

CITATION REPORT

List of articles citing

Localization of epidermal hyaluronic acid using the hyaluronate binding region of cartilage proteoglycan as a specific probe

DOI: 10.1111/1523-1747.ep12456530

Journal of Investigative Dermatology, 1988, 90, 412-4.

Source: <https://exaly.com/paper-pdf/19603800/citation-report.pdf>

Version: 2024-04-28

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

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

#	Paper	IF	Citations
182	The hyaluronate receptor is preferentially expressed on proliferating epithelial cells. 1989 , 108, 1557-65		195
181	Hyaluronate accumulation in human epidermis treated with retinoic acid in skin organ culture. <i>Journal of Investigative Dermatology</i> , 1989 , 92, 326-32	4.3	113
180	Effect of enzyme digestion on anionic sites and charge-selective permeability of dermo-epidermal junction. <i>Journal of Investigative Dermatology</i> , 1989 , 93, 814-7	4.3	5
179	Hyaluronan Disappears Intercellularly and Appears at the Basement Membrane Region during Formation of Embryonic Epithelia. 1990 , 32, 505-511		7
178	Visualization of hyaluronic acid in the anterior segment of rabbit and monkey eyes. 1990 , 51, 55-63		60
177	Histochemical localization of hyaluronate in human oral epithelium using a specific hyaluronate-binding probe. 1990 , 35, 219-24		43
176	Extracellular matrix molecules and their receptors: an overview with special emphasis on periodontal tissues. 1991 , 2, 323-54		56
175	Localization of hyaluronan in various muscular tissues. A morphological study in the rat. 1991 , 263, 201-5		68
174	Degradation of newly synthesized high molecular mass hyaluronan in the epidermal and dermal compartments of human skin in organ culture. <i>Journal of Investigative Dermatology</i> , 1991 , 97, 126-30	4.3	116
173	Localisation of hyaluronan in the human intestinal wall. 1991 , 32, 760-2		26
172	Cell recovery during segmental intestinal perfusion in healthy subjects and patients with Crohn's disease. 1991 , 32, 170-3		5
171	Ultrastructural localization of hyaluronan in myelin sheaths of the rat central and rat and human peripheral nervous systems using hyaluronan-binding protein-gold and link protein-gold. 1992 , 48, 737-44		36
170	Increase in types IV and VI collagen in cherry haemangiomas. 1992 , 284, 275-82		7
169	Distribution of hyaluronan and its CD44 receptor in the epithelia of human skin appendages. 1992 , 98, 105-12		124
168	Identification and characterization of a cell surface proteoglycan on keratinocytes. <i>Journal of Investigative Dermatology</i> , 1992 , 99, 374-80	4.3	49
167	Proteoglycans synthesized by adult human epidermis in whole skin organ culture. <i>Journal of Investigative Dermatology</i> , 1992 , 99, 623-8	4.3	5
166	Correlation between increased hyaluronan localized in arthritic synovium and the presence of proliferating cells. A role for macrophage-derived factors. 1992 , 35, 391-6		48

