminin-511 E8 fragment. Scientific Reports, 2019, 9, 13037.	3.3	9
3	Identification of active sequences in human laminin α5 G domain. Journal of Peptide Science, 2019, 25, e3218.	1.4	2
4	Identification of specific integrin cross-talk for dermal fibroblast cell adhesion using a mixed peptide-chitosan matrix. Journal of Biomaterials Applications, 2019, 33, 893-902.	2.4	4
5	Synthesis of a Chloroalkene Dipeptide Isostere-Containing Peptidomimetic and Its Biological Application. ACS Medicinal Chemistry Letters, 2018, 9, 6-10.	2.8	10
6	Internalization of CD239 highly expressed in breast cancer cells: a potential antigen for antibody-drug conjugates. Scientific Reports, 2018, 8, 6612.	3.3	10
7	Mixed Peptide-Conjugated Chitosan Matrices as Multi-Receptor Targeted Cell-Adhesive Scaffolds. International Journal of Molecular Sciences, 2018, 19, 2713.	4.1	15
8	Cell Adhesion Activity of Peptides Conjugated to Polysaccharides. Current Protocols in Cell Biology, 2018, 80, e53.	2.3	8
9	Identification of laminin <i>α</i> 5 short arm peptides active for endothelial cell attachment and tube formation. Journal of Peptide Science, 2017, 23, 666-673.	1.4	7
10	Biological activity of peptide onjugated polyion complex matrices consisting of alginate and chitosan. Biopolymers, 2017, 108, e22983.	2.4	4
11	An Anti-Human Lutheran Glycoprotein Phage Antibody Inhibits Cell Migration on Laminin-511: Epitope Mapping of the Antibody. PLoS ONE, 2017, 12, e0167860.	2.5	5
12	Structural Study of Cell Attachment Peptide Derived from Laminin by Molecular Dynamics Simulation. PLoS ONE, 2016, 11, e0149474.	2.5	5
13	Identification of peptides derived from the Câ€ŧerminal domain of fibulinâ€7 active for endothelial cell adhesion and tube formation disruption. Biopolymers, 2016, 106, 184-195.	2.4	15
14	Mixed Fibronectin-Derived Peptides Conjugated to a Chitosan Matrix Effectively Promotes Biological Activities through Integrins, α4β1, α5β1, αvβ3, and Syndecan. BioResearch Open Access, 2016, 5, 356-366.	2.6	9
15	Down-regulation of cell adhesion via rho-associated protein kinase (ROCK) pathway promotes tumor cell migration on laminin-511. Experimental Cell Research, 2016, 344, 76-85.	2.6	5
16	Effect of spacer length and type on the biological activity of peptide–polysaccharide matrices. Biopolymers, 2016, 106, 512-520.	2.4	9
17	Active Peptide-Conjugated Chitosan Matrices as an Artificial Basement Membrane. Polymers, 2015, 7, 281-297.	4.5	6
18	Suppression of cell adhesion through specific integrin crosstalk on mixed peptide-polysaccharide matrices. Biomaterials, 2015, 37, 73-81.	11.4	9

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19	Structural Requirement of Fibrogenic Peptide AG97 (SAKVDAIGLEIV) and B160 (VILQQSAADIAR) for Amyloid-Like Fibril Formation and Cellular Activity. , 2015, , .		0
20	Doubleâ€ s tranded <scp>DNA</scp> stereoselectively promotes aggregation of amyloidâ€like fibrils and generates peptide/ <scp>DNA</scp> matrices. Biopolymers, 2014, 102, 465-472.	2.4	4
21	Biological Activities of the Homologous Loop Regions in the Laminin α Chain LG Modules. Biochemistry, 2014, 53, 3699-3708.	2.5	8
22	Soluble Lutheran/basal cell adhesion molecule is detectable in plasma of hepatocellular carcinoma patients and modulates cellular interaction with laminin-511 in vitro. Experimental Cell Research, 2014, 328, 197-206.	2.6	4
23	Screening of integrin-binding peptides in a laminin peptide library derived from the mouse laminin \hat{l}^2 chain short arm regions. Archives of Biochemistry and Biophysics, 2014, 550-551, 33-41.	3.0	4
