

# Ardeshir Bayat

## List of Publications by Year in Descending Order

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

230  
papers

8,585  
citations

50  
h-index

80  
g-index

245  
ext. papers

10,059  
ext. citations

3.4  
avg, IF

6.48  
L-index

#	Paper	IF	Citations
230	Energy-based devices for the treatment of acne scars: 2021 international consensus recommendations. <i>Lasers in Surgery and Medicine</i> , <b>2021</b> ,	3.6	5
229	Pre-Emptive Priming of Human Skin Improves Cutaneous Scarring and Is Superior to Immediate and Delayed Topical Anti-Scarring Treatment Post-Wounding: A Double-Blind Randomised Placebo-Controlled Clinical Trial. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	2
228	Classification of Distinct Endotypes in Human Skin Scarring: S.C.A.R.-A Novel Perspective on Dermal Fibrosis. <i>Advances in Wound Care</i> , <b>2021</b> ,	4.8	3
227	The surface topography of silicone breast implants mediates the foreign body response in mice, rabbits and humans. <i>Nature Biomedical Engineering</i> , <b>2021</b> , 5, 1115-1130	19	32
226	Assessment of Transdermal Delivery of Topical Compounds in Skin Scarring Using a Novel Combined Approach of Raman Spectroscopy and High-Performance Liquid Chromatography. <i>Advances in Wound Care</i> , <b>2021</b> , 10, 1-12	4.8	0
225	Validation strategies for identifying drug targets in dermal fibrotic disorders. <i>Drug Discovery Today</i> , <b>2021</b> , 26, 2474-2485	8.8	
224	Novel Rotational Combination Regimen of Skin Topicals Improves Facial Photoaging: Efficacy Demonstrated in Double-Blinded Clinical Trials and Laboratory Validation. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 724344	4.9	
223	Fibrosis and diabetes: Chronic hyperglycemia triggers organ-specific fibrotic mechanisms <b>2020</b> , 121-147		
222	A microbiome and metabolomic signature of phases of cutaneous healing identified by profiling sequential acute wounds of human skin: An exploratory study. <i>PLoS ONE</i> , <b>2020</b> , 15, e0229545	3.7	6
221	Keloid scarring or disease: Unresolved quasi-neoplastic tendencies in the human skin. <i>Wound Repair and Regeneration</i> , <b>2020</b> , 28, 422-426	3.6	9
220	Genetics of Keloid Scarring <b>2020</b> , 61-76		2
219	Laser Treatment of Traumatic Scars and Contractures: 2020 International Consensus Recommendations. <i>Lasers in Surgery and Medicine</i> , <b>2020</b> , 52, 96-116	3.6	43
218	16877 Topical rotational treatment induces dermal collagen changes evidenced by immunohistochemistry and confocal Raman spectroscopy. <i>Journal of the American Academy of Dermatology</i> , <b>2020</b> , 83, AB188	4.5	
217	Mast Cells in Skin Scarring: A Review of Animal and Human Research. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 552205	8.4	14
216	A Review of the Evidence for and against a Role for Mast Cells in Cutaneous Scarring and Fibrosis. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	9
215	Understanding Keloid Pathobiology From a Quasi-Neoplastic Perspective: Less of a Scar and More of a Chronic Inflammatory Disease With Cancer-Like Tendencies. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1810	8.4	40
214	Functional Testing of a Skin Topical Formulation : Objective and Quantitative Evaluation in Human Skin Scarring Using a Double-Blind Volunteer Study with Sequential Punch Biopsies. <i>Advances in Wound Care</i> , <b>2019</b> , 8, 208-219	4.8	2

