John J Voorhees

List of Publications by Citations

289 papers	25,483 citations	85 h-index	151 g-index
303 ext. papers	28,184 ext. citations	5.7 avg, IF	6.39 L-index

#	Paper	IF	Citations
289	Molecular basis of sun-induced premature skin ageing and retinoid antagonism. *Nature*, **1996**, 379, 335-9	50.4	1166
288	Pathophysiology of premature skin aging induced by ultraviolet light. *New England Journal of Medicine*, **1997**, 337, 1419-28	59.2	1131
287	Mechanisms of photoaging and chronological skin aging. *Archives of Dermatology*, **2002**, 138, 1462-70		1072
286	Genome-wide scan reveals association of psoriasis with IL-23 and NF-kappaB pathways. *Nature Genetics*, **2009**, 41, 199-204	36.3	1038
285	Identification of 15 new psoriasis susceptibility loci highlights the role of innate immunity. *Nature Genetics*, **2012**, 44, 1341-8	36.3	681
284	Decreased collagen production in chronologically aged skin: roles of age-dependent alteration in fibroblast function and defective mechanical stimulation. *American Journal of Pathology*, **2006**, 168, 1861-8	5.8	485
283	Sequence and haplotype analysis supports HLA-C as the psoriasis susceptibility 1 gene. *American Journal of Human Genetics*, **2006**, 78, 827-851	11	441
282	Vitamin A antagonizes decreased cell growth and elevated collagen-degrading matrix metalloproteinases and stimulates collagen accumulation in naturally aged human skin. *Journal of Investigative Dermatology*, **2000**, 114, 480-6	4.3	435
281	Matrix-degrading metalloproteinases in photoaging. *Journal of Investigative Dermatology Symposium Proceedings*, **2009**, 14, 20-4	1.1	427
280	Restoration of collagen formation in photodamaged human skin by tretinoin (retinoic acid). *New England Journal of Medicine*, **1993**, 329, 530-5	59.2	401
279	Cyclosporine for plaque-type psoriasis. Results of a multidose, double-blind trial. *New England Journal of Medicine*, **1991**, 324, 277-84	59.2	373
278	Molecular mechanisms of retinoid actions in skin. *FASEB Journal*, **1996**, 10, 1002-13	0.9	353
277	Looking older: fibroblast collapse and therapeutic implications. *Archives of Dermatology*, **2008**, 144, 666-72		316
276	Reduced type I and type III procollagens in photodamaged adult human skin. *Journal of Investigative Dermatology*, **1995**, 105, 285-90	4.3	297
275	In vivo stimulation of de novo collagen production caused by cross-linked hyaluronic acid dermal filler injections in photodamaged human skin. *Archives of Dermatology*, **2007**, 143, 155-63		294
274	Genome-wide association study identifies a psoriasis susceptibility locus at TRAF3IP2. *Nature Genetics*, **2010**, 42, 991-5	36.3	283
273	Collagen fragmentation promotes oxidative stress and elevates matrix metalloproteinase-1 in fibroblasts in aged human skin. *American Journal of Pathology*, **2009**, 174, 101-14	5.8	266

272	Solar ultraviolet irradiation reduces collagen in photoaged human skin by blocking transforming growth factor-beta type II receptor/Smad signaling. *American Journal of Pathology*, **2004**, 165, 741-51	5.8	262
271	Matrix metalloproteinase-1 is the major collagenolytic enzyme responsible for collagen damage in UV-irradiated human skin. *Photochemistry and Photobiology*, **2003**, 78, 43-8	3.6	253
270	Genome-wide association analysis identifies three psoriasis susceptibility loci. *Nature Genetics*, **2010**, 42, 1000-4	36.3	251
269	Application of retinol to human skin in vivo induces epidermal hyperplasia and cellular retinoid binding proteins characteristic of retinoic acid but without measurable retinoic acid levels or irritation. *Journal of Investigative Dermatology*, **1995**, 105, 549-56	4.3	240
268	Inhibition of type I procollagen synthesis by damaged collagen in photoaged skin and by collagenase-degraded collagen in vitro. *American Journal of Pathology*, **2001**, 158, 931-42	5.8	237
267	c-Jun-dependent inhibition of cutaneous procollagen transcription following ultraviolet irradiation is reversed by all-trans retinoic acid. *Journal of Clinical Investigation*, **2000**, 106, 663-70	15.9	229
266	Transcriptome analysis of psoriasis in a large case-control sample: RNA-seq provides insights into disease mechanisms. *Journal of Investigative Dermatology*, **2014**, 134, 1828-1838	4.3	225
265	IL-1F5, -F6, -F8, and -F9: a novel IL-1 family signaling system that is active in psoriasis and promotes keratinocyte antimicrobial peptide expression. *Journal of Immunology*, **2011**, 186, 2613-22	5.3	224
264	Localization of psoriasis-susceptibility locus PSORS1 to a 60-kb interval telomeric to HLA-C. *American Journal of Human Genetics*, **2000**, 66, 1833-44	11	212
263	Polymorphisms of the IL12B and IL23R genes are associated with psoriasis. *Journal of Investigative Dermatology*, **2008**, 128, 1653-61	4.3	208
262	Molecular dissection of psoriasis: integrating genetics and biology. *Journal of Investigative Dermatology*, **2010**, 130, 1213-26	4.3	206
261	Genome-wide Association Analysis of Psoriatic Arthritis and Cutaneous Psoriasis Reveals Differences in Their Genetic Architecture. *American Journal of Human Genetics*, **2015**, 97, 816-36	11	185
260	Inflammation and extracellular matrix degradation mediated by activated transcription factors nuclear factor-kappaB and activator protein-1 in inflammatory acne lesions in vivo. *American Journal of Pathology*, **2005**, 166, 1691-9	5.8	182
259	Topical N-acetyl cysteine and genistein prevent ultraviolet-light-induced signaling that leads to photoaging in human skin in vivo. *Journal of Investigative Dermatology*, **2003**, 120, 835-41	4.3	176
258	Effect of topical cyclosporine rinse on oral lichen planus. A double-blind analysis. *New England Journal of Medicine*, **1990**, 323, 290-4	59.2	176
257	Continuing medical education (Therapy). *Journal of the American Academy of Dermatology*, **1987**, 16, 267-291	4.5	176
256	Collagen degradation in aged/photodamaged skin in vivo and after exposure to matrix metalloproteinase-1 in vitro. *Journal of Investigative Dermatology*, **2003**, 120, 842-8	4.3	170
255	Retinoic acid receptor gene expression in human skin. *Journal of Investigative Dermatology*, **1991**, 96, 425-33	4.3	163

