

# Growth factor mRNA and protein in preserved human a

Current Eye Research

20, 173-177

DOI: [10.1076/0271-3683\(200003\)2031-9ft173](https://doi.org/10.1076/0271-3683(200003)2031-9ft173)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Amniotic membrane graft for primary pterygium: comparison with conjunctival autograft and topical mitomycin C treatment. <i>British Journal of Ophthalmology</i> , 2000, 84, 973-978.	2.1	186
2	Signaling to the epithelium is not sufficient to mediate all of the effects of transforming growth factor $\beta^2$ and bone morphogenetic protein 4 on murine embryonic lung development. <i>Mechanisms of Development</i> , 2001, 109, 13-26.	1.7	77
3	Cultivated corneal epithelial stem cell transplantation in ocular surface disorders <sup>11</sup> The authors have no financial interest in this work.. <i>Ophthalmology</i> , 2001, 108, 1569-1574.	2.5	444
4	Amniotic membrane surgery. <i>Current Opinion in Ophthalmology</i> , 2001, 12, 269-281.	1.3	126
5	Amniotic epithelial cells transform into neuron-like cells in the ischemic brain. <i>NeuroReport</i> , 2001, 12, 4003-4007.	0.6	56
7	Further evaluation of amniotic membrane banking for transplantation in ocular surface diseases. <i>Cell and Tissue Banking</i> , 2001, 2, 155-163.	0.5	37
8	Amniotic Membrane Transplantation for Ocular Surface Reconstruction. <i>Bioscience Reports</i> , 2001, 21, 481-489.	1.1	163
9	Preserved Amniotic Membrane Transplantation for Conjunctival Surface Reconstruction. , 2001, 2, 31-39.		25
10	Effects of amniotic membrane on epithelial wound healing and stromal remodelling after excimer laser keratectomy in rabbit cornea. <i>British Journal of Ophthalmology</i> , 2001, 85, 345-349.	2.1	59
11	Single and multilayer amniotic membrane transplantation for persistent corneal epithelial defect with and without stromal thinning and perforation. <i>British Journal of Ophthalmology</i> , 2001, 85, 1455-1463.	2.1	145
12	Amniotic Membrane Transplantation for Ocular Surface Reconstruction. , 2002, , 226-231.		1
14	Amniotic Membrane Graft for the Management of Scleral Melting and Corneal Perforation in Recalcitrant Infectious Scleral and Corneoscleral Ulcers. <i>Cornea</i> , 2002, 21, 275-283.	0.9	87
15	Ocular surface reconstruction update. <i>Current Opinion in Ophthalmology</i> , 2002, 13, 213-219.	1.3	22
16	Growth Factor Changes in Ex Vivo Expansion of Human Limbal Epithelial Cells on Human Amniotic Membrane. <i>Cornea</i> , 2002, 21, 101-105.	0.9	19
17	Suppression of Corneal Neovascularization by Culture Supernatant of Human Amniotic Cells. <i>Cornea</i> , 2002, 21, 62-67.	0.9	65
18	Amniotic Membrane Implantation as a Therapeutic Contact Lens for the Treatment of Epithelial Disorders. <i>Cornea</i> , 2002, 21, 22-27.	0.9	45
19	Naturally Occurring Scaffolds for Soft Tissue Repair and Regeneration. <i>Tissue Engineering</i> , 2002, 8, 295-308.	4.9	292
20	Histologic findings after amniotic membrane graft in the human cornea. <i>Ophthalmology</i> , 2002, 109, 508-512.	2.5	47

#	ARTICLE	IF	CITATIONS
21	The effect of amniotic membrane extract on the expression of iNOS mRNA and generation of NO in HaCaT cell by ultraviolet B irradiation. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2002, 18, 280-286.	0.7	12
22	Immunosuppressive properties of human amniotic membrane for mixed lymphocyte reaction. <i>Clinical and Experimental Immunology</i> , 2002, 129, 464-470.	1.1	109
24	Proliferation and stratification of keratinocyte on cultured amniotic epithelial cells for tissue engineering. <i>Journal of Bioscience and Bioengineering</i> , 2003, 95, 589-593.	1.1	7
25	Temporary amniotic membrane patching for acute chemical burns. <i>Eye</i> , 2003, 17, 149-158.	1.1	85
26	Ex vivo expansion of limbal epithelial stem cells: amniotic membrane serving as a stem cell niche. <i>Survey of Ophthalmology</i> , 2003, 48, 631-646.	1.7	250
27	Gap junctional communication in microinjected human limbal and peripheral corneal epithelial cells cultured on intact amniotic membrane. <i>Experimental Eye Research</i> , 2003, 76, 303-314.	1.2	45
28	Amniotic membrane transplantation for ocular surface pathology: long-term results. <i>Transplantation Proceedings</i> , 2003, 35, 2031-2035.	0.3	19
29	Role of amniotic membrane transplantation for conjunctival reconstruction in ocular-cicatricial pemphigoid. <i>Ophthalmology</i> , 2003, 110, 474-480.	2.5	73
30	Amniotic membrane transplantation for bullous keratopathy in eyes with poor visual potential. <i>Journal of Cataract and Refractive Surgery</i> , 2003, 29, 279-284.	0.7	76
31	Human amniotic membrane transplantation: past, present, and future. <i>Ophthalmology Clinics of North America</i> , 2003, 16, 43-65.	1.8	97
34	In Vitro Antiangiogenic Activity in Ex Vivo Expanded Human Limbocorneal Epithelial Cells Cultivated on Human Amniotic Membrane. , 2004, 45, 2586.		29
35	Ocular cicatricial pemphigoid: pathogenesis, diagnosis and treatment. <i>Progress in Retinal and Eye Research</i> , 2004, 23, 579-592.	7.3	99
36	Vascular Endothelial Growth Factor Activation of Intramembranous Absorption: A Critical Pathway for Amniotic Fluid Volume Regulation. <i>Journal of the Society for Gynecologic Investigation</i> , 2004, 11, 63-74.	1.9	44
38	Human Placenta Feeder Layers Support Undifferentiated Growth of Primate Embryonic Stem Cells. <i>Stem Cells</i> , 2004, 22, 433-440.	1.4	83
39	Transplantable cultivated mucosal epithelial sheet for ocular surface reconstruction. <i>Experimental Eye Research</i> , 2004, 78, 483-491.	1.2	69
40	The amniotic membrane in ophthalmology. <i>Survey of Ophthalmology</i> , 2004, 49, 51-77.	1.7	672
41	Autologous amnion graft for repair of myelomeningocele: technical note and clinical implication. <i>Journal of Clinical Neuroscience</i> , 2004, 11, 408-411.	0.8	36
42	Effect of amniotic membrane after laser-assisted subepithelial keratectomy on epithelial healing. <i>Journal of Cataract and Refractive Surgery</i> , 2004, 30, 334-340.	0.7	14

#	ARTICLE	IF	CITATIONS
43	Concept and Clinical Application of Cultivated Epithelial Transplantation for Ocular Surface Disorders. <i>Ocular Surface</i> , 2004, 2, 21-33.	2.2	19
44	Keratinocyte Growth Factor and Autocrine Repair in Airway Epithelium. <i>JAMA Otolaryngology</i> , 2004, 130, 446.	1.5	10
45	Amniotic Membrane Transplantation for Reconstruction of Corneal Ulcer in Graves Ophthalmopathy. <i>Cornea</i> , 2004, 23, 524-526.	0.9	36
46	Dramatic Healing of an Allergic Corneal Ulcer Persistent for 6 Months by Amniotic Membrane Patching in a Patient With Atopic Keratoconjunctivitis. <i>Cornea</i> , 2004, 23, 723-725.	0.9	16
47	Amniotic Membrane Transplantation and Fibrin Glue in the Management of Corneal Ulcers and Perforations. <i>Cornea</i> , 2005, 24, 369-377.	0.9	151
48	Amniotic Membrane Transplantation for Ocular Surface Reconstruction. <i>Cornea</i> , 2005, 24, 643-653.	0.9	155
49	Angiogenic response induced by acellular femoral matrix in vivo. <i>Journal of Anatomy</i> , 2005, 207, 79-83.	0.9	22
50	Equine amniotic membrane transplantation for corneal ulceration and keratomalacia in three horses. <i>Veterinary Ophthalmology</i> , 2005, 8, 311-317.	0.6	64
51	Amniotic membrane transplantation in ocular surface disorders. <i>Journal of Cellular Physiology</i> , 2005, 202, 849-851.	2.0	53
53	Suspension Made with Amniotic Membrane: Clinical Trial. <i>European Journal of Ophthalmology</i> , 2005, 15, 441-445.	0.7	31
54	Preparation, indications and results of human amniotic membrane transplantation for ocular surface disorders. <i>Expert Review of Medical Devices</i> , 2005, 2, 153-160.	1.4	21
55	Survival Analysis of Conjunctival Limbal Grafts and Amniotic Membrane Transplantation in Eyes With Total Limbal Stem Cell Deficiency. <i>American Journal of Ophthalmology</i> , 2005, 140, 223.e1-223.e9.	1.7	149
56	Current Concepts in Ocular Surface Reconstruction. <i>Seminars in Ophthalmology</i> , 2005, 20, 75-93.	0.8	23
57	Production of an Acellular Amniotic Membrane Matrix for Use in Tissue Engineering. <i>Tissue Engineering</i> , 2006, 12, 2117-2129.	4.9	203
61	Current Prospects for Adult Stem Cell-Based Therapies in Ocular Repair and Regeneration. <i>Current Eye Research</i> , 2006, 31, 381-390.	0.7	40
62	Ocular Surface Restoration Using Non-Surgical Transplantation of Tissue-Cultured Human Amniotic Epithelial Cells. <i>American Journal of Ophthalmology</i> , 2006, 141, 299-307.e1.	1.7	20
63	Histological evaluation of rabbit gingival wound healing transplanted with human amniotic membrane. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2006, 35, 247-251.	0.7	55
64	Amniotic Membrane Transplantation with Cauterization for Keratoconus Complicated by Persistent Hydrops in Mentally Retarded Patients. <i>Ophthalmology</i> , 2006, 113, 561-564.	2.5	26