165	CD44 antibody stimulates adhesion of peripheral blood T cells to keratinocytes through the leukocyte function-associated antigen-1/intercellular adhesion molecule-1 pathway. <i>Journal of Investigative Dermatology</i> , 1993 , 100, 424-8	4-3	21
164	Hyaluronan is inversely correlated with the expression of CD44 in the dermal condensation of the embryonic hair follicle. <i>Journal of Investigative Dermatology</i> , 1993 , 101, 820-6	4-3	38
163	Cytochemical localization of hyaluronan in rat and human skin mast cell granules. <i>Journal of Investigative Dermatology</i> , 1993 , 100, 121-5	4-3	13
162	Versican is expressed in the proliferating zone in the epidermis and in association with the elastic network of the dermis. 1994 , 124, 817-25		228
161	Application of angiogenic oligosaccharides of hyaluronan increases blood vessel numbers in rat skin. <i>Journal of Investigative Dermatology</i> , 1994 , 103, 576-9	4-3	149
160	Age-dependent changes of hyaluronan in human skin. <i>Journal of Investigative Dermatology</i> , 1994 , 102, 385-9	4-3	146
159	Cuprolinic Blue visualization of cytosolic and membrane-associated glycosaminoglycans in the rat junctional epithelium and gingival epithelia. <i>The Histochemical Journal</i> , 1994 , 26, 213-225		3
158	Hyaluronan and CD44 in psoriatic skin. Intense staining for hyaluronan on dermal capillary loops and reduced expression of CD44 and hyaluronan in keratinocyte-leukocyte interfaces. 1994 , 286, 21-9		31
157	The distribution of hyaluronan in human skin and mature, hypertrophic and keloid scars. 1994 , 47, 483-9		57
156	Hyaluronan metabolism in skin. 1994 , 29, 1-81		115
155	Localization of hyaluronan in the human endolymphatic sac. A study using the affinity hyaluronan binding protein. 1994 , 114, 382-6		11
154	CD44 expression in normal human skin and skin tumors. 1995 , 22, 88-94		18
153	Hydrocortisone regulation of hyaluronan metabolism in human skin organ culture. 1995 , 164, 240-8		40
152	Localization and quantity of hyaluronan in urogenital organs of male and female rats. 1995 , 279, 241-8		43
151	Endogenous hyaluronan in the anterior segment of the eye. 1996 , 15, 281-296		5
150	Distribution of hyaluronan in articular cartilage as probed by a biotinylated binding region of aggrecan. 1996 , 105, 187-94		23
149	Spatial distribution of CD44 and hyaluronan in the proximal tibia of the growing rat. 1996 , 14, 573-81		45
148	Hyaluronic acid and skin: wound healing and aging. 1996 , 35, 539-44		120

147	CD44 expression on epidermal melanocytes. <i>Journal of Investigative Dermatology</i> , 1996 , 106, 1230-5	4-3	14
146	Selective suppression of CD44 in keratinocytes of mice bearing an antisense CD44 transgene driven by a tissue-specific promoter disrupts hyaluronate metabolism in the skin and impairs keratinocyte proliferation. 1997 , 11, 996-1007		199
145	Patterns of hyaluronan staining are modified by fixation techniques. <i>Journal of Histochemistry and Cytochemistry</i> , 1997 , 45, 1157-63	3-4	113
144	Hyaluronan localization in tissues of the mouse posterior eye wall: absence in the interphotoreceptor matrix. 1997 , 65, 603-8		17
143	Reactive oxygen species contribute to epidermal hyaluronan catabolism in human skin organ culture. 1997 , 23, 996-1001		118
142	CD44 substituted with heparan sulfate and endo-beta-galactosidase-sensitive oligosaccharides: a major proteoglycan in adult human epidermis. <i>Journal of Investigative Dermatology</i> , 1997 , 109, 213-8	4-3	21
141	Developmentally programmed expression of hyaluronan in human skin and its appendages. <i>Journal of Investigative Dermatology</i> , 1997 , 109, 219-24	4-3	27
140	Use of hyaluronic acid binding protein for detection of hyaluronan in ligature-induced periodontitis tissue. 1998 , 33, 265-73		7
139	Expression of hyaluronan in normal and dysplastic bronchial epithelium and in squamous cell carcinoma of the lung. 1998 , 79, 251-5		25
138	Putative hyaluronan synthase mRNA are expressed in mouse skin and TGF-beta upregulates their expression in cultured human skin cells. <i>Journal of Investigative Dermatology</i> , 1998 , 110, 116-21	4-3	90
137	Hyaluronan bound to CD44 on keratinocytes is displaced by hyaluronan decasaccharides and not hexasaccharides. <i>Journal of Biological Chemistry</i> , 1998 , 273, 28878-88	5-4	115
136	The expression of CD44 glycoprotein adhesion molecules in basal cell carcinomas is related to growth pattern and invasiveness. 1999 , 140, 17-25		13
135	Functions of hyaluronan in wound repair. 1999 , 7, 79-89		847
134	Hyaluronan distribution in the human and canine intervertebral disc and cartilage endplate. <i>The Histochemical Journal</i> , 1999 , 31, 579-87		20
133	Reduced hyaluronan in keloid tissue and cultured keloid fibroblasts. <i>Journal of Investigative Dermatology</i> , 2000 , 114, 953-9	4-3	53
132	Hyaluronan exists in the normal stratum corneum. <i>Journal of Investigative Dermatology</i> , 2000 , 114, 1184-7	4-3	82
131	Topical hyaluronidase decreases hyaluronic acid and CD44 in human skin and in reconstituted human epidermis: evidence that hyaluronidase can permeate the stratum corneum. 2000 , 142, 226-33		19
130	Using an esterified hyaluronan fleece to promote healing in difficult-to-treat wounds. 2000 , 9, 463-6		11