213	Objective assessment of dermal fibrosis in cutaneous scarring, using optical coherence tomography, high-frequency ultrasound and immunohistomorphometry of human skin. <i>British Journal of Dermatology</i> , <b>2019</b> , 181, 722-732	4	13
212	Microarchitectural analysis of decellularised unscarred and scarred dermis provides insight into the organisation and ultrastructure of the human skin with implications for future dermal substitute scaffold design. <i>Journal of Tissue Engineering</i> , <b>2019</b> , 10, 2041731419843710	7.5	9
211	A Double-Blind, Randomized Trial Shows the Role of Zonal Priming and Direct Topical Application of Epigallocatechin-3-Gallate in the Modulation of Cutaneous Scarring in Human Skin. <i>Journal of Investigative Dermatology</i> , <b>2019</b> , 139, 1680-1690.e16	4.3	15
210	Development of Bioinspired Gelatin and Gelatin/Chitosan Bilayer Hydrofilms for Wound Healing. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	21
209	Multi-dimensional models for functional testing of keloid scars: In silico, in vitro, organoid, organotypic, ex vivo organ culture, and in vivo models. <i>Wound Repair and Regeneration</i> , <b>2019</b> , 27, 298-308	3.6	8
208	and Models for Functional Testing of Therapeutic Anti-scarring Drug Targets in Keloids. <i>Advances in Wound Care</i> , <b>2019</b> , 8, 655-670	4.8	6
207	Electrical stimulation disrupts biofilms in a human wound model and reveals the potential for monitoring treatment response with volatile biomarkers. <i>Wound Repair and Regeneration</i> , <b>2019</b> , 27, 5-18	3.6	12
206	Photobiomodulation of a flowable matrix in a human skin ex vivo model demonstrates energy-based enhancement of engraftment integration and remodeling. <i>Journal of Biophotonics</i> , <b>2018</b> , 11, e201800077	3.1	0
205	Novel Proteomic Assay of Breast Implants Reveals Proteins With Significant Binding Differences: Implications for Surface Coating and Biocompatibility. <i>Aesthetic Surgery Journal</i> , <b>2018</b> , 38, 962-969	2.4	9
204	Validation of biofilm formation on human skin wound models and demonstration of clinically translatable bacteria-specific volatile signatures. <i>Scientific Reports</i> , <b>2018</b> , 8, 9431	4.9	29
203	Wound healing and cutaneous scarring models of the human skin <b>2018</b> , 201-221		2
202	Effects of electrical stimulation on cutaneous wound healing: Evidence from in vitro studies and clinical trials <b>2018</b> , 373-386		
201	Effect of electrical stimulation on bone healing <b>2018</b> , 387-402		
200	Non-animal models of wound healing in cutaneous repair: In silico, in vitro, ex vivo, and in vivo models of wounds and scars in human skin. <i>Wound Repair and Regeneration</i> , <b>2017</b> , 25, 164-176	3.6	49
199	Cutaneous wound biofilm and the potential for electrical stimulation in management of the microbiome. <i>Future Microbiology</i> , <b>2017</b> , 12, 337-357	2.9	6
198	Therapeutic targets in the management of striae distensae: A systematic review. <i>Journal of the American Academy of Dermatology</i> , <b>2017</b> , 77, 559-568.e18	4.5	37
197	Development, fabrication and evaluation of a novel biomimetic human breast tissue derived breast implant surface. <i>Acta Biomaterialia</i> , <b>2017</b> , 49, 260-271	10.8	16
196	A Role for Neuregulin-1 in Promoting Keloid Fibroblast Migration via ErbB2-mediated Signaling. <i>Acta Dermato-Venereologica</i> , <b>2017</b> , 97, 675-684	2.2	9