254	Topical tretinoin (retinoic acid) therapy for hyperpigmented lesions caused by inflammation of the skin in black patients. *New England Journal of Medicine*, **1993**, 328, 1438-43	59.2	162
253	Expression of growth hormone receptor, insulin-like growth factor 1 (IGF-1) and IGF-1 receptor mRNA and proteins in human skin. *Journal of Investigative Dermatology*, **1992**, 99, 343-9	4.3	158
252	Oral cyclosporine for the treatment of alopecia areata. A clinical and immunohistochemical analysis. *Journal of the American Academy of Dermatology*, **1990**, 22, 242-50	4.5	158
251	Assessment of the psoriatic transcriptome in a large sample: additional regulated genes and comparisons with in vitro models. *Journal of Investigative Dermatology*, **2010**, 130, 1829-40	4.3	155
250	Cellular, immunologic and biochemical characterization of topical retinoic acid-treated human skin. *Journal of Investigative Dermatology*, **1991**, 96, 699-707	4.3	153
249	Fine mapping major histocompatibility complex associations in psoriasis and its clinical subtypes. *American Journal of Human Genetics*, **2014**, 95, 162-72	11	151
248	Analysis of long non-coding RNAs highlights tissue-specific expression patterns and epigenetic profiles in normal and psoriatic skin. *Genome Biology*, **2015**, 16, 24	18.3	147
247	Topical tretinoin (retinoic acid) treatment for liver spots associated with photodamage. *New England Journal of Medicine*, **1992**, 326, 368-74	59.2	147
246	Reduced expression of connective tissue growth factor (CTGF/CCN2) mediates collagen loss in chronologically aged human skin. *Journal of Investigative Dermatology*, **2010**, 130, 415-24	4.3	139
245	Leukotrienes and Other Lipoxygenase Products in the Pathogenesis and Therapy of Psoriasis and Other Dermatoses. *Archives of Dermatology*, **1983**, 119, 541		137
244	Large scale meta-analysis characterizes genetic architecture for common psoriasis associated variants. *Nature Communications*, **2017**, 8, 15382	17.4	136
243	Genome-wide expression profiling of five mouse models identifies similarities and differences with human psoriasis. *PLoS ONE*, **2011**, 6, e18266	3.7	136
242	Ultraviolet irradiation blocks cellular responses to transforming growth factor-beta by down-regulating its type-II receptor and inducing Smad7. *Journal of Biological Chemistry*, **2001**, 276, 26349-56	5.4	134
241	The genetics of psoriasis 2001: the odyssey continues. *Archives of Dermatology*, **2001**, 137, 1447-54		132
240	Reduced fibroblast interaction with intact collagen as a mechanism for depressed collagen synthesis in photodamaged skin. *Journal of Investigative Dermatology*, **2004**, 122, 1471-9	4.3	131
239	TNFAIP3 gene polymorphisms are associated with response to TNF blockade in psoriasis. *Journal of Investigative Dermatology*, **2012**, 132, 593-600	4.3	130
238	Inhibition of type I procollagen production in photodamage: correlation between presence of high molecular weight collagen fragments and reduced procollagen synthesis. *Journal of Investigative Dermatology*, **2002**, 119, 122-9	4.3	128
237	Enhancing structural support of the dermal microenvironment activates fibroblasts, endothelial cells, and keratinocytes in aged human skin in vivo. *Journal of Investigative Dermatology*, **2013**, 133, 658-667	4.3	127

236	Ultraviolet irradiation alters transforming growth factor beta/smad pathway in human skin in vivo. *Journal of Investigative Dermatology*, **2002**, 119, 499-506	4.3	124
235	Comparison of urinary 6-beta-cortisol and the erythromycin breath test as measures of hepatic P450IIIA (CYP3A) activity. *Clinical Pharmacology and Therapeutics*, **1992**, 52, 265-73	6.1	124
234	Global gene expression analysis reveals evidence for decreased lipid biosynthesis and increased innate immunity in uninvolved psoriatic skin. *Journal of Investigative Dermatology*, **2009**, 129, 2795-804	4.3	123
233	Treatment of acne vulgaris with a pulsed dye laser: a randomized controlled trial. *JAMA - Journal of the American Medical Association*, **2004**, 291, 2834-9	27.4	123
232	Decreased extracellular-signal-regulated kinase and increased stress-activated MAP kinase activities in aged human skin in vivo. *Journal of Investigative Dermatology*, **2000**, 115, 177-82	4.3	123
231	Enhanced meta-analysis and replication studies identify five new psoriasis susceptibility loci. *Nature Communications*, **2015**, 6, 7001	17.4	122
230	Improvement of naturally aged skin with vitamin A (retinol). *Archives of Dermatology*, **2007**, 143, 606-12		121
229	Sustained improvement with prolonged topical tretinoin (retinoic acid) for photoaged skin. *Journal of the American Academy of Dermatology*, **1990**, 23, 629-37	4.5	116
228	Ultraviolet modulation of human macrophage metalloelastase in human skin in vivo. *Journal of Investigative Dermatology*, **2002**, 119, 507-12	4.3	112
227	Extracellular matrix regulation of fibroblast function: redefining our perspective on skin aging. *Journal of Cell Communication and Signaling*, **2018**, 12, 35-43	5.2	109
226	Auto-regulation of retinoic acid biosynthesis through regulation of retinol esterification in human keratinocytes. *Journal of Biological Chemistry*, **1996**, 271, 15346-52	5.4	106
225	Connective tissue remodeling induced by carbon dioxide laser resurfacing of photodamaged human skin. *Archives of Dermatology*, **2004**, 140, 1326-32		105
224	Elevated matrix metalloproteinases and collagen fragmentation in photodamaged human skin: impact of altered extracellular matrix microenvironment on dermal fibroblast function. *Journal of Investigative Dermatology*, **2013**, 133, 1362-6	4.3	104
223	Dermal matrix remodeling after nonablative laser therapy. *Journal of the American Academy of Dermatology*, **2005**, 53, 775-82	4.5	104
222	Molecular Mechanisms of Photoaging in Human Skin In Vivo and Their Prevention by All-Trans Retinoic Acid. *Photochemistry and Photobiology*, **1999**, 69, 154-157	3.6	103
221	Linkage analysis of human leukocyte antigen (HLA) markers in familial psoriasis: strong disequilibrium effects provide evidence for a major determinant in the HLA-B/-C region. *American Journal of Human Genetics*, **1998**, 63, 191-9	11	102
220	Hypervitaminosis A syndrome: a paradigm of retinoid side effects. *Journal of the American Academy of Dermatology*, **1987**, 16, 1027-39	4.5	102
219	Differential regulation of retinoic acid receptors and binding proteins in human skin. *Journal of Investigative Dermatology*, **1992**, 98, 673-9	4.3	101