129	Reduced level of CD44 and hyaluronan associated with unfavorable prognosis in clinical stage I cutaneous melanoma. <i>American Journal of Pathology</i> , 2000 , 157, 957-65	5.8	85
128	Hyaluronan in peritumoral stroma and malignant cells associates with breast cancer spreading and predicts survival. <i>American Journal of Pathology</i> , 2000 , 156, 529-36	5.8	407
127	The histochemical structure of the deep fascia and its structural response to surgery. 2001 , 26, 89-97		38
126	Synthesis and surface expression of hyaluronan by dendritic cells and its potential role in antigen presentation. 2002 , 169, 4322-31		76
125	Changed lamellipodial extension, adhesion plaques and migration in epidermal keratinocytes containing constitutively expressed sense and antisense hyaluronan synthase 2 (Has2) genes. <i>Journal of Cell Science</i> , 2002 , 115, 3633-43	5.3	55
124	EFFECTS OF KGF AND TGF- β ON HYALURONAN SYNTHESIS AND DISTRIBUTION IN EXTRA-, PERI-, AND INTRACELLULAR COMPARTMENTS OF EPIDERMAL KERATINOCYTES. 2002 , 545-550		
123	Hyaluronate accumulation and decreased CD44 expression in perifollicular solitary cutaneous myxoma. 2002 , 205, 122-6		7
122	HYALURONAN SYNTHASE 2 (HAS2) REGULATES MIGRATION OF EPIDERMAL KERATINOCYTES. 2002 , 557-560		
121	Hyaluronan synthase 3 regulates hyaluronan synthesis in cultured human keratinocytes. <i>Journal of Investigative Dermatology</i> , 2002 , 118, 43-8	4.3	83
120	CD44 is exposed to the extracellular matrix at invasive sites in basal cell carcinomas. 2002 , 82, 313-22		9
119	Snake venom hyaluronidase: an evidence for isoforms and extracellular matrix degradation. 2002 , 240, 105-10		70
118	CD44 and hyaluronate in the differential diagnosis of dermatofibroma and dermatofibrosarcoma protuberans. 2003 , 30, 185-9		27
117	EGF upregulates, whereas TGF-beta downregulates, the hyaluronan synthases Has2 and Has3 in organotypic keratinocyte cultures: correlations with epidermal proliferation and differentiation. <i>Journal of Investigative Dermatology</i> , 2003 , 120, 1038-44	4.3	132
116	Hyaluronan, CD44 and versican in epidermal keratinocyte tumours. 2003 , 148, 86-94		48
115	Parathyroid hormone rapidly stimulates hyaluronan synthesis by periosteal osteoblasts in the tibial diaphysis of the growing rat. <i>Journal of Biological Chemistry</i> , 2003 , 278, 51462-8	5.4	38
114	Keratinocyte growth factor stimulates migration and hyaluronan synthesis in the epidermis by activation of keratinocyte hyaluronan synthases 2 and 3. <i>Journal of Biological Chemistry</i> , 2003 , 278, 49495-504	5.4	132
113	Decreased CD44 expression and stromal hyaluronate accumulation in myxoid dermatofibroma. 2003 , 207, 104-6		7
112	Hyaluronan and Scarring. 2004 , 367-394		2