195	Site-specific gene expression profiling as a novel strategy for unravelling keloid disease pathobiology. <i>PLoS ONE</i> , <b>2017</b> , 12, e0172955	3.7	26
194	Volatile organic compound detection as a potential means of diagnosing cutaneous wound infections. <i>Wound Repair and Regeneration</i> , <b>2017</b> , 25, 574-590	3.6	14
193	Advances in bioprinted cell-laden hydrogels for skin tissue engineering <b>2017</b> , 2, 1		50
192	Functional biocompatibility testing of silicone breast implants and a novel classification system based on surface roughness. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2017</b> , 75, 75-81	4.1	50
191	Enhanced Neurogenic Biomarker Expression and Reinnervation in Human Acute Skin Wounds Treated by Electrical Stimulation. <i>Journal of Investigative Dermatology</i> , <b>2017</b> , 137, 737-747	4.3	15
190	The efficacy of electrical stimulation in lower extremity cutaneous wound healing: A systematic review. <i>Experimental Dermatology</i> , <b>2017</b> , 26, 171-178	4	33
189	Transforming Growth Factor Beta Gene Signatures are Spatially Enriched in Keloid Tissue Biopsies and Ex vivo-Cultured Keloid Fibroblasts. <i>Acta Dermato-Venereologica</i> , <b>2017</b> , 97, 10-16	2.2	7
188	IL-33-Dependent Group 2 Innate Lymphoid Cells Promote Cutaneous Wound Healing. <i>Journal of Investigative Dermatology</i> , <b>2016</b> , 136, 487-496	4.3	139
187	Topical management of striae distensae (stretch marks): prevention and therapy of striae rubrae and albae. <i>Journal of the European Academy of Dermatology and Venereology</i> , <b>2016</b> , 30, 211-22	4.6	55
186	Epidermal Notch1 recruits ROR(+) group 3 innate lymphoid cells to orchestrate normal skin repair. <i>Nature Communications</i> , <b>2016</b> , 7, 11394	17.4	60
185	The efficacy of electrical stimulation in experimentally induced cutaneous wounds in animals. <i>Veterinary Dermatology</i> , <b>2016</b> , 27, 235-e57	1.8	25
184	In vitro and ex vivo analysis of hyaluronan supplementation of Integra dermal template on human dermal fibroblasts and keratinocytes. <i>Journal of Applied Biomaterials and Functional Materials</i> , <b>2016</b> , 14, e9-18	1.8	12
183	The Role of Neuromediators and Innervation in Cutaneous Wound Healing. <i>Acta Dermato-Venereologica</i> , <b>2016</b> , 96, 587-94	2.2	46
182	Fabrication and modelling of fractal, biomimetic, micro and nano-topographical surfaces. <i>Bioinspiration and Biomimetics</i> , <b>2016</b> , 11, 046009	2.6	
181	The Aldo-Keto Reductase AKR1B10 Is Up-Regulated in Keloid Epidermis, Implicating Retinoic Acid Pathway Dysregulation in the Pathogenesis of Keloid Disease. <i>Journal of Investigative Dermatology</i> , <b>2016</b> , 136, 1500-1512	4.3	13
180	Functional testing of topical skin formulations using an optimised ex vivo skin organ culture model. <i>Archives of Dermatological Research</i> , <b>2016</b> , 308, 297-308	3.3	23
179	Identification of a Potential Molecular Diagnostic Biomarker in Keloid Disease: Syndecan-1 (CD138) Is Overexpressed in Keloid Scar Tissue. <i>Journal of Investigative Dermatology</i> , <b>2016</b> , 136, 2319-2323	4.3	9
178	Whole genome microarray data of chronic wound debridement prior to application of dermal skin substitutes. <i>Wound Repair and Regeneration</i> , <b>2016</b> , 24, 870-875	3.6	9