218	Psoriasis. *Journal of the American Academy of Dermatology*, **1984**, 11, 937-47	4.5	101
217	Oxidative inhibition of receptor-type protein-tyrosine phosphatase kappa by ultraviolet irradiation activates epidermal growth factor receptor in human keratinocytes. *Journal of Biological Chemistry*, **2006**, 281, 27389-97	5.4	99
216	Eccrine sweat glands are major contributors to reepithelialization of human wounds. *American Journal of Pathology*, **2013**, 182, 163-71	5.8	98
215	Acute or chronic topical retinoic acid treatment of human skin in vivo alters the expression of epidermal transglutaminase, loricrin, involucrin, filaggrin, and keratins 6 and 13 but not keratins 1, 10, and 14. *Journal of Investigative Dermatology*, **1992**, 98, 343-50	4.3	98
214	Photosensitivity and type I IFN responses in cutaneous lupus are driven by epidermal-derived interferon kappa. *Annals of the Rheumatic Diseases*, **2018**, 77, 1653-1664	2.4	95
213	Levels of cyclosporin in epidermis of treated psoriasis patients differentially inhibit growth of keratinocytes cultured in serum free versus serum containing media. *Journal of Investigative Dermatology*, **1988**, 91, 142-6	4.3	93
212	Acitretin improves psoriasis in a dose-dependent fashion. *Journal of the American Academy of Dermatology*, **1988**, 18, 655-62	4.5	93
211	Elevated cysteine-rich 61 mediates aberrant collagen homeostasis in chronologically aged and photoaged human skin. *American Journal of Pathology*, **2006**, 169, 482-90	5.8	91
210	Ultraviolet irradiation of human skin causes functional vitamin A deficiency, preventable by all-trans retinoic acid pre-treatment. *Nature Medicine*, **1999**, 5, 418-22	50.5	91
209	Dissecting the psoriasis transcriptome: inflammatory- and cytokine-driven gene expression in lesions from 163 patients. *BMC Genomics*, **2013**, 14, 527	4.5	89
208	Evidence for altered Wnt signaling in psoriatic skin. *Journal of Investigative Dermatology*, **2010**, 130, 1849-59	4.3	89
207	Proliferating cells in psoriatic dermis are comprised primarily of T cells, endothelial cells, and factor XIIIa+ perivascular dendritic cells. *Journal of Investigative Dermatology*, **1991**, 96, 333-40	4.3	88
206	Retinoid-induced epidermal hyperplasia is mediated by epidermal growth factor receptor activation via specific induction of its ligands heparin-binding EGF and amphiregulin in human skin in vivo. *Journal of Investigative Dermatology*, **2006**, 126, 732-9	4.3	87
205	Epidermal growth factor receptor-dependent, NF-kappaB-independent activation of the phosphatidylinositol 3-kinase/Akt pathway inhibits ultraviolet irradiation-induced caspases-3, -8, and -9 in human keratinocytes. *Journal of Biological Chemistry*, **2003**, 278, 45737-45	5.4	85
204	Receptor-type protein-tyrosine phosphatase-kappa regulates epidermal growth factor receptor function. *Journal of Biological Chemistry*, **2005**, 280, 42694-700	5.4	85
203	Psoriatic epidermal cells demonstrate increased numbers and function of non-Langerhans antigen-presenting cells. *Journal of Investigative Dermatology*, **1989**, 92, 190-5	4.3	83
202	The erythromycin breath test as a predictor of cyclosporine blood levels. *Clinical Pharmacology and Therapeutics*, **1990**, 48, 120-9	6.1	83
201	Retinoic acid and synthetic analogs differentially activate retinoic acid receptor dependent transcription. *Biochemical and Biophysical Research Communications*, **1990**, 173, 339-45	3.4	82

