Ardeshir Bayat

List of Publications by Year
in descending order

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244 papers	11,323 citations	22099 59 h-index	42291 92 g-index
245 all docs	245 docs citations	245 times ranked	10254 citing authors

#	Article	IF	Citations
1	Skin scarring. BMJ: British Medical Journal, 2003, 326, 88-92.	2.4	534
2	The hidden cost of skin scars: quality of life after skin scarring. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2008, 61, 1049-1058.	0.5	389
3	Current understanding of molecular and cellular mechanisms in fibroplasia and angiogenesis during acute wound healing. Journal of Dermatological Science, 2013, 72, 206-217.	1.0	376
4	Exploring the role of stem cells in cutaneous wound healing. Experimental Dermatology, 2009, 18, 921-933.	1.4	242
5	Genetics of keloid scarring. Archives of Dermatological Research, 2010, 302, 319-339.	1.1	210
6	Molecular dissection of abnormal wound healing processes resulting in keloid disease. Wound Repair and Regeneration, 2010, 18, 139-153.	1.5	206
7	IL-33-Dependent Group 2 Innate Lymphoid Cells Promote Cutaneous Wound Healing. Journal of Investigative Dermatology, 2016, 136, 487-496.	0.3	181
8	Extracellular matrix molecules implicated in hypertrophic and keloid scarring. Journal of the European Academy of Dermatology and Venereology, 2012, 26, 141-152.	1.3	162
9	Epidemiological Evaluation of Dupuytren's Disease Incidence and Prevalence Rates in Relation to Etiology. Hand, 2009, 4, 256-269.	0.7	161
10	Dupuytrenâ€™s Diathesis Revisited: Evaluation of Prognostic Indicators for Risk of Disease Recurrence. Journal of Hand Surgery, 2006, 31, 1626-1634.	0.7	160
11	Genetic susceptibility to raised dermal scarring. British Journal of Dermatology, 2009, 161, 8-18.	1.4	155
12	Striae distensae: a comprehensive review and evidence-based evaluation of prophylaxis and treatment. British Journal of Dermatology, 2014, 170, 527-547.	1.4	150
13	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.	1.4	148
14	Science, medicine, and the future: Bioinformatics. BMJ: British Medical Journal, 2002, 324, 1018-1022.	2.4	138
15	Scientific understanding and clinical management of Dupuytren disease. Nature Reviews Rheumatology, 2010, 6, 715-726.	3.5	134
16	Keloid disease: clinical relevance of single versus multiple site scars. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2005, 58, 28-37.	1.1	128
17	The surface topography of silicone breast implants mediates the foreign body response in mice, rabbits and humans. Nature Biomedical Engineering, 2021, 5, 1115-1130.	11.6	126
18	Current Tools for Noninvasive Objective Assessment of Skin Scars. Plastic and Reconstructive Surgery, 2010, 126, 912-923.	0.7	116

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19	Designing implant surface topography for improved biocompatibility. Expert Review of Medical Devices, 2013, 10, 257-267.	1.4	113
20	Site-specific immunophenotyping of keloid disease demonstrates immune upregulation and the presence of lymphoid aggregates. British Journal of Dermatology, 2012, 167, 1053-1066.	1.4	112
21	Transforming growth factor beta (TGFÎ²) and keloid disease. International Journal of Surgery, 2007, 5, 278-285.	1.1	109
22	A comprehensive evidence-based review on the role of topicals and dressings in the management of skin scarring. Archives of Dermatological Research, 2015, 307, 461-477.	1.1	109
23	The role of skin substitutes in the management of chronic cutaneous wounds. Wound Repair and Regeneration, 2013, 21, 194-210.	1.5	107
24	Management of Dupuytren's Disease â€“ Clear Advice for an Elusive Condition. Annals of the Royal College of Surgeons of England, 2006, 88, 3-8.	0.3	105
25	Levels of evidence for the treatment of keloid disease. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2008, 61, 4-17.	0.5	101