177	Non-invasive objective devices for monitoring the inflammatory, proliferative and remodelling phases of cutaneous wound healing and skin scarring. <i>Experimental Dermatology</i> , <b>2016</b> , 25, 579-85	4	27
176	Development and functional evaluation of biomimetic silicone surfaces with hierarchical micro/nano-topographical features demonstrates favourable in vitro foreign body response of breast-derived fibroblasts. <i>Biomaterials</i> , <b>2015</b> , 52, 88-102	15.6	60
175	Electrical stimulation enhances epidermal proliferation in human cutaneous wounds by modulating p53-SIVA1 interaction. <i>Journal of Investigative Dermatology</i> , <b>2015</b> , 135, 1166-1174	4.3	39
174	Ex vivo evaluation of acellular and cellular collagen-glycosaminoglycan flowable matrices. <i>Biomedical Materials (Bristol)</i> , <b>2015</b> , 10, 041001	3.5	7
173	Psychometric properties of the Sexual Adjustment Questionnaire (SAQ) in the Iranian population with spinal cord injury. <i>Spinal Cord</i> , <b>2015</b> , 53, 807-10	2.7	12
172	Identification of biomarkers involved in differential profiling of hypertrophic and keloid scars versus normal skin. <i>Archives of Dermatological Research</i> , <b>2015</b> , 307, 115-33	3.3	21
171	Noninvasive device readouts validated by immunohistochemical analysis enable objective quantitative assessment of acute wound healing in human skin. <i>Wound Repair and Regeneration</i> , <b>2015</b> , 23, 901-14	3.6	11
170	An abnormality in glucocorticoid receptor expression differentiates steroid responders from nonresponders in keloid disease. <i>British Journal of Dermatology</i> , <b>2015</b> , 173, 690-700	4	8
169	Optimization of an ex vivo wound healing model in the adult human skin: Functional evaluation using photodynamic therapy. <i>Wound Repair and Regeneration</i> , <b>2015</b> , 23, 685-702	3.6	31
168	Ex vivo evaluation of the effect of photodynamic therapy on skin scars and striae distensae. <i>Photodermatology Photoimmunology and Photomedicine</i> , <b>2015</b> , 31, 239-51	2.4	23
167	Enhanced Contraction of a Normal Breast-Derived Fibroblast-Populated Three-Dimensional Collagen Lattice via Contracted Capsule Fibroblast-Derived Paracrine Factors: Functional Significance in Capsular Contracture Formation. <i>Plastic and Reconstructive Surgery</i> , <b>2015</b> , 135, 1413-1429	2.7	10
166	Acute cutaneous wounds treated with human decellularised dermis show enhanced angiogenesis during healing. <i>PLoS ONE</i> , <b>2015</b> , 10, e0113209	3.7	19
165	Angiogenesis is induced and wound size is reduced by electrical stimulation in an acute wound healing model in human skin. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124502	3.7	85
164	Chemokines in Wound Healing and as Potential Therapeutic Targets for Reducing Cutaneous Scarring. <i>Advances in Wound Care</i> , <b>2015</b> , 4, 687-703	4.8	58
163	A comprehensive evidence-based review on the role of topicals and dressings in the management of skin scarring. <i>Archives of Dermatological Research</i> , <b>2015</b> , 307, 461-77	3.3	71
162	Skin substitute-assisted repair shows reduced dermal fibrosis in acute human wounds validated simultaneously by histology and optical coherence tomography. <i>Wound Repair and Regeneration</i> , <b>2015</b> , 23, 483-94	3.6	25
161	Functional histopathology of keloid disease. <i>Histology and Histopathology</i> , <b>2015</b> , 30, 1033-57	1.4	62
160	New insights on keloids, hypertrophic scars, and striae. <i>Dermatologic Clinics</i> , <b>2014</b> , 32, 193-209	4.2	55