111	Hyaluronan in Aging. 2004 , 351-365		2
110	Hyaluronan in the Epidermis and Other Epithelial Tissues. 2004 , 395-413		3
109	Hyaluronan-CD44 interaction with Rac1-dependent protein kinase N-gamma promotes phospholipase Cgamma1 activation, Ca(2+) signaling, and cortactin-cytoskeleton function leading to keratinocyte adhesion and differentiation. <i>Journal of Biological Chemistry</i> , 2004 , 279, 29654-69	5.4	61
108	Synergistic effect of N-acetylglucosamine and retinoids on hyaluronan production in human keratinocytes. <i>Skin Pharmacology and Physiology</i> , 2004 , 17, 77-83	3	42
107	Differential regulation by IL-1beta and EGF of expression of three different hyaluronan synthases in oral mucosal epithelial cells and fibroblasts and dermal fibroblasts: quantitative analysis using real-time RT-PCR. <i>Journal of Investigative Dermatology</i> , 2004 , 122, 631-9	4.3	66
106	Reduced expression of hyaluronan is a strong indicator of poor survival in oral squamous cell carcinoma. 2004 , 40, 257-63		50
105	Modeling glycosaminoglycans: hyaluronan, chondroitin, chondroitin sulfate A, chondroitin sulfate C and keratan sulfate. 2004 , 683, 121-132		12
104	Isolation and characterization of hyaluronidase a "spreading factor" from Indian cobra (<i>Naja naja</i>) venom. 2004 , 86, 193-202		103
103	Hyaluronan suppresses epidermal differentiation in organotypic cultures of rat keratinocytes. <i>Experimental Cell Research</i> , 2004 , 296, 123-34	4.2	47
102	Hyaluronan participates in the epidermal response to disruption of the permeability barrier in vivo. <i>American Journal of Pathology</i> , 2004 , 165, 1331-41	5.8	55
101	Localization of epidermal hyaluronan in the foot pads of the North American raccoon (<i>Procyon lotor</i>). 2004 , 67, 219-26		4
100	Hyaluronan synthase induction and hyaluronan accumulation in mouse epidermis following skin injury. <i>Journal of Investigative Dermatology</i> , 2005 , 124, 898-905	4.3	116
99	A low molecular weight isoform of hyaluronidase: purification from Indian cobra (<i>Naja naja</i>) venom and partial characterization. 2005 , 70, 708-12		9
98	Pep-1 as a novel probe for the in situ detection of hyaluronan. <i>Journal of Histochemistry and Cytochemistry</i> , 2005 , 53, 745-51	3.4	17
97	The effects of Musk T on peroxisome proliferator-activated receptor [PPAR]-alpha activation, epidermal skin homeostasis and dermal hyaluronic acid synthesis. 2006 , 298, 273-82		28
96	Optimization of surface modifications of extrasynovial tendon to improve its gliding ability in a canine model in vitro. 2006 , 24, 1555-61		20
95	Altered expression of versican and hyaluronan in melanocytic tumors of dogs. 2007 , 68, 1376-85		10
94	Hyaluronan and hyaluronectin in the nervous system. 1989 , 143, 208-20; discussion 221-32, 281-5		13