26	Skin scar preconceptions must be challenged: Importance of self-perception in skin scarring. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2010, 63, 1022-1029.	0.5	99
27	Exploring the application of mesenchymal stem cells in bone repair and regeneration. Journal of Bone and Joint Surgery: British Volume, 2011, 93-B, 427-434.	3.4	99
28	Angiogenesis Is Induced and Wound Size Is Reduced by Electrical Stimulation in an Acute Wound Healing Model in Human Skin. PLoS ONE, 2015, 10, e0124502.	1.1	99
29	Understanding Keloid Pathobiology From a Quasi-Neoplastic Perspective: Less of a Scar and More of a Chronic Inflammatory Disease With Cancer-Like Tendencies. Frontiers in Immunology, 2019, 10, 1810.	2.2	97
30	The Heritability of Dupuytrenâ€™s Disease: Familial Aggregation and Its Clinical Significance. Journal of Hand Surgery, 2006, 31, 204-210.	0.7	96
31	Description of site-specific morphology of keloid phenotypes in an Afrocaribbean population. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2004, 57, 122-133.	1.1	92
32	Identification of unique gene expression patterns within different lesional sites of keloids. Wound Repair and Regeneration, 2008, 16, 254-265.	1.5	90
33	Topical management of striae distensae (stretch marks): prevention and therapy of striae rubrae and albae. Journal of the European Academy of Dermatology and Venereology, 2016, 30, 211-222.	1.3	90
34	Laser Treatment of Traumatic Scars and Contractures: 2020 International Consensus Recommendations. Lasers in Surgery and Medicine, 2020, 52, 96-116.	1.1	89
35	Current use of steroids in management of abnormal raised skin scars. Journal of the Royal College of Surgeons of Edinburgh, 2007, 5, 175-180.	0.8	88
36	Functional histopathology of keloid disease. Histology and Histopathology, 2015, 30, 1033-57.	0.5	88

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37	Electrospun silk fibroin fiber diameter influences in vitro dermal fibroblast behavior and promotes healing of ex vivo wound models. Journal of Tissue Engineering, 2014, 5, 204173141455166.	2.3	87
38	Genetic Susceptibility to Keloid Disease and Hypertrophic Scarring: Transforming Growth Factor Î²1 Common Polymorphisms and Plasma Levels. Plastic and Reconstructive Surgery, 2003, 111, 535-543.	0.7	86
39	Electrical Stimulation and Cutaneous Wound Healing: A Review of Clinical Evidence. Healthcare (Switzerland), 2014, 2, 445-467.	1.0	86
40	New Insights on Keloids, Hypertrophic Scars, and Striae. Dermatologic Clinics, 2014, 32, 193-209.	1.0	83
41	Acceleration of cutaneous healing by electrical stimulation: Degenerate electrical waveform downâ€regulates inflammation, upâ€regulates angiogenesis and advances remodeling in temporal punch biopsies in a human volunteer study. Wound Repair and Regeneration, 2011, 19, 693-708.	1.5	81
42	Novel noninvasive identification of biomarkers by analytical profiling of chronic wounds using volatile organic compounds. Wound Repair and Regeneration, 2010, 18, 391-400.	1.5	78
43	Development and functional evaluation of biomimetic silicone surfaces with hierarchical micro/nano-topographical features demonstrates favourable inÂvitro foreign body response of breast-derived fibroblasts. Biomaterials, 2015, 52, 88-102.	5.7	78
44	The Role of Neuromediators and Innervation in Cutaneous Wound Healing. Acta Dermato-Venereologica, 2016, 96, 587-594.	0.6	76
45	Epidermal Notch1 recruits RORÎ³+ group 3 innate lymphoid cells to orchestrate normal skin repair. Nature Communications, 2016, 7, 11394.	5.8	76
46	Genetic susceptibility to total hip arthroplasty failure: a preliminary study on the influence of matrix metalloproteinase 1, interleukin 6 polymorphisms and vitamin D receptor. Annals of the Rheumatic Diseases, 2007, 66, 1116-1120.	0.5	74
47	Chemokines in Wound Healing and as Potential Therapeutic Targets for Reducing Cutaneous Scarring. Advances in Wound Care, 2015, 4, 687-703.	2.6	74