200	Psoriasis as a Possible Defect of the Adenyl Cyclase-Cyclic AMP Cascade. *Archives of Dermatology*, **1971**, 104, 352		82
199	Molecular effects of photodynamic therapy for photoaging. *Archives of Dermatology*, **2008**, 144, 1296-302		80
198	Meta-analysis confirms the LCE3C_LCE3B deletion as a risk factor for psoriasis in several ethnic groups and finds interaction with HLA-Cw6. *Journal of Investigative Dermatology*, **2011**, 131, 1105-9	4.3	79
197	Topical tretinoin (retinoic acid) treatment of hyperpigmented lesions associated with photoaging in Chinese and Japanese patients: a vehicle-controlled trial. *Journal of the American Academy of Dermatology*, **1994**, 30, 76-84	4.5	78
196	UM4D4+ (CDw60) T cells are compartmentalized into psoriatic skin and release lymphokines that induce a keratinocyte phenotype expressed in psoriatic lesions. *Journal of Investigative Dermatology*, **1990**, 95, 275-82	4.3	77
195	Cyclosporine in dermatology. *Journal of the American Academy of Dermatology*, **1989**, 21, 1245-56	4.5	75
194	Differential expression of protein kinase C isoenzymes in normal and psoriatic adult human skin: reduced expression of protein kinase C-beta II in psoriasis. *Journal of Investigative Dermatology*, **1993**, 101, 553-9	4.3	73
193	T-lymphocyte clones initiated from lesional psoriatic skin release growth factors that induce keratinocyte proliferation. *Journal of Investigative Dermatology*, **1993**, 101, 695-700	4.3	71
192	Ultraviolet irradiation induces Smad7 via induction of transcription factor AP-1 in human skin fibroblasts. *Journal of Biological Chemistry*, **2005**, 280, 8079-85	5.4	68
191	A gene network regulated by the transcription factor VGLL3 as a promoter of sex-biased autoimmune diseases. *Nature Immunology*, **2017**, 18, 152-160	19.1	67
190	Microdermabrasion: a molecular analysis following a single treatment. *Journal of the American Academy of Dermatology*, **2005**, 52, 215-23	4.5	65
189	Protooncogene expression in normal and psoriatic skin. *Journal of Investigative Dermatology*, **1990**, 94, 19-25	4.3	65
188	Age-dependent alterations of decorin glycosaminoglycans in human skin. *Scientific Reports*, **2013**, 3, 2422	4.9	64
187	The role of immune system in the pathogenesis of psoriasis. *Journal of Investigative Dermatology*, **1990**, 95, 32S-34S	4.3	64
186	Biosynthesis of lipoxygenase products by enzyme preparations from normal and psoriatic skin. *Journal of Investigative Dermatology*, **1984**, 83, 426-30	4.3	64
185	International studies of the efficacy of etretinate in the treatment of psoriasis. *Journal of the American Academy of Dermatology*, **1982**, 6, 692-6	4.5	64
184	Robust shifts in S100a9 expression with aging: a novel mechanism for chronic inflammation. *Scientific Reports*, **2013**, 3, 1215	4.9	63
183	Endogenous retinoic acid receptor (RAR)-retinoid X receptor (RXR) heterodimers are the major functional forms regulating retinoid-responsive elements in adult human keratinocytes. Binding of ligands to RAR only is sufficient for RAR-RXR heterodimers to confer ligand-dependent activation of hRAR beta 2/RARE (DR5). *Journal of Biological Chemistry*, **1995**, 270, 3001-11	5.4	63

182	Psychiatric aspects of the treatment of mild to moderate facial acne. Some preliminary observations. *International Journal of Dermatology*, **1990**, 29, 719-21	1.7	63
181	Effect of smoking on aging of photoprotected skin: evidence gathered using a new photonumeric scale. *Archives of Dermatology*, **2007**, 143, 397-402		62
180	Reduction of fibroblast size/mechanical force down-regulates TGF-□type II receptor: implications for human skin aging. *Aging Cell*, **2016**, 15, 67-76	9.9	61
179	Decreased Cyclic AMP in the Epidermis of Lesions of Psoriasis. *Archives of Dermatology*, **1972**, 105, 695		61
178	Genetic signature to provide robust risk assessment of psoriatic arthritis development in psoriasis patients. *Nature Communications*, **2018**, 9, 4178	17.4	61
177	Connective tissue growth factor: expression in human skin in vivo and inhibition by ultraviolet irradiation. *Journal of Investigative Dermatology*, **2002**, 118, 402-8	4.3	60
176	Epidermal growth factor receptor is a critical mediator of ultraviolet B irradiation-induced signal transduction in immortalized human keratinocyte HaCaT cells. *American Journal of Pathology*, **2006**, 169, 823-30	5.8	59
175	Ultraviolet irradiation induces CYR61/CCN1, a mediator of collagen homeostasis, through activation of transcription factor AP-1 in human skin fibroblasts. *Journal of Investigative Dermatology*, **2010**, 130, 1697-706	4.3	58
174	Proteogenomic analysis of psoriasis reveals discordant and concordant changes in mRNA and protein abundance. *Genome Medicine*, **2015**, 7, 86	14.4	57
173	Stimulus-selective induction of CRABP-II mRNA: a marker for retinoic acid action in human skin. *Journal of Investigative Dermatology*, **1993**, 100, 356-9	4.3	57
172	YAP/TAZ regulates TGF-□Smad3 signaling by induction of Smad7 via AP-1 in human skin dermal fibroblasts. *Cell Communication and Signaling*, **2018**, 16, 18	7.5	56
171	Hedgehog signaling maintains hair follicle stem cell phenotype in young and aged human skin. *Aging Cell*, **2009**, 8, 738-51	9.9	56
170	Induction of collagen by estradiol: difference between sun-protected and photodamaged human skin in vivo. *Archives of Dermatology*, **2008**, 144, 1129-40		55
169	Heparin-binding epidermal-growth-factor-like growth factor activation of keratinocyte ErbB receptors Mediates epidermal hyperplasia, a prominent side-effect of retinoid therapy. *Journal of Investigative Dermatology*, **2001**, 117, 1335-41	4.3	55
168	Extraction of human epidermis treated with retinol yields retro-retinoids in addition to free retinol and retinyl esters. *Journal of Investigative Dermatology*, **1996**, 107, 178-82	4.3	55
167	Long-term treatment of photoaged human skin with topical retinoic acid improves epidermal cell atypia and thickens the collagen band in papillary dermis. *Journal of the American Academy of Dermatology*, **2005**, 53, 769-74	4.5	53
166	Interleukin-1 in human skin: dysregulation in psoriasis. *Journal of Investigative Dermatology*, **1990**, 95, 24S-26S	4.3	53
165	Effect of continued ultraviolet B phototherapy on the duration of remission of psoriasis: a randomized study. *Journal of the American Academy of Dermatology*, **1986**, 15, 546-52	4.5	53