93	The interaction of hyaluronate with the cell surface: the hyaluronate receptor and the core protein. 1989 , 143, 87-99; discussion 100-6, 281-5		19
92	Hyaluronan-induced masking of ErbB2 and CD44-enhanced trastuzumab internalisation in trastuzumab resistant breast cancer. 2007 , 43, 2423-33		108
91	Skin hydration: a review on its molecular mechanisms. <i>Journal of Cosmetic Dermatology</i> , 2007 , 6, 75-82	2.5	283
90	Hyaluronan in skin: aspects of aging and its pharmacologic modulation. 2008 , 26, 106-22		150
89	Induction of hyaluronan cables and monocyte adherence in epidermal keratinocytes. 2008 , 49, 115-9		48
88	Increased hyaluronan production and decreased E-cadherin expression by cytokine-stimulated keratinocytes lead to spongiosis formation. <i>Journal of Investigative Dermatology</i> , 2009 , 129, 1412-20	4.3	38
87	Hyaluronan accumulation in wounded epidermis: a mediator of keratinocyte activation. <i>Journal of Investigative Dermatology</i> , 2009 , 129, 1858-60	4.3	20
86	Stimulating effects of <i>Bacillus subtilis</i> natto-fermented <i>Radix astragali</i> on hyaluronic acid production in human skin cells. 2009 , 125, 474-81		33
85	Use of hyaluronic acid binding protein for detection of hyaluronan in ligature-induced periodontitis tissue. 2010 , 33, 265-273		
84	Stem cells from human exfoliated deciduous teeth (SHED) enhance wound healing and the possibility of novel cell therapy. 2011 , 13, 598-605		49
83	Skin moisturization mechanisms: new data. 2011 , 69, 135-41		41
82	Fluorescence detection of hyaluronidase. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2011 , 104, 473-7	6.7	25
81	Adams5 deletion blocks murine dermal repair through CD44-mediated aggrecan accumulation and modulation of transforming growth factor β (TGF β) signaling. <i>Journal of Biological Chemistry</i> , 2011 , 286, 26016-27	5.4	60
80	Cellular content of UDP-N-acetylhexosamines controls hyaluronan synthase 2 expression and correlates with O-linked N-acetylglucosamine modification of transcription factors YY1 and SP1. <i>Journal of Biological Chemistry</i> , 2011 , 286, 33632-40	5.4	53
79	Hyaluronan as an immune regulator in human diseases. <i>Physiological Reviews</i> , 2011 , 91, 221-64	47.9	666
78	Binding of trastuzumab to ErbB2 is inhibited by a high pericellular density of hyaluronan. <i>Journal of Histochemistry and Cytochemistry</i> , 2012 , 60, 567-75	3.4	13
77	Hyaluronic acid: A key molecule in skin aging. <i>Dermato-Endocrinology</i> , 2012 , 4, 253-8		370
76	Enhanced inflammation and accelerated wound closure following tetraborborol ester application or full-thickness wounding in mice lacking hyaluronan synthases Has1 and Has3. <i>Journal of Investigative Dermatology</i> , 2012 , 132, 198-207	4.3	56

75	Pycnogenol [®] effects on skin elasticity and hydration coincide with increased gene expressions of collagen type I and hyaluronic acid synthase in women. <i>Skin Pharmacology and Physiology</i> , 2012 , 25, 86-92	3.2	39
74	Regenerative potential of glycosaminoglycans for skin and bone. <i>Journal of Molecular Medicine</i> , 2012 , 90, 625-35	5.5	146
73	Hyaluronan in intra-operative edema of NF1-associated neurofibromas. <i>Neuropathology</i> , 2012 , 32, 406-14	1.4	3
72	Synthesis of sydnone substituted Biginelli derivatives as hyaluronidase inhibitors. <i>Archiv Der Pharmazie</i> , 2013 , 346, 645-53	4.3	9
71	Applications and emerging trends of hyaluronic acid in tissue engineering, as a dermal filler and in osteoarthritis treatment. <i>Acta Biomaterialia</i> , 2013 , 9, 7081-92	10.8	292
70	Low dose ultraviolet B irradiation increases hyaluronan synthesis in epidermal keratinocytes via sequential induction of hyaluronan synthases Has1-3 mediated by p38 and Ca ²⁺ /calmodulin-dependent protein kinase II (CaMKII) signaling. <i>Journal of Biological Chemistry</i> , 2013 , 288, 18569-77	5.4	34
69	Extracellular UDP-glucose activates P2Y ₁₄ Receptor and Induces Signal Transducer and Activator of Transcription 3 (STAT3) Tyr705 phosphorylation and binding to hyaluronan synthase 2 (HAS2) promoter, stimulating hyaluronan synthesis of keratinocytes. <i>Journal of Biological Chemistry</i> , 2014 , 289, 18569-81	5.4	34
68	Anti-aging and filling efficacy of six types hyaluronic acid based dermo-cosmetic treatment: double blind, randomized clinical trial of efficacy and safety. <i>Journal of Cosmetic Dermatology</i> , 2014 , 13, 277-87	2.5	23
67	Characterization of a novel recombinant hyaluronan binding protein for tissue hyaluronan detection. <i>Journal of Histochemistry and Cytochemistry</i> , 2014 , 62, 672-83	3.4	25
66	Use of hyaluronidase for pharmacokinetic increase in bioavailability of intracutaneously applied substances. <i>Skin Pharmacology and Physiology</i> , 2014 , 27, 276-82	3	13
65	Hyaluronan breakdown contributes to immune defense against group A Streptococcus. <i>Journal of Biological Chemistry</i> , 2014 , 289, 26914-26921	5.4	27
64	More than just a filler - the role of hyaluronan for skin homeostasis. <i>Experimental Dermatology</i> , 2014 , 23, 295-303	4	52
63	Matrix hyaluronan-activated CD44 signaling promotes keratinocyte activities and improves abnormal epidermal functions. <i>American Journal of Pathology</i> , 2014 , 184, 1912-9	5.8	74
62	The use of hyaluronic acid based dressings to treat burns: A review. <i>Burns and Trauma</i> , 2014 , 2, 162-8	1.2	60
61	Altered expression of hyaluronan, HAS1-2, and HYAL1-2 in oral lichen planus. <i>Journal of Oral Pathology and Medicine</i> , 2015 , 44, 401-9	3.3	6
60	Differences in CD44 Surface Expression Levels and Function Discriminates IL-17 and IFN- γ Producing Helper T Cells. <i>PLoS ONE</i> , 2015 , 10, e0132479	3.7	26
59	Hyaluronidases and hyaluronan synthases expression is inversely correlated with malignancy in lung/bronchial pre-neoplastic and neoplastic lesions, affecting prognosis. <i>Brazilian Journal of Medical and Biological Research</i> , 2015 , 48, 1039-47	2.8	11
58	Proteoglycans in Normal and Healing Skin. <i>Advances in Wound Care</i> , 2015 , 4, 152-173	4.8	52