#	ARTICLE	IF	CITATIONS
65	Integration Patterns of Cryopreserved Amniotic Membranes into the Human Cornea. <i>Ophthalmology</i> , 2006, 113, 1927-1935.	2.5	58
66	Amniotic Membrane for Ocular Surface Reconstruction: Donor Variations and the Effect of Handling on TGF- $\beta$ 2 Content. , 2006, 47, 4316.		119
68	Pseudophakic Corneal Edema. <i>Cornea</i> , 2006, 25, 993-1004.	0.9	44
69	Evaluation of Amniotic Membrane Grafting in the Reconstruction of Contracted Socket. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2006, 22, 116-120.	0.4	46
70	Amniotic membrane transplantation in the surgical management of symblepharon following toxic epidermal necrolysis. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2006, 20, 214-216.	1.3	11
71	RE: Ciprofloxacin resistance in Great Yarmouth and Waveney district. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2006, 20, 216-217.	1.3	2
72	Fabrication of Myomucosal Flap Using Tissue-engineered Bioartificial Mucosa Constructed With Oral Keratinocytes Cultured on Amniotic Membrane. <i>Artificial Organs</i> , 2006, 30, 411-423.	1.0	24
73	Nonpreserved human amniotic membrane transplantation for conjunctival reconstruction after excision of extensive ocular surface neoplasia. <i>Eye</i> , 2006, 20, 351-357.	1.1	41
74	Interleukin-1 Receptor Antagonist (IL-1RA) Prevents Apoptosis in Ex Vivo Expansion of Human Limbal Epithelial Cells Cultivated on Human Amniotic Membrane. <i>Stem Cells</i> , 2006, 24, 2130-2139.	1.4	38
75	Comparison of intact and denuded amniotic membrane as a substrate for cell-suspension culture of human limbal epithelial cells. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2006, 245, 123-134.	1.0	101
76	Nerve growth factor modulates in vitro the expression and release of TGF- $\beta$ 21 by amniotic membrane. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2006, 244, 485-491.	1.0	10
77	Anatomy and Genesis of the Placenta. , 2006, , 189-243.		27
79	Amniotic Membrane Transplantation Versus Mucous Membrane Grafting in Anophthalmic Contracted Socket. <i>Orbit</i> , 2006, 25, 195-203.	0.5	48
80	A Novel Intravascular Stents Covered with Human Amniotic Membrane. , 2007, , .		2
81	Transplantation of Preserved Human Amniotic Membrane for Bladder Augmentation in Rats. <i>Tissue Engineering</i> , 2007, 13, 513-524.	4.9	56
82	Effects of the Human Amniotic Membrane on Axonal Outgrowth of Dorsal Root Ganglia Neurons in Culture. <i>Current Eye Research</i> , 2007, 32, 731-738.	0.7	14
83	Histopathologic Limbus Evolution After Alkaline Burns. <i>Cornea</i> , 2007, 26, 1043-1048.	0.9	22
84	Amniotic Membrane Transplantation Combined with Antiviral and Steroid Therapy for Herpes Necrotizing Stromal Keratitis. <i>Ophthalmology</i> , 2007, 114, 1476-1481.e1.	2.5	51

#	ARTICLE	IF	CITATIONS
85	Vascularization Is More Delayed in Amniotic Membrane Graft Than Conjunctival Autograft After Pterygium Excision. <i>American Journal of Ophthalmology</i> , 2007, 143, 245-249.e1.	1.7	15
86	Amniotic epithelial cell-derived cholangiocytes in experimental cholestatic ductal hyperplasia. <i>Hepatology Research</i> , 2007, 37, 286-294.	1.8	16
87	Science and Strategy for Preventing and Managing Corneal Ulceration. <i>Ocular Surface</i> , 2007, 5, 23-39.	2.2	53
89	Term Amniotic membrane is a high throughput source for multipotent Mesenchymal Stem Cells with the ability to differentiate into endothelial cells in vitro. <i>BMC Developmental Biology</i> , 2007, 7, 11.	2.1	337
90	Amnia for intractable skin ulcers with recessive dystrophic epidermolysis bullosa: Report of three cases. <i>Journal of Dermatology</i> , 2007, 34, 328-332.	0.6	23
91	Effect of limbal explant orientation on the histology, phenotype, ultrastructure and barrier function of cultured limbal epithelial cells. <i>Acta Ophthalmologica</i> , 2007, 85, 377-386.	0.4	16
92	Amniotic membrane transplantation for ocular surface reconstruction: indications and outcomes. <i>Clinical and Experimental Ophthalmology</i> , 2007, 35, 070130044246003-???	1.3	58
93	Enhancing sealing of fetal membrane defects using tissue engineered native amniotic scaffolds in the rabbit model. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 196, 263.e1-263.e7.	0.7	37
94	The influence of various storage conditions on cell viability in amniotic membrane. <i>Cell and Tissue Banking</i> , 2007, 8, 1-8.	0.5	91
95	Immunohistochemical Observation of Amniotic Membrane Patching on a Corneal Alkali Burn In Vivo. <i>Japanese Journal of Ophthalmology</i> , 2007, 51, 3-9.	0.9	19
96	Rate of epithelialisation and re-operations in corneal ulcers treated with amniotic membrane transplantation combined with botulinum toxin-induced ptosis. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2007, 245, 955-964.	1.0	9
97	Amniotic membrane as a carrier for lacrimal gland acinar cells. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2007, 245, 1699-1704.	1.0	20
98	Sutureless amniotic membrane transplantation for ocular surface reconstruction with a chemically defined bioadhesive. <i>Biomaterials</i> , 2008, 29, 2923-2931.	5.7	37
99	Concise Review: Isolation and Characterization of Cells from Human Term Placenta: Outcome of the First International Workshop on Placenta Derived Stem Cells. <i>Stem Cells</i> , 2008, 26, 300-311.	1.4	921
100	Differentiation of Human Amniotic Membrane cells into Osteoblasts in vitro.. <i>Human Cell</i> , 2005, 18, 191-195.	1.2	8
101	Homogenous amniotic membrane as a biological dressing for oral mucositis in rats: Histomorphometric analysis. <i>Archives of Oral Biology</i> , 2008, 53, 1163-1171.	0.8	20
102	Clinical efficacy of amniotic membrane transplantation in the treatment of various ocular surface diseases. <i>Contact Lens and Anterior Eye</i> , 2008, 31, 73-80.	0.8	25
103	Biocompatibility and Potential of Acellular Human Amniotic Membrane to Support the Attachment and Proliferation of Allogeneic Cells. <i>Tissue Engineering - Part A</i> , 2008, 14, 463-472.	1.6	113

#	ARTICLE	IF	CITATIONS
104	Amine Functionalization of Cholecyst-Derived Extracellular Matrix with Generation 1 PAMAM Dendrimer. <i>Biomacromolecules</i> , 2008, 9, 528-536.	2.6	34
105	Cryopreserved Human Amniotic Membrane for Soft Tissue Repair in Rats. <i>Annals of Plastic Surgery</i> , 2008, 60, 684-691.	0.5	28
106	Textbook of Reconstructive Urologic Surgery. , 0, , .		0
107	Mucous Membrane Grafting. , 2008, 41, 230-242.		45
108	Ocular surface reconstruction: recent innovations, surgical candidate selection and postoperative management. <i>Expert Review of Ophthalmology</i> , 2008, 3, 567-584.	0.3	8
109	Lamotrigine-Induced Toxic Epidermal Necrolysis Treated With Intravenous Immunoglobulin and Amniotic Membranes. <i>Archives of Dermatology</i> , 2008, 144, 724.	1.7	10
110	The Role of Allogenic Amniotic Membrane in Burn Treatment. <i>Journal of Burn Care and Research</i> , 2008, 29, 907-916.	0.2	121
111	Amniotic Membrane Transplantation: Indications and Results. <i>European Journal of Ophthalmology</i> , 2008, 18, 685-690.	0.7	22
112	Use of Human Amnion Epithelial Cells as a Feeder Layer to Support Undifferentiated Growth of Mouse Embryonic Stem Cells. <i>Cloning and Stem Cells</i> , 2009, 11, 331-340.	2.6	24
113	Immunosuppressive Property of Dried Human Amniotic Membrane. <i>Ophthalmic Research</i> , 2009, 41, 112-113.	1.0	14
114	Amniotic membrane extraction solution for ocular chemical burns. <i>Clinical and Experimental Ophthalmology</i> , 2009, 37, 855-863.	1.3	66
115	Comparison of cryopreserved and air-dried human amniotic membrane for ophthalmologic applications. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2009, 247, 1691-1700.	1.0	66
116	Effects of human amniotic membrane grafts combined with marrow mesenchymal stem cells on healing of full-thickness skin defects in rabbits. <i>Cell and Tissue Research</i> , 2009, 336, 59-66.	1.5	61
117	Effects of amniotic membrane on the healing of primary colonic anastomoses in the cecal ligation and puncture model of secondary peritonitis in rats. <i>International Journal of Colorectal Disease</i> , 2009, 24, 559-567.	1.0	22
118	Effects of amniotic membrane on the healing of normal and high-risk colonic anastomoses in rats. <i>International Journal of Colorectal Disease</i> , 2009, 24, 809-817.	1.0	21
119	Canine amniotic membrane transplantation for corneal reconstruction after the excision of dermoids in dogs. <i>Veterinary Research Communications</i> , 2009, 33, 1003-1012.	0.6	24
120	Impact of human amniotic membrane preparation on release of angiogenic factors. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2009, 3, 651-654.	1.3	81
121	Amniotic membrane use in dermatology. <i>International Journal of Dermatology</i> , 2009, 48, 935-940.	0.5	61

#	ARTICLE	IF	CITATIONS
122	Anti-inflammatory effects of topical supernatant from human amniotic membrane cell culture on canine deep corneal ulcer after human amniotic membrane transplantation. <i>Veterinary Ophthalmology</i> , 2009, 12, 28-35.	0.6	23
123	Expansion and delivery of human fibroblasts on micronized acellular dermal matrix for skin regeneration. <i>Biomaterials</i> , 2009, 30, 2666-2674.	5.7	73
124	A randomised controlled trial of amniotic membrane in the treatment of a standardised burn injury in the merino lamb. <i>Burns</i> , 2009, 35, 998-1003.	1.1	21
125	Histologic Features of Transplanted Amniotic Membrane: Implications for Corneal Wound Healing. <i>Ophthalmology</i> , 2009, 116, 1287-1295.	2.5	38
126	Photochemical Sealing Improves Outcome Following Peripheral Neurotomy. <i>Journal of Surgical Research</i> , 2009, 151, 33-39.	0.8	51
127	Culture conditions for primary human limbal epithelial cells. <i>Regenerative Medicine</i> , 2009, 4, 461-470.	0.8	22
128	Epidermal Growth Factor Variations in Amniotic Membrane Used for <i>Ex Vivo</i> Tissue Constructs. <i>Tissue Engineering - Part A</i> , 2009, 15, 1919-1927.	1.6	55
129	Effects of lyophilization on human amniotic membrane. <i>Acta Ophthalmologica</i> , 2009, 87, 396-403.	0.6	101
130	Amnion: A Potent Graft Source for Cell Therapy in Stroke. <i>Cell Transplantation</i> , 2009, 18, 111-118.	1.2	83
131	Preparation and Integration of Human Amnion Nerve Conduits Using a Light-Activated Technique. <i>Plastic and Reconstructive Surgery</i> , 2009, 124, 428-437.	0.7	34
132	Surgical management of acquired socket contracture. <i>Current Opinion in Ophthalmology</i> , 2009, 20, 406-411.	1.3	42
133	Amniotic Membrane Grafting in the Management of Conjunctival Vascular Malformations. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2009, 25, 371-375.	0.4	11
134	In Vitro Eye Irritancy Test of Polyoxyethylene Alkyl Derivatives Using a Reconstructed Rabbit Corneal Epithelium Model. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 807-812.	0.6	1
135	Regenerative medicine for the urethra. , 2009, , 454-469.		0
136	Preservation, sterilization and de-epithelialization of human amniotic membrane for use in ocular surface reconstruction. <i>Biomaterials</i> , 2010, 31, 216-225.	5.7	181
137	Covering the colon anastomoses with amniotic membrane prevents the negative effects of early intraperitoneal 5-FU administration on anastomotic healing. <i>International Journal of Colorectal Disease</i> , 2010, 25, 223-232.	1.0	21
138	Effects of the amniotic membrane on healing of colonic anastomoses in experimental left-sided colonic obstruction. <i>Langenbeck's Archives of Surgery</i> , 2010, 395, 535-543.	0.8	6
139	Amniotic membrane induces epithelialization in massive posttraumatic wounds. <i>Wound Repair and Regeneration</i> , 2010, 18, 368-377.	1.5	76