164	Molecular Mechanisms of Photoaging and its Prevention by Retinoic Acid: Ultraviolet Irradiation Induces MAP Kinase Signal Transduction Cascades that Induce Ap-1-Regulated Matrix Metalloproteinases that Degrade Human Skin In Vivo. *Journal of Investigative Dermatology*, **1998**, 3, 61-68	4.3	53
163	Heterogeneity of inflammatory and cytokine networks in chronic plaque psoriasis. *PLoS ONE*, **2012**, 7, e34594	3.7	52
162	IFN-γ and TNF-α synergism may provide a link between psoriasis and inflammatory atherogenesis. *Scientific Reports*, **2017**, 7, 13831	4.9	51
161	Ultraviolet irradiation-induces epidermal growth factor receptor (EGFR) nuclear translocation in human keratinocytes. *Journal of Cellular Biochemistry*, **2009**, 107, 873-80	4.7	51
160	A randomized, controlled, split-face clinical trial of 1320-nm Nd:YAG laser therapy in the treatment of acne vulgaris. *Journal of the American Academy of Dermatology*, **2007**, 56, 432-8	4.5	50
159	Epidermal growth factor-induced hydrolysis of phosphatidylcholine by phospholipase D and phospholipase C in human dermal fibroblasts. *Journal of Cellular Physiology*, **1991**, 146, 309-17	7	50
158	Psoriasis, T Cells and Autoimmunity. *Journal of the Royal Society of Medicine*, **1996**, 89, 315-319	2.3	49
157	Differential modulation of transforming growth factor-beta 1 expression and mucin deposition by retinoic acid and sodium lauryl sulfate in human skin. *Journal of Investigative Dermatology*, **1992**, 98, 102-8	4.3	49
156	The cyclic AMP system in normal and psoriatic epidermis. *Journal of Investigative Dermatology*, **1972**, 59, 114-20	4.3	48
155	Photoaging therapy with topical tretinoin: an evidence-based analysis. *Journal of the American Academy of Dermatology*, **1998**, 39, S55-61	4.5	46
154	Retinoic acid receptors and binding proteins in human skin. *Journal of Investigative Dermatology*, **1992**, 98, 36S-41S	4.3	46
153	Changes in photo-aged human skin following topical application of all-trans retinoic acid. *Journal of Investigative Dermatology*, **1990**, 95, 510-5	4.3	46
152	Mechanisms of cyclosporine A inhibition of antigen-presenting activity in uninvolved and lesional psoriatic epidermis. *Journal of Investigative Dermatology*, **1990**, 94, 649-56	4.3	46
151	Computer-assisted alignment and tracking of acne lesions indicate that most inflammatory lesions arise from comedones and de novo. *Journal of the American Academy of Dermatology*, **2008**, 58, 603-8	4.5	45
150	Scanning chromosome 17 for psoriasis susceptibility: lack of evidence for a distal 17q locus. *Human Heredity*, **1995**, 45, 219-30	1.1	45
149	Elevated YAP and its downstream targets CCN1 and CCN2 in basal cell carcinoma: impact on keratinocyte proliferation and stromal cell activation. *American Journal of Pathology*, **2014**, 184, 937-943	5.8	44
148	GRO-alpha mRNA is selectively overexpressed in psoriatic epidermis and is reduced by cyclosporin A in vivo, but not in cultured keratinocytes. *Journal of Investigative Dermatology*, **1993**, 101, 767-72	4.3	44
147	Clinical, Histologic, and Molecular Analysis of Differences Between Erythematotelangiectatic Rosacea and Telangiectatic Photoaging. *JAMA Dermatology*, **2015**, 151, 825-36	5.1	43

146	Retinoic acid isomers applied to human skin in vivo each induce a 4-hydroxylase that inactivates only trans retinoic acid. *Journal of Investigative Dermatology*, **1996**, 106, 316-20	4.3	43
145	Oxidative exposure impairs TGF- pathway via reduction of type II receptor and SMAD3 in human skin fibroblasts. *Age*, **2014**, 36, 9623		42
144	Amphiregulin and epidermal hyperplasia: amphiregulin is required to maintain the psoriatic phenotype of human skin grafts on severe combined immunodeficient mice. *American Journal of Pathology*, **2005**, 166, 1009-16	5.8	41
143	The retinoid X receptor agonist 9-cis-retinoic acid and the 24-hydroxylase inhibitor ketoconazole increase activity of 1,25-dihydroxyvitamin D3 in human skin in vivo. *Journal of Investigative Dermatology*, **1997**, 108, 513-8	4.3	40
142	Retinoic acid receptors regulate expression of retinoic acid 4-hydroxylase that specifically inactivates all-trans retinoic acid in human keratinocyte HaCaT cells. *Journal of Investigative Dermatology*, **1998**, 111, 434-9	4.3	40
141	Modulation of epidermal transcription circuits in psoriasis: new links between inflammation and hyperproliferation. *PLoS ONE*, **2013**, 8, e79253	3.7	38
140	Intralesional T-lymphocyte activation as a mediator of psoriatic epidermal hyperplasia. *Journal of Investigative Dermatology*, **1995**, 105, 89S-94S	4.3	38
139	Age-Associated Increase in Skin Fibroblast-Derived Prostaglandin E2 Contributes to Reduced Collagen Levels in Elderly Human Skin. *Journal of Investigative Dermatology*, **2015**, 135, 2181-2188	4.3	37
138	Effect of increased pigmentation on the antifibrotic response of human skin to UV-A1 phototherapy. *Archives of Dermatology*, **2008**, 144, 851-8		37
137	Lack of association between NOD2 3020InsC frameshift mutation and psoriasis. *Journal of Investigative Dermatology*, **2001**, 117, 1671-2	4.3	37
136	Increased expression of stromelysin-3 in basal cell carcinomas. *Molecular Carcinogenesis*, **1994**, 9, 17-23	5	37
135	Failure of reticular erythematous mucinosis to respond to cyclosporine. *Journal of the American Academy of Dermatology*, **1992**, 27, 825-8	4.5	37
134	Age-associated reduction of cellular spreading/mechanical force up-regulates matrix metalloproteinase-1 expression and collagen fibril fragmentation via c-Jun/AP-1 in human dermal fibroblasts. *Aging Cell*, **2014**, 13, 1028-37	9.9	36
133	Cysteine-rich protein 61 (CCN1) mediates replicative senescence-associated aberrant collagen homeostasis in human skin fibroblasts. *Journal of Cellular Biochemistry*, **2012**, 113, 3011-8	4.7	36
132	Expression of catalytically active matrix metalloproteinase-1 in dermal fibroblasts induces collagen fragmentation and functional alterations that resemble aged human skin. *Aging Cell*, **2013**, 12, 661-71	9.9	36
131	All-trans retinoic acid induces cellular retinol-binding protein in human skin in vivo. *Journal of Investigative Dermatology*, **1995**, 105, 80-6	4.3	36
130	Regulation of TGF-alpha expression in human keratinocytes: PKC-dependent and -independent pathways. *Journal of Cellular Physiology*, **1992**, 151, 326-36	7	36
129	In vitro synthesis of 12-hydroxy-eicosatetraenoic acid is increased in uninvolved psoriatic epidermis. *Journal of Investigative Dermatology*, **1986**, 87, 47-52	4.3	36

