Hannu S Larjava

List of Publications by Year
in descending order

99	4,781	76326	102487
papers	citations	40 h-index	66 g-index

99	99	99	6018
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Integrin-mediated Cell Adhesion to Type I Collagen Fibrils. Journal of Biological Chemistry, 2004, 279, 31956-31963.	3.4	311
2	Kindlins: essential regulators of integrin signalling and cellâ€“matrix adhesion. EMBO Reports, 2008, 9, 1203-1208.	4.5	223
3	Transforming Growth Factor-Î² Induces Collagenase-3 Expression by Human Gingival Fibroblasts via p38 Mitogen-activated Protein Kinase. Journal of Biological Chemistry, 1999, 274, 37292-37300.	3.4	191
4	Wound healing in oral mucosa results in reduced scar formation as compared with skin: Evidence from the red Duroc pig model and humans. Wound Repair and Regeneration, 2009, 17, 717-729.	3.0	172
5	Scarless healing of oral mucosa is characterized by faster resolution of inflammation and control of myofibroblast action compared to skin wounds in the red Duroc pig model. Journal of Dermatological Science, 2009, 56, 168-180.	1.9	171
6	Integrins in Wound Healing. Advances in Wound Care, 2014, 3, 762-783.	5.1	163
7	Matrix Metalloproteinase 2 (Gelatinase A) Is Related to Migration of Keratinocytes. Experimental Cell Research, 1999, 251, 67-78.	2.6	155
8	Keratinocytes in Human Wounds Express Î±vÎ²6 Integrin. Journal of Investigative Dermatology, 1996, 106, 42-48.	0.7	146
9	Regulation of Fibroblast Migration on Collagenous Matrix by a Cell Surface Peptidase Complex. Journal of Biological Chemistry, 2002, 277, 29231-29241.	3.4	144
10	A Role for Decorin in the Structural Organization of Periodontal Ligament. Laboratory Investigation, 2000, 80, 1869-1880.	3.7	112
11	Hydoxyapatite/betaâ€tricalcium phosphate biphasic ceramics as regenerative material for the repair of complex bone defects. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 2493-2512.	3.4	112
12	Laminin-5 Expression Is Independent of the Injury and the Microenvironment During Reepithelialization of Wounds. Journal of Histochemistry and Cytochemistry, 1998, 46, 353-360.	2.5	100
13	Increased Expression of Î²6-Integrin in Skin Leads to Spontaneous Development of Chronic Wounds. American Journal of Pathology, 2004, 164, 229-242.	3.8	99
14	Expression of Integrin Î±vÎ²6 and TGF-Î² in Scarless vs Scar-forming Wound Healing. Journal of Histochemistry and Cytochemistry, 2009, 57, 543-557.	2.5	98
15	Kindlin-2 regulates podocyte adhesion and fibronectin matrix deposition through interactions with phosphoinositides and integrins. Journal of Cell Science, 2011, 124, 879-891.	2.0	92
16	Integrin Î±vÎ²6: Structure, function and role in health and disease. International Journal of Biochemistry and Cell Biology, 2018, 99, 186-196.	2.8	90
17	Retrospective cohort study of 4591 Straumann implants in private practice setting, with up to 10â€year followâ€up. Part 1: multivariate survival analysis. Clinical Oral Implants Research, 2015, 26, 1345-1354.	4.5	88
18	Anti-integrin antibodies induce type IV collagenase expression in keratinocytes. Journal of Cellular Physiology, 1993, 157, 190-200.	4.1	76