#	ARTICLE	IF	CITATIONS
140	In vitro culture and expansion of human limbal epithelial cells. <i>Nature Protocols</i> , 2010, 5, 1470-1479.	5.5	106
141	Successful treatment of an unusually large corneal epithelial inclusion cyst using equine amniotic membrane in a dog. <i>Veterinary Ophthalmology</i> , 2010, 13, 122-125.	0.6	18
142	Effective Keratocyte Culture Using Amniotic Membrane Matrix and Differentiation of Mesenchymal Stem Cells. <i>Journal of Korean Ophthalmological Society</i> , 2010, 51, 1652.	0.0	1
143	Biological and Ultrastructural Properties of Acelagraft, a Freeze-Dried $\beta$ -Irradiated Human Amniotic Membrane. <i>JAMA Ophthalmology</i> , 2010, 128, 1303.	2.6	36
144	Therapeutic Angiogenesis by Implantation of a Capillary Structure Constituted of Human Adipose Tissue Microvascular Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1300-1306.	1.1	16
145	Optimization of Culture Conditions to Support Undifferentiated Growth of Human Embryonic Stem Cells. <i>Cellular Reprogramming</i> , 2010, 12, 305-314.	0.5	15
146	Variations in amniotic membrane: relevance for clinical applications. <i>British Journal of Ophthalmology</i> , 2010, 94, 963-964.	2.1	42
147	Use of human amniotic membrane wrap in reducing perineural adhesions in a rabbit model of ulnar nerve neurorrhaphy. <i>Journal of Hand Surgery: European Volume</i> , 2010, 35, 214-219.	0.5	40
148	'Tell-ing Eyes' of Sumer. <i>British Journal of Ophthalmology</i> , 2010, 94, 964-964.	2.1	0
150	Hydrogel sealants for wound repair in ophthalmic surgery. , 2010, , 411-432.		1
151	Human Amnion as a Temporary Biologic Barrier after Hysteroscopic Lysis of Severe Intrauterine Adhesions: Pilot Study. <i>Journal of Minimally Invasive Gynecology</i> , 2010, 17, 605-611.	0.3	106
152	Differentiation Status of Limbal Epithelial Cells Cultured on Intact and Denuded Amniotic Membrane Before and After Air-Lifting. <i>Tissue Engineering - Part A</i> , 2010, 16, 2721-2729.	1.6	26
153	Amniotic membrane grafting in patients with epidermolysis bullosa with chronic wounds. <i>Journal of the American Academy of Dermatology</i> , 2010, 62, 1038-1044.	0.6	26
154	Repair of oronasal fistulas with human amniotic membrane in minipigs. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2010, 48, 131-135.	0.4	37
155	In sickness and in health: Corneal epithelial stem cell biology, pathology and therapy. <i>Experimental Eye Research</i> , 2010, 90, 188-195.	1.2	100
156	Donor age and gestational age influence on growth factor levels in human amniotic membrane. <i>Acta Ophthalmologica</i> , 2010, 88, e211-6.	0.6	62
157	Toward Cell Therapy Using Placenta-Derived Cells: Disease Mechanisms, Cell Biology, Preclinical Studies, and Regulatory Aspects at the Round Table. <i>Stem Cells and Development</i> , 2010, 19, 143-154.	1.1	127
158	Biological characteristics of stem cells from foetal, cord blood and extraembryonic tissues. <i>Journal of the Royal Society Interface</i> , 2010, 7, S689-706.	1.5	115

#	ARTICLE	IF	CITATIONS
160	Combined amniotic membrane transplant and anterior stromal puncture in painful bullous keratopathy: clinical outcome and confocal microscopy. <i>Canadian Journal of Ophthalmology</i> , 2011, 46, 169-174.	0.4	17
161	Expansion and Delivery of Adipose-Derived Mesenchymal Stem Cells on Three Microcarriers for Soft Tissue Regeneration. <i>Tissue Engineering - Part A</i> , 2011, 17, 2981-2997.	1.6	63
162	The Effect of Long-Term Storage on the Biological and Histological Properties of Cryopreserved Amniotic Membrane. <i>Current Eye Research</i> , 2011, 36, 247-255.	0.7	43
163	Fetal adnexa derived stem cells from domestic animal: progress and perspectives. <i>Theriogenology</i> , 2011, 75, 1400-1415.	0.9	55
164	Amniotic Membrane Transplantation in the Human Eye. <i>Deutsches A&amp;#x0308;rztblatt International</i> , 2011, 108, 243-8.	0.6	138
165	Cell Delivery with Fixed Amniotic Membrane Reconstructs Corneal Epithelium in Rabbits with Limbal Stem Cell Deficiency. , 2011, 52, 724.		19
166	Ocular Surface Reconstruction using Amniotic Membrane following Excision of Conjunctival and Limbal Tumors. <i>European Journal of Ophthalmology</i> , 2011, 21, 552-558.	0.7	25
167	Human Amniotic Epithelial Cells Induce Localized Cell-Mediated Immune Privilege in Vitro: Implications for Pancreatic Islet Transplantation. <i>Cell Transplantation</i> , 2011, 20, 523-534.	1.2	22
168	Ocular Involvement in Chronic Graft-Versus-Host Disease: Therapeutic Approaches to Complicated Courses. <i>Cornea</i> , 2011, 30, 107-113.	0.9	21
169	â€œSwiss Rollâ€•Amniotic Membrane Technique for the Management of Corneal Perforations. <i>Cornea</i> , 2011, 30, 838-841.	0.9	19
170	Use of Human Amniotic Membrane as an Interpositional Material in Treatment of Temporomandibular Joint Ankylosis. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011, 69, e58-e66.	0.5	19
171	Review: Preclinical studies on placenta-derived cells and amniotic membrane: An update. <i>Placenta</i> , 2011, 32, S186-S195.	0.7	83
172	Cultured epithelial grafting using human amniotic membrane: The potential for using human amniotic epithelial cells as a cultured oral epithelium sheet. <i>Archives of Oral Biology</i> , 2011, 56, 1170-1176.	0.8	13
173	An epidermal stem cells niche microenvironment created by engineered human amniotic membrane. <i>Biomaterials</i> , 2011, 32, 7801-7811.	5.7	34
174	Perinatal sources of mesenchymal stem cells: Whartonâ€™s jelly, amnion and chorion. <i>Cellular and Molecular Biology Letters</i> , 2011, 16, 493-514.	2.7	83
175	One and four layer acellular bladder matrix for fascial tissue reconstruction. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 741-751.	1.7	14
177	Human amniotic epithelial cells maintain mouse spermatogonial stem cells in an undifferentiated state due to high leukemia inhibitor factor (LIF) expression. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2011, 47, 318-326.	0.7	13
178	Human amniotic membrane as a chondrocyte carrier vehicle/substrate: <i>In vitro</i> study. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 99A, 500-506.	2.1	23

#	ARTICLE	IF	CITATIONS
179	The impact of compositional topography of amniotic membrane scaffold on tissue morphogenesis of salivary gland. <i>Biomaterials</i> , 2011, 32, 4424-4432.	5.7	24
180	Equine bone marrow mesenchymal or amniotic epithelial stem cells as feeder in a model for the <i>in vitro</i> culture of bovine embryos. <i>Zygote</i> , 2012, 20, 45-51.	0.5	13
181	Prognostic Factors and Visual Outcome for Fireworks-Related Burns During Spring Festival in South China. <i>Journal of Burn Care and Research</i> , 2012, 33, e109-e114.	0.2	16
182	A Modified Symblepharon Ring for Sutureless Amniotic Membrane Patch to Treat Acute Ocular Surface Burns. <i>Journal of Burn Care and Research</i> , 2012, 33, e32-e38.	0.2	19
183	Indications and Outcomes of Amniotic Membrane Transplantation in the Management of Acute Stevensâ€“Johnson Syndrome and Toxic Epidermal Necrolysis. <i>Cornea</i> , 2012, 31, 1394-1402.	0.9	79
184	Use of human amniotic epithelial cells as a feeder layer to support undifferentiated growth of mouse spermatogonial stem cells via epigenetic regulation of the Nanog and Oct-4 promoters. <i>Acta Biologica Hungarica</i> , 2012, 63, 167-179.	0.7	5
185	Amniotic membrane: from structure and functions to clinical applications. <i>Cell and Tissue Research</i> , 2012, 349, 447-458.	1.5	296
186	Concise Review: Role of Mesenchymal Stem Cells in Wound Repair. <i>Stem Cells Translational Medicine</i> , 2012, 1, 142-149.	1.6	620
187	Conditioned medium from amniotic mesenchymal tissue cells reduces progression of bleomycin-induced lung fibrosis. <i>Cytotherapy</i> , 2012, 14, 153-161.	0.3	88
188	<i>In vitro</i> development and characterization of canine epidermis on a porcine acellular dermal matrix. <i>Veterinary Journal</i> , 2012, 193, 503-507.	0.6	5
189	Amniotic membrane transplantation for acute ocular burns. <i>The Cochrane Library</i> , 2012, , CD009379.	1.5	52
190	Effects of epidermal growth factor on the proliferation and cell cycle regulation of cultured human amnion epithelial cells. <i>Journal of Bioscience and Bioengineering</i> , 2012, 114, 220-227.	1.1	33
191	Silk Fibroin as a Biomaterial Substrate for Corneal Epithelial Cell Sheet Generation. , 2012, 53, 4130.		78
192	Fresh and cryopreserved amniotic membrane secrete the trefoil factor family peptide 3 that is well known to promote wound healing. <i>Histochemistry and Cell Biology</i> , 2012, 138, 243-250.	0.8	22
193	Regenerative Approaches as Alternatives to Donor Allografting for Restoration of Corneal Function. <i>Ocular Surface</i> , 2012, 10, 170-183.	2.2	43
194	The mechanical properties of amniotic membrane influence its effect as a biomaterial for ocular surface repair. <i>Soft Matter</i> , 2012, 8, 8379.	1.2	51
195	Micronized acellular dermal matrix as an efficient expansion substrate and delivery vehicle of adiposeâ€“derived stem cells for vocal fold regeneration. <i>Laryngoscope</i> , 2012, 122, 1815-1825.	1.1	20
196	Amniotic membrane as part of a skin substitute for fullâ€“thickness wounds: An experimental evaluation in a porcine model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2012, 100B, 1245-1256.	1.6	36