48	Functional biocompatibility testing of silicone breast implants and a novel classification system based on surface roughness. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 75, 75-81.	1.5	74
49	Assessing the severity of inhalation injuries in adults. Burns, 2010, 36, 212-216.	1.1	73
50	Site-Specific Keloid Fibroblasts Alter the Behaviour of Normal Skin and Normal Scar Fibroblasts through Paracrine Signalling. PLoS ONE, 2013, 8, e75600.	1.1	73
51	Advances in bioprinted cell-laden hydrogels for skin tissue engineering. Biomanufacturing Reviews, 2017, 2, 1.	4.8	72
52	The pulley system of the thumb: Anatomic and biomechanical study. Journal of Hand Surgery, 2002, 27, 628-635.	0.7	70
53	Strategic management of keloid disease in ethnic skin: a structured approach supported by the emerging literature. British Journal of Dermatology, 2013, 169, 71-81.	1.4	70
54	Nonâ€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. Wound Repair and Regeneration, 2017, 25, 164-176.	1.5	70

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55	The Patient-Reported Impact of Scars Measure: Development and Validation. Plastic and Reconstructive Surgery, 2010, 125, 1439-1449.	0.7	68
56	The Impact of Dupuytren Disease on Patient Activity and Quality of Life. Journal of Hand Surgery, 2013, 38, 1209-1214.	0.7	65
57	Current implant surface technology: an examination of their nanostructure and their influence on fibroblast alignment and biocompatibility. Eplasty, 2009, 9, e22.	0.4	65
58	Breast Implant Surface Development: Perspectives on Development and Manufacture. Aesthetic Surgery Journal, 2011, 31, 56-67.	0.9	64
59	Characterization of hyaluronan and TSGâ€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, 317-327.	1.3	64
60	Increased expression of fibroblast activation protein-alpha in keloid fibroblasts: implications for development of a novel treatment option. Archives of Dermatological Research, 2010, 302, 725-731.	1.1	59
61	Regenerative healing, scarâ€free healing and scar formation across the species: current concepts and future perspectives. Experimental Dermatology, 2014, 23, 615-619.	1.4	58
62	Therapeutic targets in the management of striae distensae: A systematic review. Journal of the American Academy of Dermatology, 2017, 77, 559-568.e18.	0.6	58
63	Photodynamic therapy: an innovative approach to the treatment of keloid disease evaluated using subjective and objective non-invasive tools. Archives of Dermatological Research, 2013, 305, 205-214.	1.1	57
64	Genetic Susceptibility to Dupuytren Disease: Association of Zf9 Transcription Factor Gene. Plastic and Reconstructive Surgery, 2003, 111, 2133-2139.	0.7	56
65	Basic fibroblast growth factor: A potential new therapeutic tool for the treatment of hypertrophic and keloid scars. Annals of Anatomy, 2009, 191, 33-44.	1.0	56
66	Characterisation of breast implant surfaces and correlation with fibroblast adhesion. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 21, 133-148.	1.5	55
67	Validation of biofilm formation on human skin wound models and demonstration of clinically translatable bacteria-specific volatile signatures. Scientific Reports, 2018, 8, 9431.	1.6	55
68	Decreased expression of inhibitory SMAD6 and SMAD7 in keloid scarring. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2006, 59, 221-229.	0.5	54
69	Molecular Phenotypic Descriptors of Dupuytrenâ€™s Disease Defined Using Informatics Analysis of the Transcriptome. Journal of Hand Surgery, 2008, 33, 359-372.	0.7	54
70	The efficacy of electrical stimulation in lower extremity cutaneous wound healing: A systematic review. Experimental Dermatology, 2017, 26, 171-178.	1.4	54
71	Clinical Management of Skin Scarring. Skinmed, 2005, 4, 165-173.	0.0	52
72	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.	1.1	52