57	Cell and Tissue Imaging with Molecularly Imprinted Polymers as Plastic Antibody Mimics. <i>Advanced Healthcare Materials</i> , 2015 , 4, 1322-6	10.1	85
56	Hyaluronan synthase 3 (HAS3) overexpression downregulates MV3 melanoma cell proliferation, migration and adhesion. <i>Experimental Cell Research</i> , 2015 , 337, 1-15	4.2	19
55	A mini-review on Biginelli adducts with notable pharmacological properties. <i>Journal of Advanced Research</i> , 2015 , 6, 363-73	13	100
54	Microneedle fractional radiofrequency increases epidermal hyaluronan and reverses age-related epidermal dysfunction. <i>Lasers in Surgery and Medicine</i> , 2016 , 48, 140-9	3.6	13
53	Hyaluronidase: from clinical applications to molecular and cellular mechanisms. <i>European Journal of Medical Research</i> , 2016 , 21, 5	4.8	99
52	PP2B and ERK1/2 regulate hyaluronan synthesis of HT168 and WM35 human melanoma cell lines. <i>International Journal of Oncology</i> , 2016 , 48, 983-97	4.4	5
51	Hyaluronan Does Not Regulate Human Epidermal Keratinocyte Proliferation and Differentiation. <i>Journal of Biological Chemistry</i> , 2016 , 291, 6347-58	5.4	13
50	Cell and Tissue Imaging with Molecularly Imprinted Polymers. <i>Methods in Molecular Biology</i> , 2017 , 1575, 399-415	1.4	10
49	The 24-hour skin hydration and barrier function effects of a hyaluronic 1%, glycerin 5%, and stem cells extract moisturizing fluid: an intra-subject, randomized, assessor-blinded study. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2017 , 10, 311-315	2.9	12
48	Oral hyaluronan relieves wrinkles: a double-blinded, placebo-controlled study over a 12-week period. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2017 , 10, 267-273	2.9	17
47	Extracellular ATP activates hyaluronan synthase 2 () in epidermal keratinocytes via P2Y, Ca signaling, and MAPK pathways. <i>Biochemical Journal</i> , 2018 , 475, 1755-1772	3.8	14
46	Dysfunction of pulmonary surfactant mediated by phospholipid oxidation is cholesterol-dependent. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018 , 1862, 1040-1049	4	7
45	Novel Use of a Biologically Active-Prefabricated-Random-Three-Dimensional-Polymer Scaffold of Hyaluronic Acid (HYAFF) to Facilitate Complicated Wound Closure. <i>Recent Clinical Techniques, Results, and Research in Wounds</i> , 2018 , 213-247	0	
44	Re-epithelialization of adult skin wounds: Cellular mechanisms and therapeutic strategies. <i>Advanced Drug Delivery Reviews</i> , 2019 , 146, 344-365	18.5	153
43	Sulfated hyaluronan-containing artificial extracellular matrices promote proliferation of keratinocytes and melanotic phenotype of melanocytes from the outer root sheath of hair follicles. <i>Journal of Biomedical Materials Research - Part A</i> , 2019 , 107, 1640-1653	5.4	2
42	Emerging evidence for the essential role of hyaluronan in cutaneous biology. <i>Journal of Dermatological Science</i> , 2019 , 94, 190-195	4.3	13
41	Skin Structure-Function Relationships and the Wound Healing Response to Intrinsic Aging. <i>Advances in Wound Care</i> , 2020 , 9, 127-143	4.8	30
40	Hyaluronic acid: A review on its biology, aspects of drug delivery, route of administrations and a special emphasis on its approved marketed products and recent clinical studies. <i>International Journal of Biological Macromolecules</i> , 2020 , 151, 1012-1029	7.9	92