#	ARTICLE	IF	CITATIONS
197	High Efficiency of Reprogramming CD34+ Cells Derived from Human Amniotic Fluid into Induced Pluripotent Stem Cells with Oct4. <i>Stem Cells and Development</i> , 2012, 21, 2322-2332.	1.1	59
198	The effects of different preservation processes on the total protein and growth factor content in a new biological product developed from human amniotic membrane. <i>Cell and Tissue Banking</i> , 2012, 13, 353-361.	0.5	68
200	In vitro characterization and ex vivo surgical evaluation of human hair keratin films in ocular surface reconstruction after sterilization processing. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 221-230.	1.7	30
202	A Prospective Study of 20 Foot and Ankle Wounds Treated with Cryopreserved Amniotic Membrane and Fluid Allograft. <i>Journal of Foot and Ankle Surgery</i> , 2013, 52, 615-621.	0.5	37
203	New approaches to enhanced wound healing: future modalities for chronic venous ulcers. <i>Drug Discovery Today Disease Mechanisms</i> , 2013, 10, e71-e77.	0.8	4
204	Amniotic membrane transplantation ineffective as additional therapy in patients with aggressive Mooren's ulcer. <i>BMC Ophthalmology</i> , 2013, 13, 81.	0.6	13
205	Mouse Primed Embryonic Stem Cells Could Be Maintained and Reprogrammed on Human Amnion Epithelial Cells. <i>Stem Cells and Development</i> , 2013, 22, 320-329.	1.1	10
206	Fetal membranes as a source of stem cells. <i>Advances in Medical Sciences</i> , 2013, 58, 185-195.	0.9	39
207	Bioactive amnion as a guided tissue regeneration (GTR) membrane for treatment of isolated gingival recession. A case report. <i>Indian Journal of Dentistry</i> , 2013, 4, 110-113.	0.6	6
210	Techniques and materials for enhancement of peripheral nerve regeneration: A literature review. <i>Microsurgery</i> , 2013, 33, 318-328.	0.6	46
211	Effect of freeze dried bovine amniotic membrane extract on full thickness wound healing. <i>Archives of Pharmacal Research</i> , 2013, 36, 472-478.	2.7	23
212	Amnion's Chorion Allograft Barrier Used for Guided Tissue Regeneration Treatment of Periodontal Intraony Defects: A Retrospective Observational Report. <i>Clinical Advances in Periodontics</i> , 2013, 3, 131-137.	0.4	30
213	Modification of Amniotic Membrane as a Depot Carrier for Bevacizumab - An In-Vitro Model for a Slow Release Mechanism. <i>Current Eye Research</i> , 2013, 38, 445-450.	0.7	7
214	The Use of Amniotic Membrane for the Management of Fibrosis in Complex Strabismus Surgery. <i>Strabismus</i> , 2013, 21, 13-22.	0.4	20
215	Autocrine TGF- $\beta$ 2 Induces Epithelial to Mesenchymal Transition in Human Amniotic Epithelial Cells. <i>Cell Transplantation</i> , 2013, 22, 1351-1367.	1.2	52
216	Evaluation of an Amniotic Membrane-Collagen Dermal Substitute in the Management of Full-Thickness Skin Defects in a Pig. <i>Archives of Plastic Surgery</i> , 2013, 40, 11.	0.4	23
217	Effects of conditioned media from human amniotic epithelial cells on corneal alkali injuries in rabbits. <i>Journal of Veterinary Science</i> , 2013, 14, 61.	0.5	17
218	Aspectos clínicos do enxerto conjuntival 360° e do implante da membrana amniótica criopreservada no tratamento de úlceras de córnea em cães. <i>Semina: Ciências Agrárias</i> , 2013, 34, .	0.1	0

#	ARTICLE	IF	CITATIONS
219	Amniotic Membrane Transplantation in Acute Toxic Epidermal Necrolysis: Histopathologic Changes and Ocular Surface Features after 1-Year follow-up. <i>European Journal of Ophthalmology</i> , 2014, 24, 667-675.	0.7	7
220	Amniotic Membrane Transplant for Articular Cartilage Repair: An Experimental Study in Sheep. <i>Current Stem Cell Research and Therapy</i> , 2014, 10, 77-83.	0.6	24
221	Short-Term Result of Triple Procedure in Pterygium Surgery. <i>Journal of Korean Ophthalmological Society</i> , 2014, 55, 354.	0.0	0
222	Early Bilateral Amniotic Membrane Transplantation in the Management of Severe Ocular Involvement from Acute Toxic Epidermal Necrolysis in a Chinese Pediatric Patient. <i>Journal of Clinical &amp; Experimental Ophthalmology</i> , 2014, 05, .	0.1	0
223	Comparative Transcriptomic Analysis of Cultivated Limbal Epithelium and Donor Corneal Tissue Reveals Altered Wound Healing Gene Expression. , 2014, 55, 5795.		4
224	Urethral Reconstruction with Tissue-Engineered Human Amniotic Scaffold in Rabbit Urethral Injury Models. <i>Medical Science Monitor</i> , 2014, 20, 2430-2438.	0.5	35
225	Amniotic Membrane Scaffolds Enable the Development of Tissue-Engineered Urothelium with Molecular and Ultrastructural Properties Comparable to that of Native Urothelium. <i>Tissue Engineering - Part C: Methods</i> , 2014, 20, 317-327.	1.1	50
226	Evaluation of Human Amniotic Membrane as a Wound Dressing for Split-Thickness Skin-Graft Donor Sites. <i>BioMed Research International</i> , 2014, 2014, 1-12.	0.9	53
227	Clinical effect of bovine amniotic membrane and hydrocolloid on wound by laser treatment: Prospective comparative randomized clinical trial. <i>Wound Repair and Regeneration</i> , 2014, 22, 212-219.	1.5	7
228	Human periodontal ligament cell sheets cultured on amniotic membrane substrate. <i>Oral Diseases</i> , 2014, 20, 582-590.	1.5	12
229	Mesenchymal Stem Cells from Human Amniotic Membrane. , 2014, , 191-198.		2
230	Combined Anterior Chamber Washout, Amniotic Membrane Transplantation, and Topical Use of Corticosteroids for Severe Peripheral Ulcerative Keratitis. <i>Cornea</i> , 2014, 33, 559-564.	0.9	11
231	Amniotic membrane properties and current practice of amniotic membrane use in ophthalmology in Slovenia. <i>Cell and Tissue Banking</i> , 2014, 15, 177-192.	0.5	22
232	The clinical applications of human amnion inÂplastic surgery. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014, 67, 662-675.	0.5	123
233	Cryopreserved dentin matrix as a scaffold material for dentin-pulp tissue regeneration. <i>Biomaterials</i> , 2014, 35, 4929-4939.	5.7	66
234	Hyperdry human amniotic membrane is useful material for tissue engineering: Physical, morphological properties, and safety as the new biological material. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 862-870.	2.1	19
235	Efficacy of Human Chorion Membrane Allograft for Recession Coverage- A Case Series. <i>Clinical Advances in Periodontics</i> , 2014, , 1-22.	0.4	0
236	Postoperative Changes in Amniotic Membrane as a Carrier for Allogeneic Cultured Limbal Epithelial Transplantation. <i>American Journal of Ophthalmology</i> , 2014, 158, 1192-1198.e1.	1.7	11

#	ARTICLE	IF	CITATIONS
237	Amniotic membrane transplantation in surgical management of ocular surface squamous neoplasias: long-term results. <i>Eye</i> , 2014, 28, 1131-1135.	1.1	40
238	Ocular surface rehabilitation: Application of human amniotic membrane in high-risk penetrating keratoplasties. <i>Saudi Journal of Ophthalmology</i> , 2014, 28, 198-202.	0.3	8
240	Spatial Distribution of Niche and Stem Cells in Ex Vivo Human Limbal Cultures. <i>Stem Cells Translational Medicine</i> , 2014, 3, 1331-1341.	1.6	24
241	Molecular and biochemical expression of TLRs in human amniotic membrane: a comparative study of fresh and cryopreserved specimens. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2014, 252, 267-274.	1.0	4
242	Amniotic membrane in oral and maxillofacial surgery. <i>Oral and Maxillofacial Surgery</i> , 2014, 18, 153-164.	0.6	56
243	Angiogenic properties of dehydrated human amnion/chorion allografts: therapeutic potential for soft tissue repair and regeneration. <i>Vascular Cell</i> , 2014, 6, 10.	0.2	141
244	Novel Collagen Membranes for the Reconstruction of the Corneal Surface. <i>Tissue Engineering - Part A</i> , 2014, 20, 2378-2389.	1.6	19
245	Structural and functional renovation of urinary bladders after amniotic membrane implantation in dogs. <i>International Journal of Veterinary Science and Medicine</i> , 2014, 2, 57-66.	0.8	2
246	Amnion Membrane as a Novel Barrier in the Treatment of Intraony Defects: A Controlled Clinical Trial. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015, 30, 639-647.	0.6	29
247	Deep Anterior Lamellar Keratoplasty Using Irradiated Acellular Cornea with Amniotic Membrane Transplantation for Intractable Ocular Surface Diseases. <i>Korean Journal of Ophthalmology: KJO</i> , 2015, 29, 79.	0.5	20
248	The Long Path of Human Placenta, and Its Derivatives, in Regenerative Medicine. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 162.	2.0	122
249	Positive Effects of bFGF Modified Rat Amniotic Epithelial Cells Transplantation on Transected Rat Optic Nerve. <i>PLoS ONE</i> , 2015, 10, e0119119.	1.1	13
250	Autologous Transplantation of Oral Mucosal Epithelial Cell Sheets Cultured on an Amniotic Membrane Substrate for Intraoral Mucosal Defects. <i>PLoS ONE</i> , 2015, 10, e0125391.	1.1	20
251	Amnion and Chorion Membranes: Potential Stem Cell Reservoir with Wide Applications in Periodontics. <i>International Journal of Biomaterials</i> , 2015, 2015, 1-9.	1.1	54
252	The Use of an IL-1 Receptor Antagonist Peptide to Control Inflammation in the Treatment of Corneal Limbal Epithelial Stem Cell Deficiency. <i>BioMed Research International</i> , 2015, 2015, 1-14.	0.9	14
253	Development of a Sterile Amniotic Membrane Tissue Graft Using Supercritical Carbon Dioxide. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 649-659.	1.1	50
254	Use of Placental Membranes for the Treatment of Chronic Diabetic Foot Ulcers. <i>Advances in Wound Care</i> , 2015, 4, 545-559.	2.6	43
255	Cytokines in single layer amnion allografts compared to multilayer amnion/chorion allografts for wound healing. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015, 103, 1133-1140.	1.6	99

#	ARTICLE	IF	CITATIONS
256	Epithelialâ€“Mesenchymal Interactions in Urinary Bladder and Small Intestine and How to Apply Them in Tissue Engineering. <i>Tissue Engineering - Part B: Reviews</i> , 2015, 21, 521-530.	2.5	12
257	Maximizing the safety of glycerol preserved human amniotic membrane as a biological dressing. <i>Burns</i> , 2015, 41, 1498-1503.	1.1	21
258	Investigating the Potential of Amnion-Based Scaffolds as a Barrier Membrane for Guided Bone Regeneration. <i>Langmuir</i> , 2015, 31, 8642-8653.	1.6	44
259	Novel Therapy to Treat Corneal Epithelial Defects: A Hypothesis with Growth Hormone. <i>Ocular Surface</i> , 2015, 13, 204-212.e1.	2.2	49
261	Efficacy of Human Chorion Membrane Allograft for Recession Coverage: A Case Series. <i>Journal of Periodontology</i> , 2015, 86, 941-944.	1.7	25
262	Efficacy of Human Chorion Membrane Allograft for Recession Coverage- A Case Series. <i>Journal of Periodontology</i> , 2015, , 1-22.	1.7	2
263	Effects of amniotic membrane extract on primary human corneal epithelial and limbal cells. <i>Clinical and Experimental Ophthalmology</i> , 2015, 43, 443-448.	1.3	32
264	Cryopreserved Human Amniotic Membrane Injection for Plantar Fasciitis. <i>Foot and Ankle International</i> , 2015, 36, 151-158.	1.1	70
265	Biomatrices for bladder reconstruction. <i>Advanced Drug Delivery Reviews</i> , 2015, 82-83, 47-63.	6.6	58
266	Comparison of umbilical cord serum and amniotic membrane transplantation in acute ocular chemical burns. <i>British Journal of Ophthalmology</i> , 2015, 99, 669-673.	2.1	24
267	Applications of biomaterials in corneal wound healing. <i>Journal of the Chinese Medical Association</i> , 2015, 78, 212-217.	0.6	26
268	Ocular rehabilitation following socket reconstruction with amniotic membrane transplantation with failed primary hydroxyapatite implant post enucleation. <i>Contact Lens and Anterior Eye</i> , 2015, 38, 64-69.	0.8	2
269	The destructive effects of antibiotics on the amniotic membrane ultrastructure. <i>International Ophthalmology</i> , 2015, 35, 381-385.	0.6	9
270	Clinical Presentation and Treatment Outcomes of Recurrent Corneal Erosion. <i>Journal of Korean Ophthalmological Society</i> , 2016, 57, 555.	0.0	4
271	Clinical comparison of coronally-advanced flap plus amniotic membrane or subepithelial connective tissue in the treatment of Millerâ€™s class I and II gingival recessions: A split-mouth study. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2016, 10, 162-168.	0.4	16
272	Current Development of Anti-Cancer Drug S-1. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2016, 10, XE01-XE05.	0.8	20
273	Culture of Oral Mucosal Epithelial Cells for the Purpose of Treating Limbal Stem Cell Deficiency. <i>Journal of Functional Biomaterials</i> , 2016, 7, 5.	1.8	31
274	New Amniotic Membrane Based Biocomposite for Future Application in Reconstructive Urology. <i>PLoS ONE</i> , 2016, 11, e0146012.	1.1	46