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73	Positive association of HLAâ€DRB1*15 with keloid disease in Caucasians. International Journal of Immunogenetics, 2008, 35, 303-307.	0.8	51
74	Longâ€term organ culture of keloid disease tissue. Experimental Dermatology, 2012, 21, 376-381.	1.4	51
75	Notch signaling pathway in keloid disease: Enhanced fibroblast activity in a <scp>J</scp>aggedâ€1 peptideâ€dependent manner in lesional vs. extralesional fibroblasts. Wound Repair and Regeneration, 2012, 20, 688-706.	1.5	50
76	In Vitro Study of Novel Collagenase (XIAFLEXÂ®) on Dupuytren's Disease Fibroblasts Displays Unique Drug Related Properties. PLoS ONE, 2012, 7, e31430.	1.1	50
77	Dermal substitute-assisted healing: enhancing stem cell therapy with novel biomaterial design. Archives of Dermatological Research, 2011, 303, 301-315.	1.1	49
78	Ex vivo evaluation of antifibrotic compounds in skin scarring: EGCG and silencing of PAI-1 independently inhibit growth and induce keloid shrinkage. Laboratory Investigation, 2013, 93, 946-960.	1.7	49
79	Genetic susceptibility to Keloid scarring: SMAD gene SNP frequencies in Afroâ€Caribbeans. Experimental Dermatology, 2008, 17, 610-613.	1.4	47
80	Electrical Stimulation Enhances Epidermal Proliferation in Human Cutaneous Wounds by Modulating p53â€“SIVA1 Interaction. Journal of Investigative Dermatology, 2015, 135, 1166-1174.	0.3	46
81	The emerging role of Clostridium histolyticum collagenase in the treatment of Dupuytren disease. Therapeutics and Clinical Risk Management, 2010, Volume 6, 557-572.	0.9	44
82	Interactions of the Extracellular Matrix and Progenitor Cells in Cutaneous Wound Healing. Advances in Wound Care, 2013, 2, 261-272.	2.6	44
83	Skin equivalent tensional force alters keloid fibroblast behavior and phenotype. Wound Repair and Regeneration, 2014, 22, 557-568.	1.5	44
84	Development of Bioinspired Gelatin and Gelatin/Chitosan Bilayer Hydrofilms for Wound Healing. Pharmaceutics, 2019, 11, 314.	2.0	44
85	Studies of Transforming Growth Factors Beta 1-3 and their Receptors I and II in Fibroblast of Keloids and Hypertrophic Scars. Acta Dermato-Venereologica, 2005, -1, 1-1.	0.6	43
86	Identification of Biomarkers in Dupuytren's Disease by Comparative Analysis of Fibroblasts Versus Tissue Biopsies in Disease-Specific Phenotypes. Journal of Hand Surgery, 2009, 34, 124-136.	0.7	43
87	Keloid Disease Can Be Inhibited by Antagonizing Excessive mTOR Signaling With a Novel Dual TORC1/2 Inhibitor. American Journal of Pathology, 2012, 181, 1642-1658.	1.9	43
88	Optimization of an ex vivo wound healing model in the adult human skin: Functional evaluation using photodynamic therapy. Wound Repair and Regeneration, 2015, 23, 685-702.	1.5	43
89	Site-specific gene expression profiling as a novel strategy for unravelling keloid disease pathobiology. PLoS ONE, 2017, 12, e0172955.	1.1	43
90	Implications for Burns Unit design following outbreak of multi-resistant Acinetobacter infection in ICU and Burns Unit. Burns, 2003, 29, 303-306.	1.1	42

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91	Genetic susceptibility to keloid disease: Transforming growth factor beta receptor gene polymorphisms are not associated with keloid disease. Experimental Dermatology, 2004, 13, 120-124.	1.4	42
92	Genetic susceptibility to keloid disease and transforming growth factor Î²2 polymorphisms. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2002, 55, 283-286.	1.1	41
93	Genetic susceptibility to keloid disease: mutation screening of the TGFÎ²3 gene. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2005, 58, 914-921.	1.1	41
94	Optical coherence tomography: a reliable alternative to invasive histological assessment of acute wound healing in human skin?. British Journal of Dermatology, 2014, 170, 840-850.	1.4	41
95	Use of a non-contact 3D digitiser to measure the volume of keloid scars: a useful tool for scar assessment. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2007, 60, 87-94.	0.5	40