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19	MMP-9 from TNFÎ±-Stimulated Keratinocytes Binds to Cell Membranes and Type I Collagen: A Cause for Extended Matrix Degradation in Inflammation?. Biochemical and Biophysical Research Communications, 1998, 253, 325-335.	2.1	70
20	Immunolocalization of Tenascin-C, Î±9 Integrin Subunit, and Î±vÎ²6 Integrin During Wound Healing in Human Oral Mucosa. Journal of Histochemistry and Cytochemistry, 2000, 48, 985-998.	2.5	68
21	Exploring scarless healing of oral soft tissues. Journal of the Canadian Dental Association, 2011, 77, b18.	0.6	68
22	Different integrins mediate cell spreading, haptotaxis and lateral migration of HaCaT keratinocytes on fibronectin. Cell Adhesion and Communication, 1999, 7, 245-257.	1.7	63
23	HaCaT keratinocyte migration is dependent on epidermal growth factor receptor signaling and glycogen synthase kinase-3Î±. Experimental Cell Research, 2006, 312, 2791-2805.	2.6	61
24	Distinct phenotype and therapeutic potential of gingival fibroblasts. Cytotherapy, 2014, 16, 1171-1186.	0.7	61
25	Keratinocyte Microvesicles Regulate the Expression of Multiple Genes in Dermal Fibroblasts. Journal of Investigative Dermatology, 2015, 135, 3051-3059.	0.7	61
26	Absence of Î±vÎ²6 Integrin Is Linked to Initiation and Progression of Periodontal Disease. American Journal of Pathology, 2008, 172, 1271-1286.	3.8	60
27	Human Gingival Fibroblasts Display a Non-Fibrotic Phenotype Distinct from Skin Fibroblasts in Three-Dimensional Cultures. PLoS ONE, 2014, 9, e90715.	2.5	56
28	Integrins Î±5Î²1, Î±vÎ²1, and Î±vÎ²6 Collaborate in Squamous Carcinoma Cell Spreading and Migration on Fibronectin. Experimental Cell Research, 2000, 255, 10-17.	2.6	55
29	An improved method for culture of epidermal keratinocytes from newborn mouse skin. Cytotechnology, 2001, 23, 189-196.	0.7	55
30	Periodontal Pathogens Invade Gingiva and Aortic Adventitia and Elicit Inflammasome Activation in Î±vÎ²6 Integrin-Deficient Mice. Infection and Immunity, 2015, 83, 4582-4593.	2.2	55
31	Glycogen synthase kinase-3 regulates formation of long lamellipodia in human keratinocytes. Journal of Cell Science, 2003, 116, 3749-3760.	2.0	52
32	Granulation tissue formation and remodeling. Endodontic Topics, 2011, 24, 94-129.	0.5	51
33	Kindler Syndrome and Periodontal Disease: Review of the Literature and a 12â€Year Followâ€Up Case. Journal of Periodontology, 2008, 79, 961-966.	3.4	48
34	Keratinocyte growth factor (KGF) promotes keratinocyte cell attachment and migration on collagen and fibronectin. Cell Adhesion and Communication, 1999, 7, 211-221.	1.7	45
35	Effect of Cigarette Smoking on Oral Elastase Activity in Adult Periodontitis Patients. Journal of Periodontology, 2000, 71, 58-62.	3.4	45
36	Expression and Function of Connexin 43 in Human Gingival Wound Healing and Fibroblasts. PLoS ONE, 2015, 10, e0115524.	2.5	45

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37	Differential Regulation of Decorin and Biglycan Gene Expression by Dexamethasone and Retinoic Acid in Cultured Human Skin Fibroblasts. Journal of Investigative Dermatology, 1995, 104, 503-508.	0.7	43
38	Collagen Phagocytosis by Fibroblasts Is Regulated by Decorin. Journal of Biological Chemistry, 2005, 280, 23103-23113.	3.4	43
39	Connexin 43 Hemichannels Regulate the Expression of Wound Healing-Associated Genes in Human Gingival Fibroblasts. Scientific Reports, 2017, 7, 14157.	3.3	43
40	Successful Periodontal Maintenance of a Case With Papillon-LefÃ©vre Syndrome: 12-Year Follow-Up and Review of the Literature. Journal of Periodontology, 2001, 72, 824-830.	3.4	42
41	Collagens in Neurofibromas and Neurofibroma Cell Cultures. Annals of the New York Academy of Sciences, 1986, 486, 260-270.	3.8	40
42	Earlyâ€Onset Periodontitis Associated With Wearyâ€Kindler Syndrome: A Case Report. Journal of Periodontology, 1996, 67, 1004-1010.	3.4	39
43	Integrins in periodontal disease. Experimental Cell Research, 2014, 325, 104-110.	2.6	37
44	Performance of zirconia abutments for implantâ€supported singleâ€tooth crowns in esthetic areas: a retrospective study up to 12â€year followâ€up. Clinical Oral Implants Research, 2016, 27, 47-54.	4.5	35
45	Elevated CD26 Expression by Skin Fibroblasts Distinguishes a Profibrotic Phenotype Involved in Scar Formation Compared to Gingival Fibroblasts. American Journal of Pathology, 2017, 187, 1717-1735.	3.8	35
46	The Î±vÎ²6 integrin plays a role in compromised epidermal wound healing. Wound Repair and Regeneration, 2006, 14, 289-297.	3.0	34
47	<scp>R</scp>eâ€epithelialization of wounds. Endodontic Topics, 2011, 24, 59-93.	0.5	34
48	Glycogen synthase kinase-3 regulates cytoskeleton and translocation of Rac1 in long cellular extensions of human keratinocytes. Experimental Cell Research, 2004, 293, 68-80.	2.6	33
49	Destruction of the Epithelial Anchoring System in Lichen Planus. Journal of Investigative Dermatology, 1995, 105, 100-103.	0.7	31
50	Clinical and Microbiologic Study of Periodontitis Associated With Kindler Syndrome. Journal of Periodontology, 2003, 74, 25-31.	3.4	31
51	Critical role for Î±vÎ²6 integrin in enamel biomineralization. Journal of Cell Science, 2012, 126, 732-44.	2.0	31
52	Oral health of patients with insulin-dependent diabetes mellitus. European Journal of Oral Sciences, 1986, 94, 338-346.	1.5	30
53	Expression of Î²1 Integrins in Normal Human Keratinocytes. American Journal of the Medical Sciences, 1991, 301, 63-68.	1.1	30
54	Chemotherapeutic decontamination of dental implants colonized by mature multispecies oral biofilm. Journal of Clinical Periodontology, 2017, 44, 403-409.	4.9	30