#	ARTICLE	IF	CITATIONS
275	A Cost-Effective Method to Assemble Biomimetic 3D Cell Culture Platforms. PLoS ONE, 2016, 11, e0167116.	1.1	19
276	Engineered Biopolymeric Scaffolds for Chronic Wound Healing. Frontiers in Physiology, 2016, 7, 341.	1.3	138
277	Limbal stem cell deficiency: special focus on tracking limbal stem cells. Turkish Journal of Biology, 2016, 40, 1059-1067.	2.1	0
278	Cytokine Dosage in Fresh and Preserved Human Amniotic Membrane. Cornea, 2016, 35, 89-94.	0.9	20
279	Perinatal Tissue-Derived Stem Cells. Pancreatic Islet Biology, 2016, , .	0.1	0
280	Human Amniotic Membrane as a Biological Source for Regenerative Medicine. Pancreatic Islet Biology, 2016, , 81-105.	0.1	5
282	Regenerative Medicine - from Protocol to Patient. , 2016, , .		1
283	Cytokine expression and ultrastructural alterations in fresh-frozen, freeze-dried and $\text{I}^{13}$ -irradiated human amniotic membranes. Cell and Tissue Banking, 2016, 17, 399-406.	0.5	58
284	Effect of gamma radiation on the expression of mRNA growth factors in glycerol cryopreserved human amniotic membrane. Cell and Tissue Banking, 2016, 17, 643-651.	0.5	6
285	Long-term result of autologous cultivated oral mucosal epithelial transplantation for severe ocular surface disease. Cell and Tissue Banking, 2016, 17, 491-503.	0.5	61
286	Therapeutic Use of Human Amnion-Derived Products: Cell-Based Therapy for Liver Disease. Current Pathobiology Reports, 2016, 4, 157-167.	1.6	11
287	Co-effect of silk and amniotic membrane for tendon repair. Journal of Biomaterials Science, Polymer Edition, 2016, 27, 1232-1247.	1.9	16
288	Transparent, resilient human amniotic membrane laminates for corneal transplantation. Biomaterials, 2016, 101, 76-85.	5.7	19
289	Angiogenic potential of extracellular matrix of human amniotic membrane. Tissue Engineering and Regenerative Medicine, 2016, 13, 211-217.	1.6	14
290	Comparison of Amniotic Membrane Transplantation and Umbilical Cord Serum in Acute Ocular Chemical Burns: A Randomized Controlled Trial. American Journal of Ophthalmology, 2016, 168, 157-163.	1.7	38
291	Conjunctival structural and functional reconstruction using acellular bovine pericardium graft (Normal GENA®) in rabbits. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 773-783.	1.0	9
292	Human amniotic membrane grafts in therapy of chronic non-healing wounds: TableA1. British Medical Bulletin, 2016, 117, 59-67.	2.7	44
293	Using human epithelial amnion cells in human de-epidermized dermis for skin regeneration. Journal of Dermatological Science, 2016, 81, 26-34.	1.0	21



#	ARTICLE	IF	CITATIONS
294	A Novel Approach to Penile Augmentation Urethroplasty Using Buccal Mucosa and Amniotic Membrane: A Pilot Study in a Rabbit Model. <i>Urology</i> , 2016, 87, 210-215.	0.5	11
295	Construction and characterization of human oral mucosa equivalent using hyper-dry amniotic membrane as a matrix. <i>Archives of Oral Biology</i> , 2016, 65, 26-34.	0.8	11
296	Preservation of human limbal epithelial progenitor cells on carbodiimide cross-linked amniotic membrane via integrin-linked kinase-mediated Wnt activation. <i>Acta Biomaterialia</i> , 2016, 31, 144-155.	4.1	33
297	Human Amniotic Membraneâ€“Derived Products in Sports Medicine. <i>American Journal of Sports Medicine</i> , 2016, 44, 2425-2434.	1.9	76
298	Cryopreserved amniotic membrane as transplant allograft: viability and post-transplant outcome. <i>Cell and Tissue Banking</i> , 2016, 17, 39-50.	0.5	24
299	Ocular surface reconstruction using stem cell and tissue engineering. <i>Progress in Retinal and Eye Research</i> , 2016, 51, 187-207.	7.3	65
300	Growth Factor and Interleukin Concentrations in Amniotic Membrane-Conditioned Medium. <i>Current Eye Research</i> , 2017, 42, 174-180.	0.7	22
301	Microenvironmental factors involved in human amnion mesenchymal stem cells fate decisions. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 311-320.	1.3	10
302	<sup />Human Amniotic Mesenchymal Stromal Cells as Favorable Source for Cartilage Repair. <i>Tissue Engineering - Part A</i> , 2017, 23, 901-912.	1.6	22
303	A randomized clinical trial to evaluate the usefulness of amniotic membrane transplantation in bacterial keratitis healing. <i>Ocular Surface</i> , 2017, 15, 218-226.	2.2	35
304	Amniotic membrane in ophthalmology: properties, preparation, storage and indications for graftingâ€“a review. <i>Cell and Tissue Banking</i> , 2017, 18, 193-204.	0.5	215
305	Surgical outcomes of perforated and unperforated corneal descemetocoele. <i>International Ophthalmology</i> , 2017, 38, 327-335.	0.6	5
306	Amniotic membrane transplants in the pediatric population. <i>Journal of AAPOS</i> , 2017, 21, 215-218.	0.2	19
307	Tissue Engineered Human Amniotic Membrane Application in Mouse Ovarian Follicular Culture. <i>Annals of Biomedical Engineering</i> , 2017, 45, 1664-1675.	1.3	25
308	Concise Review: Fetal Membranes in Regenerative Medicine: New Tricks from an Old Dog?. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1767-1776.	1.6	29
309	Gingiva Depigmentation Using Amniotic Membrane. , 2017, , 307-319.		0
310	Gamma-irradiated human amniotic membrane decellularised with sodium dodecyl sulfate is a more efficient substrate for the ex vivo expansion of limbal stem cells. <i>Acta Biomaterialia</i> , 2017, 61, 124-133.	4.1	28
311	Biocompatible Amniotic Sac Implant Maintains a Scar-Free Brain Surface During Recurrent Glioma Surgery. <i>World Neurosurgery</i> , 2017, 107, 308-313.	0.7	3

#	ARTICLE	IF	CITATIONS
312	Amniotic membrane promotes focal adhesion remodeling to stimulate cell migration. <i>Scientific Reports</i> , 2017, 7, 15262.	1.6	17
313	Effect of Amniotic Membrane Suspension (AMS) and Amniotic Membrane Homogenate (AMH) on Human Corneal Epithelial Cell Viability, Migration and Proliferation In Vitro. <i>Current Eye Research</i> , 2017, 42, 351-357.	0.7	15
314	Hyperdry Human Amniotic Membrane (HD-AM) is Supporting Aciclovir Included Device of Poly-N-p-Vinyl-Benzyl-D-Lactonamide (PVLA) Sphere for Treatment of HSV-1 Infected Rabbit Keratitis Model. <i>Journal of Biotechnology &amp; Biomaterials</i> , 2017, 07, .	0.3	12
315	Amniotic membrane as an option for treatment of acute Achilles tendon injury in rats. <i>Acta Cirurgica Brasileira</i> , 2017, 32, 125-139.	0.3	24
316	Paracrine effects of human amniotic epithelial cells protect against chemotherapy-induced ovarian damage. <i>Stem Cell Research and Therapy</i> , 2017, 8, 270.	2.4	78
317	Human Amniotic Membrane with Aligned Electrospun Fiber as Scaffold for Aligned Tissue Regeneration. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 368-378.	1.1	30
318	Treatment of gingival recession using a coronally advanced flap procedure with or without placental membrane. <i>Journal of Investigative and Clinical Dentistry</i> , 2018, 9, e12340.	1.8	7
319	Concise Review: Altered Versus Unaltered Amniotic Membrane as a Substrate for Limbal Epithelial Cells. <i>Stem Cells Translational Medicine</i> , 2018, 7, 415-427.	1.6	23
320	Cryopreservation of amniotic membrane with and without glycerol additive. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 1117-1126.	1.0	23
321	The Science and Clinical Applications of Placental Tissues in Spine Surgery. <i>Global Spine Journal</i> , 2018, 8, 629-637.	1.2	9
322	Bladder regeneration through stem cell therapy. <i>Expert Opinion on Biological Therapy</i> , 2018, 18, 525-544.	1.4	10
323	Cultured allogeneic fibroblast injection vs. fibroblasts cultured on amniotic membrane scaffold for dystrophic epidermolysis bullosa treatment. <i>British Journal of Dermatology</i> , 2018, 179, 72-79.	1.4	22
324	Decellularised conjunctiva for ocular surface reconstruction. <i>Acta Biomaterialia</i> , 2018, 67, 259-269.	4.1	30
325	Supportive properties of basement membrane layer of human amniotic membrane enable development of tissue engineering applications. <i>Cell and Tissue Banking</i> , 2018, 19, 357-371.	0.5	26
326	Neurotrophic keratopathy. <i>Progress in Retinal and Eye Research</i> , 2018, 66, 107-131.	7.3	250
327	Amniotic Membrane Transplantation as a Treatment for Sterile Infiltration and Corneal Melting after Corneal Crosslinking for Keratoconus. <i>Case Reports in Ophthalmology</i> , 2018, 9, 185-189.	0.3	3
328	Human Amniotic Membrane and Amniotic Membrane-Derived Cells. <i>Cell Transplantation</i> , 2018, 27, 77-92.	1.2	46
329	Biological characterization of human amniotic epithelial cells in a serum-free system and their safety evaluation. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 1305-1316.	2.8	51