96	The Influence of Surgical Excision Margins on Keloid Prognosis. Annals of Plastic Surgery, 2010, 64, 55-58.	0.5	40
97	Positive response of a recurrent keloid scar to topical methyl aminolevulinate-photodynamic therapy. Photodermatology Photoimmunology and Photomedicine, 2010, 26, 330-332.	0.7	39
98	Identification of a novel mitochondrial mutation in Dupuytren's disease using multiplex DHPLC. Plastic and Reconstructive Surgery, 2005, 115, 134-41.	0.7	39
99	Genetic susceptibility to Dupuytren's disease: transforming growth factor beta receptor (TGFÎ²R) gene polymorphisms and Dupuytren's disease. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2003, 56, 328-333.	1.1	38
100	Adult stem cells in tissue engineering. Expert Review of Medical Devices, 2009, 6, 621-640.	1.4	37
101	Identification of fibrocytes from mesenchymal stem cells in keloid tissue: a potential source of abnormal fibroblasts in keloid scarring. Archives of Dermatological Research, 2012, 304, 665-671.	1.1	37
102	Potent Dual Inhibitors of TORC1 and TORC2 Complexes (KU-0063794 and KU-0068650) Demonstrate In Vitro and Ex Vivo Anti-Keloid Scar Activity. Journal of Investigative Dermatology, 2013, 133, 1340-1350.	0.3	37
103	The efficacy of electrical stimulation in experimentally induced cutaneous wounds in animals. Veterinary Dermatology, 2016, 27, 235.	0.4	37
104	Mast Cells in Skin Scarring: A Review of Animal and Human Research. Frontiers in Immunology, 2020, 11, 552205.	2.2	37
105	Assessment of clinical severity in Dupuytren's disease. British Journal of Hospital Medicine (London,) Tj ETQq1 1 0.784314 rgBT /Over	0.2	36
106	Tumour Necrosis Factor-Î± Expression Is Associated with Increased Severity of Periprosthetic Breast Capsular Contracture. European Surgical Research, 2010, 45, 327-332.	0.6	36
107	Dupuytren's: a systems biology disease. Arthritis Research and Therapy, 2011, 13, 238.	1.6	36
108	Skin substituteâ€assisted repair shows reduced dermal fibrosis in acute human wounds validated simultaneously by histology and optical coherence tomography. Wound Repair and Regeneration, 2015, 23, 483-494.	1.5	36

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109	A Double-Blind, Randomized Trial Shows the Role of Zonal Priming and Direct Topical Application of Epigallocatechin-3-Gallate in theÂModulation of Cutaneous Scarring inÂHumanÂSkin. Journal of Investigative Dermatology, 2019, 139, 1680-1690.e16.	0.3	36
110	Rheology and Electrospinning of Regenerated Bombyx mori Silk Fibroin Aqueous Solutions. Biomacromolecules, 2014, 15, 1288-1298.	2.6	35
111	Nonâ€invasive objective devices for monitoring the inflammatory, proliferative and remodelling phases of cutaneous wound healing and skin scarring. Experimental Dermatology, 2016, 25, 579-585.	1.4	35
112	Functional testing of topical skin formulations using an optimised ex vivo skin organ culture model. Archives of Dermatological Research, 2016, 308, 297-308.	1.1	34
113	Genetic susceptibility to hip arthroplasty failureâ€"association with the RANK/OPG pathway. International Orthopaedics, 2006, 30, 177-181.	0.9	33
114	Genetic Susceptibility to Total Hip Arthroplasty Failureâ€"Positive Association With Mannose-Binding Lectin. Journal of Arthroplasty, 2007, 22, 265-270.	1.5	33
115	Ex vivo evaluation of the effect of photodynamic therapy on skin scars and striae distensae. Photodermatology Photoimmunology and Photomedicine, 2015, 31, 239-251.	0.7	33
116	Genetic susceptibility in Dupuytren's disease. TGF-beta1 polymorphisms and Dupuytren's disease. Journal of Bone and Joint Surgery: British Volume, 2002, 84, 211-5.	3.4	33
117	Energyâ€based devices for the treatment of Acne Scars: 2022 International consensus recommendations. Lasers in Surgery and Medicine, 2022, 54, 10-26.	1.1	33