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55	Attachment and spreading of human gingival fibroblasts on potentially bioactive glassesin vitro. Journal of Biomedical Materials Research Part B, 1988, 22, 1043-1059.	3.1	29
56	Improved application of the diphenylamine reaction for the determination of DNA. Journal of Proteomics, 1980, 3, 195-199.	2.4	27
57	Distinctive Molecular Composition of Human Gingival Interdental Papilla. Journal of Periodontology, 2007, 78, 304-314.	3.4	26
58	Localization of small leucineâ€rich proteoglycans and transforming growth factorâ€Î² in human oral mucosal wound healing. Wound Repair and Regeneration, 2008, 16, 814-823.	3.0	26
59	Skin wound healing in diabetic Î²6 integrinâ€deficient mice. Apmis, 2010, 118, 753-764.	2.0	26
60	A Novel Rat Model of Polymicrobial Periâ€implantitis: A Preliminary Study. Journal of Periodontology, 2017, 88, e32-e41.	3.4	26
61	Integrin Î²6-Deficient Mice Show Enhanced Keratinocyte Proliferation and Retarded Hair Follicle Regression after Depilation. Journal of Investigative Dermatology, 2012, 132, 547-555.	0.7	25
62	Effect of Citric Acid Treatment on the Migration of Epithelium on Root Surfaces in Vitro. Journal of Periodontology, 1988, 59, 95-99.	3.4	24
63	A novel cell adhesion molecule, G-CAM, found on cultured rat glia. Neuroscience Letters, 1991, 133, 262-266.	2.1	24
64	Formation of Cartilage and Synovial Tissue by Human Gingival Stem Cells. Stem Cells and Development, 2014, 23, 2895-2907.	2.1	23
65	Mice lacking Î²6 integrin in skin show accelerated wound repair in dexamethasone impaired wound healing model. Wound Repair and Regeneration, 2009, 17, 326-339.	3.0	22
66	Effects of extracts from Bacteroides gingivalis, Bacteroides intermedius, and Bacteroides asaccharolyticus on the growth of fibroblast lines obtained from healthy and inflamed human gingiva. Oral Microbiology and Immunology, 1987, 2, 112-116.	2.8	20
67	Suppression of Î±vÎ²6 Integrin Expression by Polymicrobial Oral Biofilms in Gingival Epithelial Cells. Scientific Reports, 2017, 7, 4411.	3.3	20
68	Enamel matrix proteins bind to wound matrix proteins and regulate their cellâ€adhesive properties. European Journal of Oral Sciences, 2007, 115, 288-295.	1.5	19
69	Localization and potential function of kindlinâ€1 in periodontal tissues. European Journal of Oral Sciences, 2009, 117, 518-527.	1.5	19
70	Epithelial Microvesicles Promote an Inflammatory Phenotype in Fibroblasts. Journal of Dental Research, 2016, 95, 680-688.	5.2	18
71	Connexin 43 regulates the expression of wound healing-related genes in human gingival and skin fibroblasts. Experimental Cell Research, 2018, 367, 150-161.	2.6	18
72	Metabolic change in cultured gingival fibroblasts exposed to bacterial extracts.. Journal of Periodontal Research, 1984, 19, 230-237.	2.7	16