128	Cellular dissection of psoriasis for transcriptome analyses and the post-GWAS era. *BMC Medical Genomics*, **2014**, 7, 27	3.7	35
127	Retinoids suppress cysteine-rich protein 61 (CCN1), a negative regulator of collagen homeostasis, in skin equivalent cultures and aged human skin in vivo. *Experimental Dermatology*, **2011**, 20, 572-6	4	34
126	Cellular localization of mRNA for cellular retinoic acid-binding protein II and nuclear retinoic acid receptor-gamma 1 in retinoic acid-treated human skin. *Journal of Investigative Dermatology*, **1992**, 99, 146-50	4.3	34
125	Dermal damage promoted by repeated low-level UV-A1 exposure despite tanning response in human skin. *JAMA Dermatology*, **2014**, 150, 401-6	5.1	33
124	Elevated cysteine-rich protein 61 (CCN1) promotes skin aging via upregulation of IL-1 in chronically sun-exposed human skin. *Age*, **2014**, 36, 353-64		33
123	CCN1 contributes to skin connective tissue aging by inducing age-associated secretory phenotype in human skin dermal fibroblasts. *Journal of Cell Communication and Signaling*, **2011**, 5, 201-7	5.2	33
122	UV irradiation induces Snail expression by AP-1 dependent mechanism in human skin keratinocytes. *Journal of Dermatological Science*, **2010**, 60, 105-13	4.3	33
121	Microdermabrasion with and without aluminum oxide crystal abrasion: a comparative molecular analysis of dermal remodeling. *Journal of the American Academy of Dermatology*, **2006**, 54, 405-10	4.5	33
120	Analysis of phenotypic variation in psoriasis as a function of age at onset and family history. *Archives of Dermatological Research*, **2002**, 294, 207-13	3.3	33
119	Comparison of CD271 (adapalene) and all-trans retinoic acid in human skin: dissociation of epidermal effects and CRABP-II mRNA expression. *Journal of Investigative Dermatology*, **1993**, 101, 325-8	4.3	33
118	Cyclosporin A rapidly inhibits epidermal cytokine expression in psoriasis lesions, but not in cytokine-stimulated cultured keratinocytes. *Journal of Investigative Dermatology*, **1993**, 101, 761-6	4.3	33
117	Effects of cyclosporine on immunologic mechanisms in psoriasis. *Journal of the American Academy of Dermatology*, **1990**, 23, 1318-26; discussion 1326-8	4.5	33
116	Long-term radiographic follow-up after isotretinoin therapy. *Journal of the American Academy of Dermatology*, **1988**, 18, 1252-61	4.5	33
115	Solar ultraviolet irradiation induces decorin degradation in human skin likely via neutrophil elastase. *PLoS ONE*, **2013**, 8, e72563	3.7	32
114	Topical fluorouracil for actinic keratoses and photoaging: a clinical and molecular analysis. *Archives of Dermatology*, **2009**, 145, 659-66		32
113	The role of fish oil in psoriasis. A randomized, double-blind, placebo-controlled study to evaluate the effect of fish oil and topical corticosteroid therapy in psoriasis. *International Journal of Dermatology*, **1990**, 29, 591-5	1.7	32
112	Psoriasis drug development and GWAS interpretation through in silico analysis of transcription factor binding sites. *Clinical and Translational Medicine*, **2015**, 4, 13	5.7	31
111	Integrative RNA-seq and microarray data analysis reveals GC content and gene length biases in the psoriasis transcriptome. *Physiological Genomics*, **2014**, 46, 533-46	3.6	31