159	Striae distensae: a comprehensive review and evidence-based evaluation of prophylaxis and treatment. <i>British Journal of Dermatology</i> , <b>2014</b> , 170, 527-47	4	106
158	Regenerative healing, scar-free healing and scar formation across the species: current concepts and future perspectives. <i>Experimental Dermatology</i> , <b>2014</b> , 23, 615-9	4	50
157	Physico-chemical characteristics of coated silicone textured versus smooth breast implants differentially influence breast-derived fibroblast morphology and behaviour. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2014</b> , 40, 140-155	4.1	6
156	Rheology and electrospinning of regenerated bombyx mori silk fibroin aqueous solutions. <i>Biomacromolecules</i> , <b>2014</b> , 15, 1288-98	6.9	29
155	Electrospun silk fibroin fiber diameter influences in vitro dermal fibroblast behavior and promotes healing of ex vivo wound models. <i>Journal of Tissue Engineering</i> , <b>2014</b> , 5, 2041731414551661	7.5	69
154	Superficial Dermal and Fascial Fibromatoses <b>2014</b> , 1967-1981		
153	Electrical Stimulation and Cutaneous Wound Healing: A Review of Clinical Evidence. <i>Healthcare (Switzerland)</i> , <b>2014</b> , 2, 445-67	3.4	60
152	Skin equivalent tensional force alters keloid fibroblast behavior and phenotype. <i>Wound Repair and Regeneration</i> , <b>2014</b> , 22, 557-68	3.6	26
151	Optical coherence tomography: a reliable alternative to invasive histological assessment of acute wound healing in human skin?. <i>British Journal of Dermatology</i> , <b>2014</b> , 170, 840-50	4	29
150	Silk for dermal tissue engineering <b>2014</b> , 456-471		3
149	Chemometrics models for overcoming high between subject variability: applications in clinical metabolic profiling studies. <i>Metabolomics</i> , <b>2014</b> , 10, 375-385	4.7	11
148	First identification of resident and circulating fibrocytes in Dupuytren's disease shown to be inhibited by serum amyloid P and Xiapex. <i>PLoS ONE</i> , <b>2014</b> , 9, e99967	3.7	8
147	Use of Novel Biomaterial Design and Stem Cell Therapy in Cutaneous Wound Healing <b>2013</b> , 27-42		
146	A double-blind controlled clinical trial assessing the effect of topical gels on striae distensae (stretch marks): a non-invasive imaging, morphological and immunohistochemical study. <i>Archives of Dermatological Research</i> , <b>2013</b> , 305, 603-17	3.3	19
145	Identification of steroid sensitive responders versus non-responders in the treatment of keloid disease. <i>Archives of Dermatological Research</i> , <b>2013</b> , 305, 423-32	3.3	16
144	Photodynamic therapy: an innovative approach to the treatment of keloid disease evaluated using subjective and objective non-invasive tools. <i>Archives of Dermatological Research</i> , <b>2013</b> , 305, 205-14	3.3	45
143	Current understanding of molecular and cellular mechanisms in fibroplasia and angiogenesis during acute wound healing. <i>Journal of Dermatological Science</i> , <b>2013</b> , 72, 206-17	4.3	296
142	Ex vivo evaluation of antifibrotic compounds in skin scarring: EGCG and silencing of PAI-1 independently inhibit growth and induce keloid shrinkage. <i>Laboratory Investigation</i> , <b>2013</b> , 93, 946-60	5.9	33

141	The impact of Dupuytren disease on patient activity and quality of life. <i>Journal of Hand Surgery</i> , <b>2013</b> , 38, 1209-14	2.6	47
140	Strategic management of keloid disease in ethnic skin: a structured approach supported by the emerging literature. <i>British Journal of Dermatology</i> , <b>2013</b> , 169 Suppl 3, 71-81	4	57
139	Interactions of the Extracellular Matrix and Progenitor Cells in Cutaneous Wound Healing. <i>Advances in Wound Care</i> , <b>2013</b> , 2, 261-272	4.8	35
138	Potent dual inhibitors of TORC1 and TORC2 complexes (KU-0063794 and KU-0068650) demonstrate in vitro and ex vivo anti-keloid scar activity. <i>Journal of Investigative Dermatology</i> , <b>2013</b> , 133, 1340-50	4.3	26
137	Characterisation of breast implant surfaces and correlation with fibroblast adhesion. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2013</b> , 21, 133-48	4.1	48
136	Superior effect of combination vs. single steroid therapy in keloid disease: a comparative in vitro analysis of glucocorticoids. <i>Wound Repair and Regeneration</i> , <b>2013</b> , 21, 88-102	3.6	17
135	The role of skin substitutes in the management of chronic cutaneous wounds. <i>Wound Repair and Regeneration</i> , <b>2013</b> , 21, 194-210	3.6	89
134	Designing implant surface topography for improved biocompatibility. <i>Expert Review of Medical Devices</i> , <b>2013</b> , 10, 257-67	3.5	87
133	Isolated and spontaneous correction of proximal interphalangeal joint contractures in Dupuytren's disease: an exploratory analysis of the efficacy and safety of collagenase Clostridium histolyticum. <i>Clinical Drug Investigation</i> , <b>2013</b> , 33, 905-12	3.2	10
132	Altered expression of hyaluronan synthase and hyaluronidase mRNA may affect hyaluronic acid distribution in keloid disease compared with normal skin. <i>Experimental Dermatology</i> , <b>2013</b> , 22, 377-9	4	18
131	Single-stage application of a novel decellularized dermis for treatment-resistant lower limb ulcers: positive outcomes assessed by SIAscopy, laser perfusion, and 3D imaging, with sequential timed histological analysis. <i>Wound Repair and Regeneration</i> , <b>2013</b> , 21, 813-22	3.6	23
130	Identification of molecular phenotypic descriptors of breast capsular contracture formation using informatics analysis of the whole genome transcriptome. <i>Wound Repair and Regeneration</i> , <b>2013</b> , 21, 762-9	3.6	17
129	Up-regulation of tension-related proteins in keloids: knockdown of Hsp27, $\alpha$ 1-integrin, and PAI-2 shows convincing reduction of extracellular matrix production. <i>Plastic and Reconstructive Surgery</i> , <b>2013</b> , 131, 158e-173e	2.7	19
128	Enhancement of differentiation and mineralisation of osteoblast-like cells by degenerate electrical waveform in an in vitro electrical stimulation model compared to capacitive coupling. <i>PLoS ONE</i> , <b>2013</b> , 8, e72978	3.7	22
127	Site-specific keloid fibroblasts alter the behaviour of normal skin and normal scar fibroblasts through paracrine signalling. <i>PLoS ONE</i> , <b>2013</b> , 8, e75600	3.7	53
126	Significant reduction of symptoms of scarring with electrical stimulation: evaluated with subjective and objective assessment tools in a prospective noncontrolled case series. <i>Wounds</i> , <b>2013</b> , 25, 212-24	0.8	9
125	Long-term organ culture of keloid disease tissue. <i>Experimental Dermatology</i> , <b>2012</b> , 21, 376-81	4	41
124	Notch signaling pathway in keloid disease: enhanced fibroblast activity in a Jagged-1 peptide-dependent manner in lesional vs. extralesional fibroblasts. <i>Wound Repair and Regeneration</i> , <b>2012</b> , 20, 688-706	3.6	36