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73	Extracellular citrullination inhibits the function of matrix associated TGF-Î². Matrix Biology, 2016, 55, 77-89.	3.6	16
74	Inflammasome and cytokine expression profiling in experimental periodontitis in the integrin Î²6 null mouse. Cytokine, 2019, 114, 135-142.	3.2	15
75	Leucocyteâ€•and plateletâ€•rich fibrin regulates expression of genes related to early wound healing in human gingival fibroblasts. Journal of Clinical Periodontology, 2020, 47, 851-862.	4.9	15
76	Gingival crevicular fluid fibronectin degradation in periodontal health and disease. European Journal of Oral Sciences, 1989, 97, 415-421.	1.5	13
77	Epidermal growth factor receptor signaling suppresses Î±vÎ²6 integrin and promotes periodontal inflammation and bone loss. Journal of Cell Science, 2020, 133, .	2.0	12
78	Decontamination of rough implant surfaces colonized by multispecies oral biofilm by application of leukocyteâ€•and plateletâ€•rich fibrin. Journal of Periodontology, 2021, 92, 875-885.	3.4	12
79	A reproducible technique for specific labeling of antigens using preformed fluorescent molecular IgGâ€Ғ(abâ€²)₂ complexes from primary antibodies of the same species. Microscopy Research and Technique, 2010, 73, 623-630.	2.2	11
80	Naturally Occurring Periodontal Bone Loss in the Wild Deer Mouse, GenusPeromyscus. Journal of Periodontology, 2001, 72, 620-625.	3.4	10
81	Cell surface glycoconjugates of gingival fibroblasts exposed to dental plaque extract. Journal of Periodontal Research, 1984, 19, 469-482.	2.7	9
82	Urinary glycosaminoglycans in aspartylglycosaminuria: evidence for disturbed proteoglycan metabolism. Clinica Chimica Acta, 1985, 146, 111-118.	1.1	7
83	Retrospective Study of 1087 Anodized Implants Placed in Private Practice. Implant Dentistry, 2018, 27, 177-187.	1.3	7
84	<scp>H</scp>emostasis, coagulation, and complications. Endodontic Topics, 2011, 24, 4-25.	0.5	6
85	Immunolocalization of ?1 integrins in human gingival epithelium and cultured keratinocytes. European Journal of Oral Sciences, 1992, 100, 266-273.	1.5	5
86	Decontamination of multispecies oral biofilm from rough implant surface by airflow with glycine. Clinical and Experimental Dental Research, 2022, 8, 322-328.	1.9	5
87	Changes in the expression of cell surface sialoglycoproteins during transition of human monocytes into macrophages. FEBS Letters, 1986, 206, 218-222.	2.8	4
88	Biological agents and cell therapies in periodontal regeneration. Endodontic Topics, 2012, 26, 18-40.	0.5	4
89	Large pregnancy-associated pyogenic granuloma: a case report. Journal of Obstetrics and Gynaecology, 2019, 39, 265-267.	0.9	4
90	Release of lysosomal hydrolases from bone explants affected by dental plaque. Acta Odontologica Scandinavica, 1980, 38, 355-361.	1.6	3

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91	EXOGENOUS PHOSPHOLIPASE C STIMULATES EPITHELIAL CELL MIGRATION AND INTEGRIN EXPRESSION IN VITRO. Wound Repair and Regeneration, 2001, 9, 86-94.	3.0	3
92	Oral wound healing: an overview of biological sciences. Endodontic Topics, 2011, 24, 1-3.	0.5	3
93	Intraâ€operative application of chlorhexidine gel reduces bacterial counts in internal implant cavity. European Journal of Oral Sciences, 2015, 123, 425-431.	1.5	3
94	A method for the hyaluronic acid synthetase assay in human skin. Archives of Dermatological Research, 1982, 273-273, 199-204.	1.9	2
95	Clinical aspects of wound healing in the oral cavity. Endodontic Topics, 2011, 25, 1-3.	0.5	1
96	Fibrotectin fibril formation during cleavage of the amphibian. Cell Differentiation and Development, 1989, 27, 77.	0.4	0
97	Hannu Larjava, DDS, PHD, DIP PERIO, Professor and Chair, Division of Periodontics & Dental Hygiene, Department of Oral Biological & Medical Sciences, Faculty of Dentistry, University of British Columbia, Vancouver, Canada. Endodontic Topics, 2011, 25, 102-102.	0.5	0
98	Hannu Larjava, Professor and Chair, Division of Periodontics & Dental Hygiene, Department of Oral Biological & Medical Sciences, Faculty of Dentistry, University of British Columbia, Vancouver, Canada. Endodontic Topics, 2012, 26, 81-81.	0.5	0
99	Oral wound healing: current state and future challenges. Endodontic Topics, 2012, 26, 1-3.	0.5	0