24	Laminin-111-derived peptides and cancer. Cell Adhesion and Migration, 2013, 7, 150-159.	2.7	87
25	Laminin-111-derived peptide-hyaluronate hydrogels as a synthetic basement membrane. Biomaterials, 2013, 34, 6539-6547.	11.4	24
26	The Lutheran/Basal Cell Adhesion Molecule Promotes Tumor Cell Migration by Modulating Integrin-mediated Cell Attachment to Laminin-511 Protein. Journal of Biological Chemistry, 2013, 288, 30990-31001.	3.4	36
27	Cell attachment and spreading activity of mixed laminin peptide–chitosan membranes. Biopolymers, 2013, 100, 751-759.	2.4	9
28	3P017 Identification of structure determinant amino acid residues in the A2G80 peptide derived from laminin α2 by molecular dynamics simulation(01A. Protein: Structure,Poster). Seibutsu Butsuri, 2013, 53, S214.	0.1	0
29	Identification of Cell Adhesive Sequences in the N-terminal Region of the Laminin α2 Chain. Journal of Biological Chemistry, 2012, 287, 25111-25122.	3.4	16
30	Structural Requirement of Fibrogenic Laminin-Derived Peptide A119 (LSNIDYILIKAS) for Amyloid-like Fibril Formation and Cellular Activity. Biochemistry, 2012, 51, 8218-8225.	2.5	0
31	Identification of Active Sequences in the L4a Domain of Laminin $\hat{I}\pm 5$ Promoting Neurite Elongation. Biochemistry, 2012, 51, 4950-4958.	2.5	2
32	Screening of integrin-binding peptides from the laminin α4 and α5 chain G domain peptide library. Archives of Biochemistry and Biophysics, 2012, 521, 32-42.	3.0	23
33	Perlecan modulates VEGF signaling and is essential for vascularization in endochondral bone formation. Matrix Biology, 2012, 31, 234-245.	3.6	72
34	Laminin active peptide/agarose matrices as multifunctional biomaterials for tissue engineering. Biomaterials, 2012, 33, 4118-4125.	11.4	51
35	Reconstitution of laminin-111 biological activity using multiple peptide coupled to chitosan scaffolds. Biomaterials, 2012, 33, 4241-4250.	11.4	21
36	Design and synthesis of amidine-type peptide bond isosteres: application of nitrile oxide derivatives as active ester equivalents in peptide and peptidomimetics synthesis. Organic and Biomolecular Chemistry, 2011, 9, 3421.	2.8	18

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37	Maintenance of hepatic differentiation by hepatocyte attachment peptides derived from laminin chains. Journal of Biomedical Materials Research - Part A, 2011, 99A, 203-210.	4.0	10
38	Construction and Activity of a Synthetic Basement Membrane with Active Laminin Peptides and Polysaccharides. Chemistry - A European Journal, 2011, 17, 10500-10508.	3.3	35
39	Cell behavior on protein matrices containing laminin α1 peptide AG73. Biomaterials, 2011, 32, 4327-4335.	11.4	10
40	The Influence of Tribenoside on Expression and Deposition of Epidermal Laminins in HaCaT Cells. Biological and Pharmaceutical Bulletin, 2010, 33, 307-310.	1.4	8
41	Syndecan―and integrinâ€binding peptides synergistically accelerate cell adhesion. FEBS Letters, 2010, 584, 3381-3385.	2.8	25
42	Biological activity of laminin peptideâ€conjugated alginate and chitosan matrices. Biopolymers, 2010, 94, 711-720.	2.4	35
43	Cell surface receptor-specific scaffold requirements for adhesion to laminin-derived peptide–chitosan membranes. Biomaterials, 2010, 31, 3237-3243.	11.4	37
44	A collagen-mimetic triple helical supramolecule that evokes integrin-dependent cell responses. Biomaterials, 2010, 31, 1925-1934.	11.4	57
45	Dermatopontin Promotes Epidermal Keratinocyte Adhesion via ${\rm \hat{l}}\pm 3{\rm \hat{l}}^21$ Integrin and a Proteoglycan Receptor. Biochemistry, 2010, 49, 147-155.	2.5	32