118	Electrical stimulation increases blood flow and haemoglobin levels in acute cutaneous wounds without affecting wound closure time: evidenced by nonâ€invasive assessment of temporal biopsy wounds in human volunteers. Experimental Dermatology, 2012, 21, 758-764.	1.4	32
119	Identification of biomarkers involved in differential profiling of hypertrophic and keloid scars versus normal skin. Archives of Dermatological Research, 2015, 307, 115-133.	1.1	31
120	A Review of the Evidence for and against a Role for Mast Cells in Cutaneous Scarring and Fibrosis. International Journal of Molecular Sciences, 2020, 21, 9673.	1.8	31
121	Differential distribution of haematopoietic and nonhaematopoietic progenitor cells in intralesional and extralesional keloid: do keloid scars provide a niche for nonhaematopoietic mesenchymal stem cells?. British Journal of Dermatology, 2010, 162, 1377-1383.	1.4	30
122	Comparative genomic hybridisation analysis of keloid tissue in Caucasians suggests possible involvement of HLA-DRB5 in disease pathogenesis. Archives of Dermatological Research, 2012, 304, 241-249.	1.1	30
123	Up-Regulation of Tension-Related Proteins in Keloids. Plastic and Reconstructive Surgery, 2013, 131, 158e-173e.	0.7	30
124	Keloid scarring or disease: Unresolved quasiâ€neoplastic tendencies in the human skin. Wound Repair and Regeneration, 2020, 28, 422-426.	1.5	30
125	Enhancement of Differentiation and Mineralisation of Osteoblast-like Cells by Degenerate Electrical Waveform in an In Vitro Electrical Stimulation Model Compared to Capacitive Coupling. PLoS ONE, 2013, 8, e72978.	1.1	29
126	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. Stem Cells and Development, 2012, 21, 609-622.	1.1	28

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127	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. Archives of Dermatological Research, 2013, 305, 603-617.	1.1	28
128	Identification of novel keloid biomarkers through profiling of tissue biopsies versus cell cultures in keloid margin specimens compared to adjacent normal skin. Eplasty, 2010, 10, e24.	0.4	28
129	Positive association of HLAâ€DRB1*15 with Dupuytrenâ€™s disease in Caucasians. Tissue Antigens, 2008, 72, 166-170.	1.0	27
130	Volatile organic compound detection as a potential means of diagnosing cutaneous wound infections. Wound Repair and Regeneration, 2017, 25, 574-590.	1.5	26
131	Objective assessment of dermal fibrosis in cutaneous scarring, using optical coherence tomography, highâ€frequency ultrasound and immunohistomorphometry of human skin. British Journal of Dermatology, 2019, 181, 722-732.	1.4	26
132	A novel in vitro assay for electrophysiological research on human skin fibroblasts: Degenerate electrical waves downregulate collagen I expression in keloid fibroblasts. Experimental Dermatology, 2011, 20, 64-68.	1.4	25
133	Altered expression of hyaluronan synthase and hyaluronidase mRNA may affect hyaluronic acid distribution in keloid disease compared with normal skin. Experimental Dermatology, 2013, 22, 377-379.	1.4	25
134	Acute Cutaneous Wounds Treated with Human Decellularised Dermis Show Enhanced Angiogenesis during Healing. PLoS ONE, 2015, 10, e0113209.	1.1	25
135	Genetic Susceptibility in Dupuytrenâ€™s Disease: Lack of Association of a Novel Transforming Growth Factor Î²2Polymorphism in Dupuytrenâ€™s Disease. Journal of Hand Surgery, 2002, 27, 47-49.	0.9	24
136	Revised Tubiana's Staging System for Assessment of Disease Severity in Dupuytren's Diseaseâ€”Preliminary Clinical Findings. Hand, 2008, 3, 80-86.	0.7	24
137	Cellular Senescence as a Possible Mechanism for Halting Progression of Keloid Lesions. Genes and Cancer, 2011, 2, 1061-1066.	0.6	24
138	A microbiome and metabolomic signature of phases of cutaneous healing identified by profiling sequential acute wounds of human skin: An exploratory study. PLoS ONE, 2020, 15, e0229545.	1.1	24