#	ARTICLE	IF	CITATIONS
330	Transplantation of Amniotic Scaffold-Seeded Mesenchymal Stem Cells and/or Endothelial Progenitor Cells From Bone Marrow to Efficiently Repair 3-cm Circumferential Urethral Defect in Model Dogs. <i>Tissue Engineering - Part A</i> , 2018, 24, 47-56.	1.6	33
331	Amniotic membrane stimulates cell migration by modulating transforming growth factor- $\beta$ 2 signalling. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 808-820.	1.3	22
332	Tissue engineering for urinary tract reconstruction and repair: Progress and prospect in China. <i>Asian Journal of Urology</i> , 2018, 5, 57-68.	0.5	16
333	Treatment of acute ocular chemical burns. <i>Survey of Ophthalmology</i> , 2018, 63, 214-235.	1.7	120
334	Transplantation of human amnion prevents recurring adhesions and ameliorates fibrosis in a rat model of sciatic nerve scarring. <i>Acta Biomaterialia</i> , 2018, 66, 335-349.	4.1	38
335	Amniotic Membrane Transplantation in Reconstructive and Regenerative Ophthalmology. <i>Annals of Transplantation</i> , 2018, 23, 160-165.	0.5	37
336	The Use of Dehydrated Amniotic Membrane Allograft for the Augmentation of Dural Repair in Craniotomies. <i>Cureus</i> , 2018, 10, e2586.	0.2	10
337	Engineered Biomaterials for Chronic Wound Healing. <i>Recent Clinical Techniques, Results, and Research in Wounds</i> , 2018, , 51-74.	0.1	3
338	Comparative study of substrate free and amniotic membrane scaffolds for cultivation of limbal epithelial sheet. <i>Scientific Reports</i> , 2018, 8, 14628.	1.6	15
339	Effect of fresh human amniotic membrane on radiation-induced wounds in a murine experimental model. <i>European Journal of Plastic Surgery</i> , 2018, 41, 279-284.	0.3	0
340	Repair of myelomeningocele using autologous amnion graft and local flaps. A report of two cases. <i>JPRAS Open</i> , 2018, 17, 9-14.	0.4	4
341	Biologic Injections in the Treatment of Cartilage Defects. <i>Operative Techniques in Sports Medicine</i> , 2018, 26, 162-169.	0.2	1
342	Amniotic membrane extracted proteins protect H9c2 cardiomyoblasts against hypoxia-induced apoptosis by modulating oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 1335-1341.	1.0	11
343	The use of dehydrated amniotic membrane allograft for augmentation of dural closure in craniotomies and endoscopic endonasal transphenoidal surgeries. <i>British Journal of Neurosurgery</i> , 2018, 32, 516-520.	0.4	17
344	Stereologic and ultrastructural comparison of human and rat amniotic membrane wrapping for rat sciatic nerve repair. <i>Journal of Clinical Neuroscience</i> , 2018, 57, 157-161.	0.8	9
345	Histologic and histomorphometric evaluation of lyophilized amniotic membrane in bone healing: An experimental study in rabbit's femur. <i>Future Dental Journal</i> , 2018, 4, 205-210.	0.1	3
346	Amnion-Analogous Medical Device for Fetal Membrane Healing: A Preclinical Long-Term Study. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800673.	3.9	16
347	Processed amniotic membrane for conjunctival reconstruction in complex strabismus surgery. <i>Strabismus</i> , 2018, 26, 191-197.	0.4	6

#	ARTICLE	IF	CITATIONS
348	Dual Effects of Human Placenta-Derived Neural Cells on Neuroprotection and the Inhibition of Neuroinflammation in a Rodent Model of Parkinson's Disease. <i>Cell Transplantation</i> , 2018, 27, 814-830.	1.2	39
349	Homologous cryopreserved amniotic membrane in the repair of myelomeningocele: preliminary experience. <i>Acta Neurochirurgica</i> , 2018, 160, 1625-1631.	0.9	16
350	The Role of Placental Membrane Allografts in the Surgical Treatment of Tendinopathies. <i>Clinics in Podiatric Medicine and Surgery</i> , 2018, 35, 311-321.	0.2	10
351	The use of dehydrated amniotic membrane allograft for augmentation of dural repair in transsphenoidal endoscopic endonasal resection of pituitary adenomas. <i>Acta Neurochirurgica</i> , 2019, 161, 2117-2122.	0.9	15
352	Application of amniotic membrane for covering mastoid cavity in canal wall down mastoidectomy. <i>Laryngoscope</i> , 2019, 129, 1453-1457.	1.1	9
353	Clinical application and evaluation of hyperdried human amniotic membrane for the surgical repair of oral mucosal defects. <i>Oral Science International</i> , 2019, 16, 69-74.	0.3	0
354	Current Progress in Tendon and Ligament Tissue Engineering. <i>Tissue Engineering and Regenerative Medicine</i> , 2019, 16, 549-571.	1.6	135
355	Effect of glycerol concentrations and temperatures on epidermal growth factor protein expression in preserved canine amniotic membrane. <i>Cell and Tissue Banking</i> , 2019, 20, 579-583.	0.5	5
356	Benefits of cryopreserved human amniotic membranes in association with conventional treatments in the management of full-thickness burns. <i>International Wound Journal</i> , 2019, 16, 1354-1364.	1.3	6
357	Effects of Amniotic Membrane-Derived Fibroblast Supernatant on Corneal Epithelium. , 2019, 60, 3718.		6
358	Evaluating the Effects of Platelet-Rich Plasma and Amniotic Viscous Fluid on Inflammatory Markers in a Human Coculture Model for Osteoarthritis. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 2421-2433.	1.3	12
359	Topical application of lyophilized and powdered human amniotic membrane promotes diabetic ulcer healing. <i>Wound Medicine</i> , 2019, 27, 100171.	2.7	2
360	Human amnion-derived mesenchymal stem cell (hAD-MSC) transplantation improves ovarian function in rats with premature ovarian insufficiency (POI) at least partly through a paracrine mechanism. <i>Stem Cell Research and Therapy</i> , 2019, 10, 46.	2.4	118
361	A multicenter retrospective study on cryopreserved amniotic membrane transplantation for the treatment of complicated corneal ulcers in the dog. <i>Veterinary Ophthalmology</i> , 2019, 22, 695-702.	0.6	20
362	Can the amniotic membrane be used to treat peripheral nerve defects? A review of literature. <i>Hand Surgery and Rehabilitation</i> , 2019, 38, 223-232.	0.2	26
363	Scaffolds for vaginal tissue reconstruction. , 2019, , 317-332.		0
364	Comparison of cytokine expression and ultrastructural alterations in fresh-frozen and dried electron beam-irradiated human amniotic membrane and chorion. <i>Cell and Tissue Banking</i> , 2019, 20, 163-172.	0.5	10
365	Improved bone regeneration through amniotic membrane loaded with buccal fat pad-derived MSCs as an adjuvant in maxillo-mandibular reconstruction. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019, 47, 1266-1273.	0.7	24

#	ARTICLE	IF	CITATIONS
366	Recovering vision in corneal epithelial stem cell deficient eyes. <i>Contact Lens and Anterior Eye</i> , 2019, 42, 350-358.	0.8	13
367	Human Amniotic Membrane Positioning in the Surgical Treatment of Temporomandibular Joint Degenerative Disorder. <i>Case Reports in Surgery</i> , 2019, 2019, 1-5.	0.2	6
368	The potential risk of tumor progression after use of dehydrated human amnion/chorion membrane allograft in a positive margin resection model. <i>Therapeutic Advances in Urology</i> , 2019, 11, 175628721983777.	0.9	6
369	Rotational culture and integration with amniotic stem cells reduce porcine islet immunoreactivity in vitro and slow xenoâ€rejection in a murine model of islet transplantation. <i>Xenotransplantation</i> , 2019, 26, e12508.	1.6	14
370	Corneal Epithelial Stem Cells: Methods for Ex Vivo Expansion. <i>Essentials in Ophthalmology</i> , 2019, , 77-97.	0.0	0
371	Comparative Biological Effects of Human Amnion and Chorion Membrane Extracts on Human Adipose-Derived Stromal Cells. <i>Journal of Craniofacial Surgery</i> , 2019, 30, 947-954.	0.3	2
372	&lt;p&gt;Amniotic Membrane In Palatal Epithelial-Connective Tissue Reconstruction&lt;/p&gt;. <i>International Medical Case Reports Journal</i> , 2019, Volume 12, 349-354.	0.3	8
373	Identification and characterization of dendritic cell subtypes in preserved and cultured cadaveric human corneolimbic tissue on amniotic membrane. <i>Acta Ophthalmologica</i> , 2019, 97, e184-e193.	0.6	5
374	Nerve repair and regeneration: Biological tubulization limits and future perspectives. <i>Journal of Cellular Physiology</i> , 2019, 234, 3362-3375.	2.0	43
375	Nrf2 activation and down-regulation of HMGB1 and MyD88 expression by amnion membrane extracts in response to the hypoxia-induced injury in cardiac H9c2 cells. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 360-368.	2.5	22
376	Protective Role of Decellularized Human Amniotic Membrane from Oxidative Stress-Induced Damage on Retinal Pigment Epithelial Cells. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 357-372.	2.6	8
377	Deep frozen amniotic membrane used as a scaffold and/or carrier for different cell types. <i>Cell and Tissue Banking</i> , 2019, 20, 35-48.	0.5	4
378	Maternal and fetal intrauterine tissue crosstalk promotes proinflammatory amplification and uterine transitionâ€. <i>Biology of Reproduction</i> , 2019, 100, 783-797.	1.2	14
379	Application of amniotic membrane in reconstructive urology; the promising biomaterial worth further investigation. <i>Expert Opinion on Biological Therapy</i> , 2019, 19, 9-24.	1.4	16
380	Evaluation of Plastic-Compressed Collagen for Conjunctival Repair in a Rabbit Model. <i>Tissue Engineering - Part A</i> , 2019, 25, 1084-1095.	1.6	17
381	Case series: Extended wear of rigid gas permeable scleral contact lenses for the treatment of persistent corneal epithelial defects. <i>Contact Lens and Anterior Eye</i> , 2019, 42, 117-122.	0.8	15
382	Efficient Wound Healing Using a Synthetic Nanofibrous Bilayer Skin Substitute in Murine Model. <i>Journal of Surgical Research</i> , 2020, 245, 31-44.	0.8	20
383	How preparation and preservation procedures affect the properties of amniotic membrane? How safe are the procedures?. <i>Burns</i> , 2020, 46, 1254-1271.	1.1	45

#	ARTICLE	IF	CITATIONS
384	Use of amniotic membrane for radial forearm free flap donor site coverage: clinical, functional and cosmetic outcomes. <i>Clinical Oral Investigations</i> , 2020, 24, 2433-2443.	1.4	4
385	Eye Socket Regeneration and Reconstruction. <i>Current Eye Research</i> , 2020, 45, 253-264.	0.7	12
386	Application of human amniotic epithelial cells in regenerative medicine: a systematic review. <i>Stem Cell Research and Therapy</i> , 2020, 11, 439.	2.4	53
387	Case Series Describing the Use of Low-Temperature Vacuum-Dehydrated Amnion (Omnigen) for the Treatment of Corneal Ulcers in Cats and Dogs: 46 Cases (2016-2017). <i>Topics in Companion Animal Medicine</i> , 2020, 41, 100474.	0.4	6
388	The use of irradiated amnion dressing for the treatment of antibioticâ€disinfected skin ulcer. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1272-1280.	1.3	1
390	Perinatal tissues and cells in tissue engineering and regenerative medicine. <i>Acta Biomaterialia</i> , 2020, 110, 1-14.	4.1	39
391	Repeated Freezing Procedures Preserve Structural and Functional Properties of Amniotic Membrane for Application in Ophthalmology. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4029.	1.8	18
392	Mapping of proteomic profile and effect of the spongy layer in the human amniotic membrane. <i>Cell and Tissue Banking</i> , 2020, 21, 329-338.	0.5	4
393	<p>Self-Retained Cryopreserved Amniotic Membrane for the Management of Corneal Ulcers</p>. <i>Clinical Ophthalmology</i> , 2020, Volume 14, 1437-1443.	0.9	13
394	Regenerative Rehabilitative Medicine for Joints and Muscles. <i>Current Physical Medicine and Rehabilitation Reports</i> , 2020, 8, 8-16.	0.3	1
395	Human Amniotic Membrane: A New Option for Graft Donor Sites â€ Systematic Review and Metaâ€analysis. <i>International Wound Journal</i> , 2020, 17, 547-554.	1.3	7
396	Assessment of fresh and preserved amniotic membrane for guided bone regeneration in mice. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 2044-2056.	2.1	26
397	Cytotoxicity test for the use of freeze-dried amniotic membranes against viability, proliferation, and apoptosis on brain cell culture: An in vitro study. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2021, 23, 100947.	0.2	0
398	Current concepts for tissue transplant services for developing countries. <i>Cell and Tissue Banking</i> , 2021, 22, 323-337.	0.5	2
399	Future Trends in Alveolar Cleft Osteoplasty. , 2021, , 525-533.		2
400	The Antibacterial Activity of Human Amniotic Membrane against Multidrug-Resistant Bacteria Associated with Urinary Tract Infections: New Insights from Normal and Cancerous Urothelial Models. <i>Biomedicines</i> , 2021, 9, 218.	1.4	18
401	Dose-dependent pro- or anti-scar-preventing responses of freeze-dried amniotic membrane extract in relation to suppression of connective tissue growth factor and Î±-smooth muscle actin. <i>Journal of Pharmaceutical Investigation</i> , 2021, 51, 327-336.	2.7	0
402	Amnionâ€Chorion Membrane in Openâ€Wound Approach for Localized Horizontal Ridge Augmentation: A Case Series Report. <i>Clinical Advances in Periodontics</i> , 2022, 12, 101-105.	0.4	4