39	: An Overlooked Human Skin Colonizer. <i>Microorganisms</i> , 2020 , 8,	4.9	7
38	Interactive tissue reactions of 1064-nm focused picosecond-domain laser and dermal cohesive polydensified matrix hyaluronic acid treatment in in vivo rat skin. <i>Skin Research and Technology</i> , 2020 , 26, 683-689	1.9	4
37	Accelerated human epidermal turnover driven by increased hyaluronan production. <i>Journal of Dermatological Science</i> , 2021 , 101, 123-133	4.3	3
36	Enhancement of skin barrier and hydration-related molecules by protopanaxatriol in human keratinocytes. <i>Journal of Ginseng Research</i> , 2021 , 45, 354-360	5.8	12
35	1-Ethyl- β -N-acetylglucosaminide increases hyaluronan production in human keratinocytes by being converted to N-acetylglucosamine via β -N-acetylglucosaminidase-dependent manner. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021 , 85, 1433-1440	2.1	0
34	Oral Hyaluronan Relieves Wrinkles and Improves Dry Skin: A 12-Week Double-Blinded, Placebo-Controlled Study. <i>Nutrients</i> , 2021 , 13,	6.7	5
33	Efficacy of 0.2% hyaluronic acid in the healing of skin abrasions in rats. <i>Heliyon</i> , 2021 , 7, e07572	3.6	4
32	Immunologic Roles of Hyaluronan in Dermal Wound Healing. <i>Biomolecules</i> , 2021 , 11,	5.9	3
31	Antiwrinkle efficacy of 1-ethyl- β -N-acetylglucosaminide, an inducer of epidermal hyaluronan production. <i>Skin Research and Technology</i> , 2021 ,	1.9	0
30	Effects of Linn. Fruit, Pulp, Leaf, and Seed on Oxidation, Inflammation, Tyrosinase, Matrix Metalloproteinase, Elastase, and Hyaluronidase Inhibition. <i>Antioxidants</i> , 2021 , 10,	7.1	1
29	Hyaluronic acid-fibrin hydrogels show improved mechanical stability in dermo-epidermal skin substitutes. <i>Materials Science and Engineering C</i> , 2021 , 128, 112352	8.3	4
28	Tissue-specific parameters for the design of ECM-mimetic biomaterials. <i>Acta Biomaterialia</i> , 2021 , 132, 83-102	10.8	5
27	Skin-specific knockdown of hyaluronan in mice by an optimized topical 4-methylumbelliferone formulation. <i>Drug Delivery</i> , 2021 , 28, 422-432	7	1
26	The detection of glycosaminoglycans in pancreatic islets and lymphoid tissues. <i>Methods in Molecular Biology</i> , 2015 , 1229, 413-30	1.4	7
25	Clinical Applications of Hyaluronidase. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1148, 255-276	3.7	28
24	Hyaluronan: Sources, Turnover and Metabolism. 1989 , 31-49		4
23	Hyaluronidase from infective <i>Ancylostoma</i> hookworm larvae and its possible function as a virulence factor in tissue invasion and in cutaneous larva migrans. <i>Infection and Immunity</i> , 1992 , 60, 1018-23	3.7	68
22	Hyaluronan digestion controls DC migration from the skin. <i>Journal of Clinical Investigation</i> , 2014 , 124, 1309-19	15.9	62