110	Susceptibility-associated genetic variation at IL12B enhances Th1 polarization in psoriasis. *Human Molecular Genetics*, **2013**, 22, 1807-15	5.6	31
109	Of genes and antigens: the inheritance of psoriasis. *Journal of Investigative Dermatology*, **1994**, 103, 150S-153S	4.3	31
108	Differential regulation of tyrosinase activity in skin of white and black individuals in vivo by topical retinoic acid. *Journal of Investigative Dermatology*, **1993**, 100, 800-5	4.3	31
107	Contribution of plasma cells and B cells to hidradenitis suppurativa pathogenesis. *JCI Insight*, **2020**, 5,	9.9	31
106	Oxidant exposure induces cysteine-rich protein 61 (CCN1) via c-Jun/AP-1 to reduce collagen expression in human dermal fibroblasts. *PLoS ONE*, **2014**, 9, e115402	3.7	30
105	Photodynamic therapy for acne vulgaris: a randomized, controlled, split-face clinical trial of topical aminolevulinic acid and pulsed dye laser therapy. *Journal of Cosmetic Dermatology*, **2010**, 9, 28-34	2.5	29
104	Genetic evidence for involvement of the IL23 pathway in Thai psoriatics. *Archives of Dermatological Research*, **2010**, 302, 139-43	3.3	29
103	Retinoid X receptor-specific ligands synergistically upregulate 1, 25-dihydroxyvitamin D3-dependent transcription in epidermal keratinocytes in vitro and in vivo. *Journal of Investigative Dermatology*, **1997**, 108, 506-12	4.3	29
102	Topical retinoic acid for photoaging: clinical response and underlying mechanisms. *Skin Pharmacology and Physiology*, **1993**, 6 Suppl 1, 70-7	3	29
101	A Review and Update of the Clinical Uses of Cyclosporine in Dermatology. *Dermatologic Clinics*, **1991**, 9, 805-817	4.2	29
100	Papaverine: its effects on cyclic AMP in vitro and psoriasis in vivo. *Journal of Investigative Dermatology*, **1975**, 64, 124-7	4.3	29
99	A mouse model of skin aging: fragmentation of dermal collagen fibrils and reduced fibroblast spreading due to expression of human matrix metalloproteinase-1. *Journal of Dermatological Science*, **2015**, 78, 79-82	4.3	28
98	Intraepidermal erbium:YAG laser resurfacing: impact on the dermal matrix. *Journal of the American Academy of Dermatology*, **2011**, 64, 119-28	4.5	28
97	Spatial-temporal modulation of CCN proteins during wound healing in human skin in vivo. *Journal of Cell Communication and Signaling*, **2011**, 5, 69-80	5.2	28
96	Growth factor and proto-oncogene expression in psoriasis. *Journal of Investigative Dermatology*, **1990**, 95, 7S-9S	4.3	28
95	The female-biased factor VGLL3 drives cutaneous and systemic autoimmunity. *JCI Insight*, **2019**, 4,	9.9	28
94	Endogenous Glucocorticoid Deficiency in Psoriasis Promotes Inflammation and Abnormal Differentiation. *Journal of Investigative Dermatology*, **2017**, 137, 1474-1483	4.3	27
93	Molecular analysis of aggressive microdermabrasion in photoaged skin. *Archives of Dermatology*, **2009**, 145, 1114-22		27

92	Immunopathogenesis and Immunotherapy of Psoriasis. *Dermatologic Clinics*, **1995**, 13, 739-749	4.2	27
91	Molecular mechanisms of photoaging in human skin in vivo and their prevention by all-trans retinoic acid. *Photochemistry and Photobiology*, **1999**, 69, 154-7	3.6	27
90	IFN-□enhances cell-mediated cytotoxicity against keratinocytes via JAK2/STAT1 in lichen planus. *Science Translational Medicine*, **2019**, 11,	17.5	26
89	Increased membrane-associated transglutaminase activity in psoriasis. *Biochemical and Biophysical Research Communications*, **1989**, 164, 219-24	3.4	26
88	Ro 20-1724: an agent that significantly improves psoriatic lesions in double-blind clinical trials. *Journal of Investigative Dermatology*, **1979**, 73, 261-3	4.3	26
87	Exome-wide association study reveals novel psoriasis susceptibility locus at TNFSF15 and rare protective alleles in genes contributing to type I IFN signalling. *Human Molecular Genetics*, **2017**, 26, 4301-4313	5.6	25
86	Psoriasis bench to bedside: genetics meets immunology. *Archives of Dermatology*, **2009**, 145, 462-4		25
85	Liarozole inhibits human epidermal retinoic acid 4-hydroxylase activity and differentially augments human skin responses to retinoic acid and retinol in vivo. *Journal of Investigative Dermatology*, **1996**, 107, 183-7	4.3	25
84	Six-transmembrane epithelial antigens of the prostate comprise a novel inflammatory nexus in patients with pustular skin disorders. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 1217-1227	11.5	24
83	The effects of laser-mediated hair removal on immunohistochemical staining properties of hair follicles. *Journal of the American Academy of Dermatology*, **2006**, 55, 402-7	4.5	24
82	Short-term retinoic acid treatment increases in vivo, but decreases in vitro, epidermal transglutaminase-K enzyme activity and immunoreactivity. *Journal of Investigative Dermatology*, **1992**, 99, 283-8	4.3	24
81	Papaverine and Ro 20-1724 inhibit cyclic nucleotide phosphodiesterase activity and increase cyclic AMP levels in psoriatic epidermis in vitro. *Journal of Investigative Dermatology*, **1978**, 71, 154-6	4.3	24
80	Atrophic and hypertrophic photoaging: Clinical, histologic, and molecular features of 2 distinct phenotypes of photoaged skin. *Journal of the American Academy of Dermatology*, **2019**, 81, 480-488	4.5	23
79	Receptor type protein tyrosine phosphatase-kappa mediates cross-talk between transforming growth factor-beta and epidermal growth factor receptor signaling pathways in human keratinocytes. *Molecular Biology of the Cell*, **2010**, 21, 29-35	3.5	22
78	Human in vivo pharmacology of topical retinoids. *Archives of Dermatological Research*, **1994**, 287, 53-60	3.3	22
77	Fine mapping of eight psoriasis susceptibility loci. *European Journal of Human Genetics*, **2015**, 23, 844-53	5.3	21
76	Direct quantitative comparison of molecular responses in photodamaged human skin to fractionated and fully ablative carbon dioxide laser resurfacing. *Dermatologic Surgery*, **2012**, 38, 1668-77	1.7	21
75	CARD15 mutations in patients with plaque-type psoriasis and psoriatic arthritis: lack of association. *Archives of Dermatological Research*, **2006**, 297, 409-11	3.3	20