123	Identification of biomarkers in sequential biopsies of patients with chronic wounds receiving simultaneous acute wounds: a genetic, histological, and noninvasive imaging study. <i>Wound Repair and Regeneration</i> , <b>2012</b> , 20, 757-69	3.6	14
122	Electrical stimulation increases blood flow and haemoglobin levels in acute cutaneous wounds without affecting wound closure time: evidenced by non-invasive assessment of temporal biopsy wounds in human volunteers. <i>Experimental Dermatology</i> , <b>2012</b> , 21, 758-64	4	28
121	Identification of fibrocytes from mesenchymal stem cells in keloid tissue: a potential source of abnormal fibroblasts in keloid scarring. <i>Archives of Dermatological Research</i> , <b>2012</b> , 304, 665-71	3.3	30
120	Differential cytotoxic response in keloid fibroblasts exposed to photodynamic therapy is dependent on photosensitiser precursor, fluence and location of fibroblasts within the lesion. <i>Archives of Dermatological Research</i> , <b>2012</b> , 304, 549-62	3.3	17
119	Identification of mesenchymal stem cells in perinodular fat and skin in Dupuytren's disease: a potential source of myofibroblasts with implications for pathogenesis and therapy. <i>Stem Cells and Development</i> , <b>2012</b> , 21, 609-22	4.4	24
118	Dupuytren's disease metabolite analyses reveals alterations following initial short-term fibroblast culturing. <i>Molecular BioSystems</i> , <b>2012</b> , 8, 2274-88		15
117	Site-specific immunophenotyping of keloid disease demonstrates immune upregulation and the presence of lymphoid aggregates. <i>British Journal of Dermatology</i> , <b>2012</b> , 167, 1053-66	4	67
116	Keloid disease can be inhibited by antagonizing excessive mTOR signaling with a novel dual TORC1/2 inhibitor. <i>American Journal of Pathology</i> , <b>2012</b> , 181, 1642-58	5.8	30
115	Whole genome and global expression profiling of Dupuytren's disease: systematic review of current findings and future perspectives. <i>Annals of the Rheumatic Diseases</i> , <b>2012</b> , 71, 1440-7	2.4	17
114	Comparative genomic hybridisation analysis of keloid tissue in Caucasians suggests possible involvement of HLA-DRB5 in disease pathogenesis. <i>Archives of Dermatological Research</i> , <b>2012</b> , 304, 241-9	3.3	27
113	Extracellular matrix molecules implicated in hypertrophic and keloid scarring. <i>Journal of the European Academy of Dermatology and Venereology</i> , <b>2012</b> , 26, 141-52	4.6	119
112	Understanding Dupuytren's Disease Using Systems Biology: A Move Away from Reductionism. <i>Frontiers in Physiology</i> , <b>2012</b> , 3, 316	4.6	2
111	Dupuytren's disease: overview of a common connective tissue disease with a focus on emerging treatment options. <i>International Journal of Clinical Rheumatology</i> , <b>2012</b> , 7, 309-323	1.5	7
110	DNA copy number variations at chromosome 7p14.1 and chromosome 14q11.2 are associated with Dupuytren's disease: potential role for MMP and Wnt signaling pathway. <i>Plastic and Reconstructive Surgery</i> , <b>2012</b> , 129, 921-932	2.7	16
109	In vitro study of novel collagenase (XIAFLEX <sup>®</sup> ) on Dupuytren's disease fibroblasts displays unique drug related properties. <i>PLoS ONE</i> , <b>2012</b> , 7, e31430	3.7	40
108	Extensive self-harm scarring: successful treatment with simultaneous use of a single layer skin substitute and split-thickness skin graft. <i>Eplasty</i> , <b>2012</b> , 12, e23	0.3	7
107	High Prevalence of Dupuytren's Disease and Its Treatment in the British National Health Service: An Ongoing Demand <b>2012</b> , 27-34		
106	Dupuytren's Disease Shows Populations of Hematopoietic and Mesenchymal Stem-Like Cells Involving Perinodular Fat and Skin in Addition to Diseased Fascia: Implications for Pathogenesis and Therapy <b>2012</b> , 167-174		1