139	Differential Gene Expression Analysis of Subcutaneous Fat, Fascia, and Skin Overlying a Dupuytren's Disease Nodule in Comparison to Control Tissue. Hand, 2009, 4, 294-301.	0.7	23
140	Treatment of symptomatic abnormal skin scars with electrical stimulation. Journal of Wound Care, 2010, 19, 447-453.	0.5	23
141	Singleâ€stage application of a novel decellularized dermis for treatmentâ€resistant lower limb ulcers: Positive outcomes assessed by <scp>SIA</scp>scopy, laser perfusion, and 3<scp>D</scp> imaging, with sequential timed histological analysis. Wound Repair and Regeneration, 2013, 21, 813-822.	1.5	23
142	Characterization of stem cells in Dupuytren's disease. British Journal of Surgery, 2010, 98, 308-315.	0.1	22
143	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, 174-184.	1.0	22
144	Identification of steroid sensitive responders versus non-responders in the treatment of keloid disease. Archives of Dermatological Research, 2013, 305, 423-432.	1.1	22

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145	Identification of molecular phenotypic descriptors of breast capsular contracture formation using informatics analysis of the whole genome transcriptome. Wound Repair and Regeneration, 2013, 21, 762-769.	1.5	22
146	Development, fabrication and evaluation of a novel biomimetic human breast tissue derived breast implant surface. Acta Biomaterialia, 2017, 49, 260-271.	4.1	22
147	Enhanced Neurogenic Biomarker Expression and Reinnervation in HumanÂAcute Skin Wounds Treated by Electrical Stimulation. Journal of Investigative Dermatology, 2017, 137, 737-747.	0.3	22
148	Whole genome and global expression profiling of Dupuytren's disease: systematic review of current findings and future perspectives. Annals of the Rheumatic Diseases, 2012, 71, 1440-1447.	0.5	21
149	DNA Copy Number Variations at Chromosome 7p14.1 and Chromosome 14q11.2 Are Associated with DupuytrenÊ¼s Disease. Plastic and Reconstructive Surgery, 2012, 129, 921-932.	0.7	20
150	Differential cytotoxic response in keloid fibroblasts exposed to photodynamic therapy is dependent on photosensitiser precursor, fluence and location of fibroblasts within the lesion. Archives of Dermatological Research, 2012, 304, 549-562.	1.1	20
151	Superior effect of combination vs. single steroid therapy in keloid disease: A comparative in vitro analysis of glucocorticoids. Wound Repair and Regeneration, 2013, 21, 88-102.	1.5	20
152	The Aldo-Keto Reductase AKR1B10 Is Up-Regulated in Keloid Epidermis, Implicating Retinoic Acid Pathway Dysregulation in the Pathogenesis of Keloid Disease. Journal of Investigative Dermatology, 2016, 136, 1500-1512.	0.3	20
153	Electrical stimulation disrupts biofilms in a human wound model and reveals the potential for monitoring treatment response with volatile biomarkers. Wound Repair and Regeneration, 2019, 27, 5-18.	1.5	20
154	Phenotypic profiling of keloid scars using FT-IR microspectroscopy reveals a unique spectral signature. Archives of Dermatological Research, 2010, 302, 705-715.	1.1	18
155	Association of HLA-DRB1* and keloid disease in an Afro-Caribbean population. Clinical and Experimental Dermatology, 2010, 35, 305-310.	0.6	18
156	A Role for Neuregulin-1 in Promoting Keloid Fibroblast Migration via ErbB2-mediated Signaling. Acta Dermato-Venereologica, 2017, 97, 675-684.	0.6	18
157	Multiâ€dimensional models for functional testing of keloid scars: In silico, in vitro, organoid, organotypic, ex vivo organ culture, and in vivo models. Wound Repair and Regeneration, 2019, 27, 298-308.	1.5	18
158	'Aggressive keloid': a severe variant of familial keloid scarring. Journal of the Royal Society of Medicine, 2003, 96, 554-555.	1.1	17
159	A Clinical Characterization of Familial Keloid Disease in Unique African Tribes Reveals Distinct Keloid Phenotypes. Plastic and Reconstructive Surgery, 2011, 127, 689-702.	0.7	17
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