21	The Role of Hyaluronan Receptor Interactions in Wound Repair. 2000 , 115-142		16
20	Hyaluronan. 2000 , 143-160		10
19	CD44 is the major peanut lectin-binding glycoprotein of human epidermal keratinocytes and plays a role in intercellular adhesion. <i>Journal of Cell Science</i> , 1995 , 108, 1959-1970	5.3	54
18	Effect of Ferulic Acid Isolated from <i>Cnidium Officinale</i> on the Synthesis of Hyaluronic Acid. <i>Journal of the Society of Cosmetic Scientists of Korea</i> , 2013 , 39, 281-288		5
17	Hyaluronic Acid in Drug Delivery Systems. <i>Journal of Pharmaceutical Investigation</i> , 2010 , 40, 33-43	6.3	48
16	Detection of Glycosaminoglycans in Pancreatic Islets and Lymphoid Tissues. <i>Methods in Molecular Biology</i> , 2022 , 2303, 695-717	1.4	
15	High-Molecular Weight Biopolymer. 2015 , 19-43		
14	Effects of Molecular Weights of Sodium Hyaluronate on the Collagen Synthesis, Anti-inflammation and Transdermal Absorption. <i>Journal of the Society of Cosmetic Scientists of Korea</i> , 2016 , 42, 235-245		1
13	Skin tissue homogenate analysis for ceramide and TGF-1 contents with TGF-1 mRNA expressions after treatment of pomegranate concentrated solution and dried pomegranate concentrate powder in mice. <i>Journal of Korean Medicine</i> , 2016 , 37, 1-9	0.3	
12	Hyaluronate for shoulder osteoarthritis. <i>The Cochrane Library</i> ,	5.2	78
11	A Change in Sebum, Moisture and Satisfaction According to Hyaluronic Acid Content. <i>The Korean Journal of Oral and Maxillofacial Pathology</i> , 2018 , 42, 73-86	0	0
10	LASMIK laser biorevitalization: mechanisms and therapeutic experience. <i>Dermatology Reports</i> , 2020 , 12, 8996	0.9	1
9	Ultrastructural localisation of anionic sites at the dermo-epidermal junction in normal human skin. <i>Journal of Anatomy</i> , 1991 , 176, 181-95	2.9	1
8	Hyaluronan distribution in the normal epithelium of esophagus, stomach, and colon and their cancers. <i>American Journal of Pathology</i> , 1996 , 148, 1861-9	5.8	86
7	Enhanced efficacy of a facial hydrating serum in subjects with normal or self-perceived dry skin. <i>Journal of Clinical and Aesthetic Dermatology</i> , 2011 , 4, 51-5	1.2	2
6	Epidermal Hyaluronan in Barrier Alteration-Related Disease. <i>Cells</i> , 2021 , 10,	7.9	1
5	The Degradation of Hyaluronan in the Skin.. <i>Biomolecules</i> , 2022 , 12,	5.9	2
4	Cuprolinic blue visualization of cytosolic and membrane-associated glycosaminoglycans in the rat junctional epithelium and gingival epithelia. <i>The Histochemical Journal</i> , 1994 , 26, 213-25		

- 3 Role of CD99 in regulating homeostasis and differentiation in normal human epidermal keratinocytes.. *Biochemical and Biophysical Research Communications*, **2022**, 606, 108-113 3-4
- 2 Anionic polymers amplify electrokinetic perfusion through extracellular matrices. 10, ○
- 1 Anti-wrinkle and Moisturizing Activity of Echinacea angustifolia Extract as a Cosmetic ingredient. **2022**, 20, 531-540 ○