105 Use of Genetic and Genomic Analyses Tools to Study Dupuytren's Disease **2012**, 93-100

104 Addition of novel degenerate electrical waveform stimulation with photodynamic therapy significantly enhances its cytotoxic effect in keloid fibroblasts: first report of a potential combination therapy. *Journal of Dermatological Science*, **2011**, 64, 174-84 4.3 20

103 Degenerate wave and capacitive coupling increase human MSC invasion and proliferation while reducing cytotoxicity in an in vitro wound healing model. *PLoS ONE*, **2011**, 6, e23404 3.7 40

102 A clinical characterization of familial keloid disease in unique African tribes reveals distinct keloid phenotypes. *Plastic and Reconstructive Surgery*, **2011**, 127, 689-702 2.7 10

101 Reply: Patient Assessments of Scarring: Patient-Reported Impact of Scars Measure or Patient Scar Assessment Questionnaire?. *Plastic and Reconstructive Surgery*, **2011**, 127, 1745-1746 2.7 1

100 Reply: Is Adherent Scar Always Nonpliable?. *Plastic and Reconstructive Surgery*, **2011**, 127, 2519-2520 2.7 2

99 Hyaluronan, TSG-6, and inter- $\alpha$ -inhibitor in periprosthetic breast capsules: reduced levels of free hyaluronan and TSG-6 expression in contracted capsules. *Aesthetic Surgery Journal*, **2011**, 31, 47-55 2.4 15

98 Assessment of the influence of HLA class I and class II loci on the prevalence of keloid disease in Jamaican Afro-Caribbeans. *Tissue Antigens*, **2011**, 78, 390-6 1

97 Fibroblasts from the growing margin of keloid scars produce higher levels of collagen I and III compared with intralesional and extralesional sites: clinical implications for lesional site-directed therapy. *British Journal of Dermatology*, **2011**, 164, 83-96 4 116

96 Acceleration of cutaneous healing by electrical stimulation: degenerate electrical waveform down-regulates inflammation, up-regulates angiogenesis and advances remodeling in temporal punch biopsies in a human volunteer study. *Wound Repair and Regeneration*, **2011**, 19, 693-708 3.6 70

95 Characterization of hyaluronan and TSG-6 in skin scarring: differential distribution in keloid scars, normal scars and unscarred skin. *Journal of the European Academy of Dermatology and Venereology*, **2011**, 25, 317-27 4.6 44

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