46	Amino Acid Sequence Requirements of Laminin β1 Chain Peptide B133 (DISTKYFQMSLE) for Amyloid-like Fibril Formation, Syndecan Binding, and Neurite Outgrowth Promotion. Biochemistry, 2010, 49, 5909-5918.	2.5	4
47	Identification of α-dystroglycan binding sequences in the laminin α2 chain LG4–5 module. Matrix Biology, 2010, 29, 143-151.	3.6	20
48	Identification of biologically active sequences in the laminin $\hat{I}\pm 2$ chain G domain. Archives of Biochemistry and Biophysics, 2010, 497, 43-54.	3.0	21
49	B133 (DSITKYFQMSLE), a laminin β1-derived peptide, contains distinct core sequences for both integrin α2β1-mediated cell adhesion and amyloid-like fibril formation. Archives of Biochemistry and Biophysics, 2010, 500, 189-195.	3.0	2
50	Cell adhesive peptide screening of the mouse laminin $\hat{I}\pm 1$ chain G domain. Archives of Biochemistry and Biophysics, 2010, 503, 213-222.	3.0	29
51	Upregulation of ZO-1 in Cultured Human Corneal Epithelial Cells by a Peptide (PHSRN) Corresponding to the Second Cell-Binding Site of Fibronectin. , 2009, 50, 2757.		20
52	Clustering of Syndecan-4 and Integrin β1 by Laminin α3 Chain–derived Peptide Promotes Keratinocyte Migration. Molecular Biology of the Cell, 2009, 20, 3012-3024.	2.1	39
53	Binding of laminin-1 to monosialoganglioside GM1 in lipid rafts is crucial for neurite outgrowth. Journal of Cell Science, 2009, 122, 289-299.	2.0	109
54	A novel cellâ€adhesive scaffold material for delivering keratinocytes reduces granulation tissue in dermal wounds. Wound Repair and Regeneration, 2009, 17, 127-135.	3.0	22

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55	Design and activity of multifunctional fibrils using receptor-specific small peptides. Biomaterials, 2009, 30, 6731-6738.	11.4	15
56	Mixed peptide–chitosan membranes to mimic the biological activities of a multifunctional laminin α1 chain LG4 module. Biomaterials, 2009, 30, 1596-1603.	11.4	32
57	Biologically Active Sequences in the Mouse Laminin α3 Chain G Domain. Biochemistry, 2009, 48, 10522-10532.	2.5	16
58	Chain-Specific Heparin-Binding Sequences in the Laminin α Chain LG45 Modules. Biochemistry, 2009, 48, 5375-5381.	2.5	20
59	Sequence specificity of the PHSRN peptide from fibronectin on corneal epithelial migration. Biochemical and Biophysical Research Communications, 2009, 379, 346-350.	2.1	15
60	TM14 Is a New Member of the Fibulin Family (Fibulin-7) That Interacts with Extracellular Matrix Molecules and Is Active for Cell Binding. Journal of Biological Chemistry, 2007, 282, 30878-30888.	3.4	86
61	Angiogenic activitiy of syndecan-binding laminin peptide AG73 (RKRLQVQLSIRT). Archives of Biochemistry and Biophysics, 2007, 459, 249-255.	3.0	49
62	Identification of Multiple Amyloidogenic Sequences in Laminin-1. Biochemistry, 2007, 46, 3966-3974.	2.5	30
63	Integrin-dependent cell behavior on ECM peptide-conjugated chitosan membranes. Biopolymers, 2007, 88, 122-130.	2.4	39
64	Laminin α1 Chain LG4 Module Promotes Cell Attachment through Syndecans and Cell Spreading through Integrin α2β1. Journal of Biological Chemistry, 2006, 281, 32929-32940.	3.4	73
65	Active sites of the laminin alpha1 chain LG4 module for syndecan binding and cell adhesion and spreading. FASEB Journal, 2006, 20, A1097.	0.5	0
66	Effect of Nucleoplasmin on a Nucleosome Structure. Polymer Journal, 2002, 34, 184-193.	2.7	2
67	Mechanism of salmon sperm decondensation by nucleoplasmin. International Journal of Biological Macromolecules, 1999, 26, 95-101.	7.5	7
68	Conformation of nucleoplasmin and its interaction with DNA-protamine complex as a simple model of fish sperm nuclei. International Journal of Biological Macromolecules, 1997, 20, 171-178.	7.5	12