#	ARTICLE	IF	CITATIONS
403	Biocompatibility improvement of artificial cornea using chitosan-dextran nanoparticles containing bioactive macromolecules obtained from human amniotic membrane. <i>International Journal of Biological Macromolecules</i> , 2021, 169, 492-499.	3.6	8
404	Case Report: Wound Closure Acceleration in a Patient With Toxic Epidermal Necrolysis Using a Lyophilised Amniotic Membrane. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 649317.	2.0	7
405	Human amniotic membrane: an improvement in the treatment of Medication-related osteonecrosis of the jaw (MRONJ)? A caseâ€“control study. <i>Cell and Tissue Banking</i> , 2021, , 1.	0.5	10
406	The Influence of the Preservation Method and Gamma Irradiation Sterilization on TGF- $\beta$ 2 and bFGF Levels in Freeze-Dried Amnion Membrane (FD-AM) and Amnion Sponge. <i>International Journal of Biomaterials</i> , 2021, 2021, 1-9.	1.1	6
407	Clinical efficacy of amniotic membrane with biphasic calcium phosphate in guided tissue regeneration of intrabony defects- a randomized controlled clinical trial. <i>Biomaterials Research</i> , 2021, 25, 15.	3.2	17
408	Applications of Human Amniotic Membrane for Tissue Engineering. <i>Membranes</i> , 2021, 11, 387.	1.4	46
409	Comparison of amniotic membrane versus the induced membrane for bone regeneration in long bone segmental defects using calcium phosphate cement loaded with BMP-2. <i>Materials Science and Engineering C</i> , 2021, 124, 112032.	3.8	20
410	Antimicrobial Activity of Human Fetal Membranes: From Biological Function to Clinical Use. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 691522.	2.0	14
411	The potential role of multifunctional human amniotic epithelial cells in pancreatic islet transplantation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 599-611.	1.3	2
412	Use of Amniotic Membrane and Its Derived Products for Bone Regeneration: A Systematic Review. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 661332.	2.0	15
413	Case Report: Freeze-Dried Human Amniotic Membrane Allograft for the Treatment of Chronic Wounds: Results of a Multicentre Observational Study. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 649446.	2.0	9
414	Dehydrated human amniotic membrane modulates canonical Wnt signaling in multiple cell types in vitro. <i>European Journal of Cell Biology</i> , 2021, 100, 151168.	1.6	4
415	Freeze-Dried Versus Cryopreserved Amniotic Membranes in Corneal Ulcers Treated by Overlay Transplantation. <i>Cornea</i> , 2021, Publish Ahead of Print, .	0.9	6
416	Detrimental Effect of Various Preparations of the Human Amniotic Membrane Homogenate on the 2D and 3D Bladder Cancer In vitro Models. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 690358.	2.0	6
417	Bio-Fabrication of Human Amniotic Membrane Zinc Oxide Nanoparticles and the Wet/Dry HAM Dressing Membrane for Wound Healing. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 695710.	2.0	11
418	Chronic Wound Healing by Amniotic Membrane: TGF- $\beta$ 2 and EGF Signaling Modulation in Re-epithelialization. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 689328.	2.0	21
419	A Combination of Coconut Fiber Suture and Tamarind Seed Gel with Dehydrated Human Amnion Membrane for Wound Surgery in Rats. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-12.	1.0	1
420	Scaffolds in Periodontal Regenerative Treatment. <i>Dental Clinics of North America</i> , 2022, 66, 111-130.	0.8	13

#	ARTICLE	IF	CITATIONS
421	Tailoring electrospun mesh for a compliant remodeling in the repair of full-thickness abdominal wall defect - The role of decellularized human amniotic membrane and silk fibroin. <i>Materials Science and Engineering C</i> , 2021, 127, 112235.	3.8	16
422	Congenital aniridia – A comprehensive review of clinical features and therapeutic approaches. <i>Survey of Ophthalmology</i> , 2021, 66, 1031-1050.	1.7	46
423	Long-term culture of rat hepatocytes using human amniotic membrane as a culture substrate. <i>Regenerative Therapy</i> , 2021, 18, 384-390.	1.4	2
424	Chorion and amnion/chorion membranes in oral and periodontal surgery: A systematic review. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 1216-1229.	1.6	17
425	Primary Culture of Cornea-Limbal Epithelial Cells In Vitro. <i>Methods in Molecular Biology</i> , 2020, 2145, 29-37.	0.4	2
426	Evaluation and Management of the Anophthalmic Socket and Socket Reconstruction. , 2012, , 1131-1173.		9
427	Human Amniotic Epithelial Cells Transplantation for Contusive Spinal Cord Injury Repair. , 2014, , 243-252.		1
428	Biomaterials-Enabled Regenerative Medicine in Corneal Applications. , 2016, , 97-122.		1
429	Biomaterials-Enabled Regenerative Medicine in Corneal Applications. , 2013, , 557-580.		2
430	Structural and Biological Comparison of Cryopreserved and Fresh Amniotic Membrane Tissues. <i>Journal of Biomaterials and Tissue Engineering</i> , 2014, 4, 379-388.	0.0	24
431	Augmented Dried versus Cryopreserved Amniotic Membrane as an Ocular Surface Dressing. <i>PLoS ONE</i> , 2013, 8, e78441.	1.1	71
432	Amniotic Membrane Grafts for the Prevention of Esophageal Stricture after Circumferential Endoscopic Submucosal Dissection. <i>PLoS ONE</i> , 2014, 9, e100236.	1.1	29
433	Sutureless Fixation of Amniotic Membrane for Therapy of Ocular Surface Disorders. <i>PLoS ONE</i> , 2015, 10, e0125035.	1.1	27
434	Amniotic Membrane Modifies the Genetic Program Induced by TGF $\beta$ , Stimulating Keratinocyte Proliferation and Migration in Chronic Wounds. <i>PLoS ONE</i> , 2015, 10, e0135324.	1.1	32
435	Differential effects of amnion and chorion membrane extracts on osteoblast-like cells due to the different growth factor composition of the extracts. <i>PLoS ONE</i> , 2017, 12, e0182716.	1.1	27
436	Comparative Clinical Study of Coronally Positioned Flap with and Without Dehydrated Amnion Allograft in the Treatment of Gingival Recession. <i>Journal of Dental Health, Oral Disorders &amp; Therapy</i> , 2017, 8, .	0.0	4
437	Bone density of defects treated with lyophilized amniotic membrane versus collagen membrane: a tomographic and histomorphogenic study in rabbit's femur. <i>Journal of Oral Research</i> , 2014, 3, 143-149.	0.0	5
438	<p>&gt;Characterization and Immunomodulation of Canine Amniotic Membrane Stem Cells</p>&lt;p>&gt;Stem Cells and Cloning: Advances and Applications, 2020, Volume 13, 43-55.	2.3	9



#	ARTICLE	IF	CITATIONS
439	The Roles of Different Stem Cells in Premature Ovarian Failure. <i>Current Stem Cell Research and Therapy</i> , 2020, 15, 473-481.	0.6	23
440	Properties of the amniotic membrane for potential use in tissue engineering. , 2008, 7, 88-99.		604
441	Current understanding on venous leg ulcer. <i>Indian Journal of Pharmaceutical and Biological Research</i> , 2014, 2, 30-36.	0.1	2
442	Novel neurotrophic factor secreted by amniotic epithelial cells. <i>Biocell</i> , 2009, 33, 81-89.	0.4	17
443	Tissue-Cultured Human Cord Lining Epithelial Cells in Treatment of Persistent Corneal Epithelial Defect. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2019, 7, 4266-4271.	0.1	3
444	Properties and Therapeutic Potential of Human Amniotic Membrane. <i>Asian Journal of Dermatology</i> , 2014, 7, 1-12.	0.0	10
445	Effectiveness of Cultured Human Keratinocyte Onlays on Epithelial Healing and Clinical Outcome After Photorefractive Keratectomy. <i>Journal of Refractive Surgery</i> , 2008, 24, 826-832.	1.1	5
446	The Effect of Human Amniotic Membrane, Epidermal Cells and Marrow Mesenchymal Stem Cells in Healing a Skin Defect. <i>The Journal of the Korean Orthopaedic Association</i> , 2008, 43, 276.	0.0	5
447	Amniotic membrane - A Novel material for the root coverage: A case series. <i>Journal of Indian Society of Periodontology</i> , 2015, 19, 444.	0.3	29
448	A roentgenographic assessment of regenerative efficacy of bioactive Gengigel <sup>®</sup> in conjunction with amnion membrane in grade II furcation defect. <i>Contemporary Clinical Dentistry</i> , 2015, 6, 277.	0.2	7
449	Amniotic Membrane Extract Preparation: What is the Best Method?. <i>Journal of Ophthalmic and Vision Research</i> , 2014, 9, 314-9.	0.7	16
450	Regenerative potential of autologous platelet-rich fibrin with and without amnion membrane in the treatment of Grade-II furcation defects: A clinicoradiographic study. <i>Journal of Indian Society of Periodontology</i> , 2018, 22, 235.	0.3	17
451	Human amnion membrane: Potential applications in oral and periodontal field. <i>Journal of International Society of Preventive and Community Dentistry</i> , 2017, 7, 15.	0.4	61
452	Basic science review of birth tissue uses in ophthalmology. <i>Taiwan Journal of Ophthalmology</i> , 2020, 10, 3.	0.3	22
453	Amniotic membrane transplantation for managing dry eye and neurotrophic keratitis. <i>Taiwan Journal of Ophthalmology</i> , 2020, 10, 13.	0.3	28
454	Amniotic Membrane Transplantation in Surgical Treatment of Conjunctival Melanoma: Long-term Results. <i>Türk Oftalmoloji Dergisi</i> , 2018, 48, 15-18.	0.4	11
455	Ocular Surface Reconstitution. , 0, , .		1
456	Antifibrotic Effects of Decellularized and Lyophilized Human Amniotic Membrane Transplant on the Formation of Intrauterine Adhesion. <i>Experimental and Clinical Transplantation</i> , 2019, 17, 236-242.	0.2	20

#	ARTICLE	IF	CITATIONS
457	Various administration forms of decellularized amniotic membrane extract towards improving corneal repair. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9347-9357.	2.9	7
458	AmnioClip-Plus as Sutureless Alternative to Amniotic Membrane Transplantation to Improve Healing of Ocular Surface Disorders. <i>Transplantology</i> , 2021, 2, 425-432.	0.3	3
459	Path to "One and Done"™. <i>Journal of Wound Care</i> , 2021, 30, 794-802.	0.5	1
460	Preserved Human Amniotic Membrane Transplantation in the Treatment of Primary Pterygium. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2001, 32, 464-469.	0.4	21
461	Induction of Ocular Surface Regeneration. , 2006, , 281-296.		0
464	Time-Dependent Stability of Growth Factors and Endostatin in Human Amniotic Membrane Eye Drops. <i>Journal of Clinical &amp; Experimental Ophthalmology</i> , 2012, 03, .	0.1	1
465	Adult Human Corneal Epithelial Stem Cells. <i>Pancreatic Islet Biology</i> , 2014, , 163-197.	0.1	1
467	The Instructive Role of Biomaterials in Cell-Based Therapy and Tissue Engineering. <i>RSC Soft Matter</i> , 2014, , 73-94.	0.2	0
469	Properties and clinical application of human amniotic epithelial cells (HAEC). <i>Current Gynecologic Oncology</i> , 2015, 13, 123-135.	0.1	1
470	EVALUATION OF THE OSTEOINDUCTIVE POTENTIAL OF FREEZE-DRIED HUMAN AMNIOTIC MEMBRANE (EXPERIMENTAL STUDY). <i>Alexandria Dental Journal: ADJ</i> , 2018, 43, 80-86.	0.1	0
471	Various therapies for ocular surface diseases. <i>Romanian Journal of Ophthalmology</i> , 2018, 62, 83-87.	0.4	1
472	Effect of the wrapping of experimentally induced ischemic colonic anastomoses with the amniotic membrane on anastomosis safety in rats.. <i>Cumhuriyet Medical Journal</i> , 0, , .	0.1	0
473	A comparative study of preoperative and postoperative changes in corneal astigmatism after pterygium excision by different techniques. <i>Indian Journal of Ophthalmology</i> , 2019, 67, 1036.	0.5	10
474	Secondary Orbital Implant Techniques. , 2020, , 173-191.		1
475	Evaluation and Management of the Anophthalmic Socket and Socket Reconstruction. , 2021, , 1055-1099.		0
476	Biomolecular evaluation of cryopreserved amniotic membranes for ophthalmological use by ELISA and RT-PCR at one and eighteen months. <i>Journal Francais D'Ophthalmologie</i> , 2021, 44, 1529-1535.	0.2	0
477	Proteomic Analysis and Cell Viability of Nine Amnion, Chorion, Umbilical Cord, and Amniotic Fluidâ€Derived Products. <i>Cartilage</i> , 2021, 13, 495S-507S.	1.4	10
478	Venous Foot and Leg Ulcers. , 2021, , 173-198.		0

#	ARTICLE	IF	CITATIONS
479	Treating Public Health Dilemma of Gingival Recession by the Dehydrated Amnion Allograft: A 5-Year Longitudinal Study. <i>Frontiers in Oral Health</i> , 2020, 1, 540211.	1.2	3
481	Human umbilical cord mesenchymal stem cells express cholinergic neuron markers during co-culture with amniotic membrane cells and retinoic acid induction. <i>Medical Journal of the Islamic Republic of Iran</i> , 2021, 35, 129.	0.9	3
482	Application of biomaterials and tissue engineering in bladder regeneration. <i>Journal of Biomaterials Applications</i> , 2022, 36, 1484-1502.	1.2	4
483	Epidermal Basement Membrane Substitutes for Bioengineering of Human Epidermal Equivalents. <i>JID Innovations</i> , 2022, 2, 100083.	1.2	4
484	Amniotic Membrane: A Unique Combination of Stem-Like Cells, Extracellular Matrix with Indispensable Potential for Regenerative Medicine. <i>Pancreatic Islet Biology</i> , 2022, , 289-323.	0.1	1
485	Cryopreservation in a Standard Freezer: $\sim 28^{\circ}\text{C}$ as Alternative Storage Temperature for Amniotic Membrane Transplantation. <i>Journal of Clinical Medicine</i> , 2022, 11, 1109.	1.0	4
486	A Case of Recurrent Fungal Keratitis Post-Amniotic Membrane Transplantation for Corneal Perforation. <i>Case Reports in Ophthalmology</i> , 2022, 13, 147-153.	0.3	2
487	Therapeutic Effects of Amnion-Conjugated Chitosan-Alginate Membranes on Diabetic Wounds in an Induced Diabetic Swine Model: An In Vitro and In Vivo Study. <i>Archives of Plastic Surgery</i> , 2022, 49, 258-265.	0.4	0
488	A comprehensive review on methods for promotion of mechanical features and biodegradation rate in amniotic membrane scaffolds. <i>Journal of Materials Science: Materials in Medicine</i> , 2022, 33, 32.	1.7	9
489	Human Placenta-derived Amniotic epithelial cells as a new therapeutic hope for COVID-19-associated acute respiratory distress syndrome (ARDS) and systemic inflammation. <i>Stem Cell Research and Therapy</i> , 2022, 13, 126.	2.4	15
490	Treatment of Epithelial Basement Membrane Dystrophy to Optimize the Ocular Surface Prior to Cataract Surgery. <i>Clinical Ophthalmology</i> , 2022, Volume 16, 785-795.	0.9	3
491	A potential preventive method for scar stenosis after esophageal endoscopic mucosal resection using human amniotic epithelial cells in a porcine model. <i>DEN Open</i> , 2022, 2, .	0.5	0
492	The use of biological membranes for correction of congenital malformations. <i>Cell and Tissue Banking</i> , 2022, , 1.	0.5	0
493	The Effects of Amniotic Membrane Transplantation on Vocal Fold Regeneration. <i>Laryngoscope</i> , 2021, , .	1.1	1
494	Ocular Surface Transplantation and Amniotic Membrane Surgery. , 2022, , 431-451.		0
495	Expression of Antimicrobial Peptide Genes in the Canine Amniotic Membrane. <i>Veterinary Sciences</i> , 2022, 9, 200.	0.6	4
496	Placental Tissues as Biomaterials in Regenerative Medicine. <i>BioMed Research International</i> , 2022, 2022, 1-26.	0.9	19
497	Decellularization of human amniotic membrane using detergent-free methods: Possibilities in tissue engineering. <i>Tissue and Cell</i> , 2022, 76, 101818.	1.0	5

#	ARTICLE	IF	CITATIONS
498	Biological Compositions of Canine Amniotic Membrane and Its Extracts and the Investigation of Corneal Wound Healing Efficacy In Vitro. <i>Veterinary Sciences</i> , 2022, 9, 227.	0.6	0
499	Role of Placental Extracts in Periodontal Regeneration: A Literature Review. <i>Cureus</i> , 2022, , .	0.2	3
500	Investigating the Effects of Dehydrated Human Amnion-Chorion Membrane on Periodontal Healing. <i>Biomolecules</i> , 2022, 12, 857.	1.8	4
501	The human amniotic epithelium confers a bias to differentiate toward the neuroectoderm lineage in human embryonic stem cells. <i>ELife</i> , 0, 11, .	2.8	1
502	Sutureless contact lens-type amniotic membrane for persistent epithelial defects after infectious keratitis. <i>International Journal of Ophthalmology</i> , 2022, 15, 1404-1406.	0.5	0
503	Clinical Results of the Use of Amniotic Membrane Transplantation Alone or in Combination with Adjuvant Therapies in Conjunctival Fornix Reconstruction. <i>Türk Oftalmoloji Dergisi</i> , 2022, 52, 237-245.	0.4	3
504	Amniotic Membrane Scaffolds Support Organized Muscle Regeneration in A Murine Volumetric Muscle Defect Model. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2022, 10, e4499.	0.3	1
505	Lyophilised amniotic membrane in intraoral surgical defects: A prospective clinical study. <i>Annals of Maxillofacial Surgery</i> , 2022, 12, 5.	0.2	1
506	Human amniotic epithelial cell-derived extracellular vesicles provide an extracellular matrix-based microenvironment for corneal injury repair. <i>Journal of Tissue Engineering</i> , 2022, 13, 204173142211221.	2.3	10
507	Characterisation of Bovine Amniotic Membrane with Hydroxyapatite Bio-Composite. <i>Coatings</i> , 2022, 12, 1403.	1.2	1
508	The Effect of Amniotic Tissue on Spinal Interventions: A Systematic Review. <i>International Journal of Spine Surgery</i> , 2023, 17, 32-42.	0.7	0
510	Application of amniotic membranes in reconstructive surgery of internal organs—A systematic review and meta-analysis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 1069-1090.	1.3	6
511	Perinatal Stem Cell Therapy to Treat Type 1 Diabetes Mellitus: A Never-Say-Die Story of Differentiation and Immunomodulation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14597.	1.8	3
512	Distribution of an analgesic palmitoylethanolamide and other N-acylethanolamines in human placental membranes. <i>PLoS ONE</i> , 2023, 18, e0279863.	1.1	6
513	Management of grade II and III furcation defects with intramarrow penetration along with indigenously prepared DFDBA and amniotic membrane: a clinical and radiographic study. <i>Cell and Tissue Banking</i> , 2024, 25, 295-303.	0.5	0
514	Amniotic Membrane Transplantation For Persistent Macular Hole Closure. <i>Beyoglu Eye Journal</i> , 2023, , .	0.1	0
515	A Novel Technique of Amniotic Membrane Preparation Mimicking Limbal Epithelial Crypts Enhances the Number of Progenitor Cells upon Expansion. <i>Cells</i> , 2023, 12, 738.	1.8	1
516	Amniotic membrane application in surgical treatment of conjunctival tumors. <i>Scientific Reports</i> , 2023, 13, .	1.6	2

#	ARTICLE	IF	CITATIONS
517	Amniotic Membrane Biopolymer for Regenerative Medicine. <i>Polymers</i> , 2023, 15, 1213.	2.0	0
518	Regenerative Medicine and Amniotic Membrane Application for Vocal Fold Scars and Sulcus. <i>Koutou (the LARYNX JAPAN)</i> , 2022, 34, 144-150.	0.1	0
519	Cryopreserved amniotic membrane in the treatment of limb skin defects of aplasia cutis congenita: a case study. <i>Journal of Wound Care</i> , 2023, 32, S17-S21.	0.5	1
520	In vitro and ex vivo characterization of nanonized amniotic membrane particles: An untapped modality for ocular surface reconstruction. <i>Experimental Eye Research</i> , 2023, 231, 109471.	1.2	1
527	Comparison of the effects of preservation methods on structural, biological, and mechanical properties of the human amniotic membrane for medical applications. <i>Cell and Tissue Banking</i> , 2024, 25, 305-323.	0.5	0
530	Amniotic membrane transplantation: structural and biological properties, tissue preparation, application and clinical indications. <i>Eye</i> , 2024, 38, 668-679.	1.1	0
531	Amnion-Based Biomaterials for Musculoskeletal Regenerative Engineering. <i>Regenerative Engineering and Translational Medicine</i> , 0, , .	1.6	0
533	Application of the Human Amniotic Membrane as an Adjuvant Therapy for the Treatment of Hepatocellular Carcinoma. <i>Advances in Experimental Medicine and Biology</i> , 2023, , .	0.8	0
534	An important detail that is still not clear in amniotic membrane applications: How do we store the amniotic membrane best?. <i>Cell and Tissue Banking</i> , 2024, 25, 339-347.	0.5	0