74	Urticaria pigmentosa responsive to nifedipine. *Journal of the American Academy of Dermatology*, **1984**, 11, 740-3	4.5	20
73	Phosphatidic acid and phospholipase D both stimulate phosphoinositide turnover in cultured human keratinocytes. *Cellular Signalling*, **1993**, 5, 787-94	4.9	19
72	Interactions of epidermal cells and T cells in inflammatory skin diseases. *Journal of the American Academy of Dermatology*, **1990**, 23, 1312-6; discussion 1316-7	4.5	19
71	Etretinate therapy stimulates deposition of mucus-like material in epidermis of patients with psoriasis. *Journal of the American Academy of Dermatology*, **1982**, 6, 699-704	4.5	19
70	Receptor-type protein tyrosine phosphatase beta (RPTP-beta) directly dephosphorylates and regulates hepatocyte growth factor receptor (HGFR/Met) function. *Journal of Biological Chemistry*, **2011**, 286, 15980-8	5.4	18
69	Immunological mechanisms involved in psoriasis. *Seminars in Immunopathology*, **1992**, 13, 441-54		18
68	Smad3-dependent regulation of type I collagen in human dermal fibroblasts: Impact on human skin connective tissue aging. *Journal of Dermatological Science*, **2016**, 83, 80-3	4.3	17
67	Matrix Metalloproteinase-1 is the Major Collagenolytic Enzyme Responsible for Collagen Damage in UV-irradiated Human Skin¶. *Photochemistry and Photobiology*, **2007**, 78, 43-48	3.6	17
66	Variations in the HCR (Pg8) gene are unlikely to be causal for familial psoriasis. *Journal of Investigative Dermatology*, **2001**, 116, 823-4	4.3	17
65	Cyclosporine A in the treatment of psoriasis: a clinical and mechanistic perspective. *Journal of Investigative Dermatology*, **1990**, 95, 53S-55S	4.3	17
64	Increased muscle tone during etretinate therapy. *Journal of the American Academy of Dermatology*, **1986**, 14, 907-9	4.5	17
63	IL-17 Responses Are the Dominant Inflammatory Signal Linking Inverse, Erythrodermic, and Chronic Plaque Psoriasis. *Journal of Investigative Dermatology*, **2016**, 136, 2498-2501	4.3	17
62	Lack of evidence for activation of the hedgehog pathway in psoriasis. *Journal of Investigative Dermatology*, **2009**, 129, 635-40	4.3	16
61	Retinoid induction of CRABP II mRNA in human dermal fibroblasts: use as a retinoid bioassay. *Journal of Investigative Dermatology*, **1996**, 106, 517-21	4.3	16
60	Reduced cell cohesiveness of outgrowths from eccrine sweat glands delays wound closure in elderly skin. *Aging Cell*, **2016**, 15, 842-52	9.9	16
59	Psoriasis: Past, Present, and Future. *Journal of Investigative Dermatology*, **2019**, 139, e133-e142	4.3	15
58	Effect of carbon dioxide laser resurfacing on epidermal p53 immunostaining in photodamaged skin. *Archives of Dermatology*, **2004**, 140, 1073-7		15
57	Topical all-trans retinoic acid (RA) induces an early, coordinated increase in RA-inducible skin-specific gene/psoriasin and cellular RA-binding protein II mRNA levels which precedes skin erythema. *Archives of Dermatological Research*, **1996**, 288, 664-9	3.3	15

56	CD26 Identifies a Subpopulation of Fibroblasts that Produce the Majority of Collagen during Wound Healing in Human Skin. *Journal of Investigative Dermatology*, **2020**, 140, 2515-2524.e3	4.3	14
55	Actin cytoskeleton assembly regulates collagen production via TGF-β type II receptor in human skin fibroblasts. *Journal of Cellular and Molecular Medicine*, **2018**, 22, 4085-4096	5.6	14
54	Impaired keratinocyte function on matrix metalloproteinase-1 (MMP-1) damaged collagen. *Archives of Dermatological Research*, **2009**, 301, 497-506	3.3	13
53	Retinoic acid receptor-gamma in human epidermis preferentially traps all-trans retinoic acid as its ligand rather than 9-cis retinoic acid. *Journal of Investigative Dermatology*, **1998**, 110, 297-300	4.3	13
52	Filaggrin R501X and 2282del4 mutations are not associated with chronic plaque-type psoriasis in a German cohort. *Journal of Investigative Dermatology*, **2007**, 127, 1535-7	4.3	13
51	Notch and TGF-β pathways cooperatively regulate receptor protein tyrosine phosphatase-κ (PTPRK) gene expression in human primary keratinocytes. *Molecular Biology of the Cell*, **2015**, 26, 1199-206	3.5	12
50	Receptor-type Protein tyrosine phosphatase κ regulates met phosphorylation and function in head and neck squamous cell carcinoma. *Neoplasia*, **2012**, 14, 1015-22	6.4	12
49	Hypo-collagenesis in photoaged skin predicts response to anti-aging cosmeceuticals. *Journal of Cosmetic Dermatology*, **2013**, 12, 108-15	2.5	12
48	Keratinocyte-specific retinoid regulation of human cellular retinoic acid binding protein-II (hCRABPII) gene promoter requires an evolutionarily conserved DR1 retinoic acid-responsive element. *Journal of Investigative Dermatology*, **1998**, 111, 1109-15	4.3	11
47	Retinoic acid induces expression of PA-FABP (psoriasis-associated fatty acid-binding protein) gene in human skin in vivo but not in cultured skin cells. *Experimental Dermatology*, **1994**, 3, 212-8	4	11
46	Langerhans cell sensitivity to in vitro versus in vivo loading with cyclosporine A. *Journal of Investigative Dermatology*, **1992**, 98, 259-61	4.3	11
45	The use of sulfasalazine in atrophie blanche. *International Journal of Dermatology*, **1990**, 29, 663-5	1.7	10
44	Etretinate Improves Localized Porokeratosis of Mibelli. *International Journal of Dermatology*, **1985**, 24, 261-265	1.7	10
43	Cutaneous angiitis (vasculitis). *International Journal of Dermatology*, **1978**, 17, 105-13	1.7	10
42	Causal Relationship and Shared Genetic Loci between Psoriasis and Type 2 Diabetes through Trans-Disease Meta-Analysis. *Journal of Investigative Dermatology*, **2021**, 141, 1493-1502	4.3	10
41	Perioral wrinkles are associated with female gender, aging, and smoking: Development of a gender-specific photonumeric scale. *Journal of the American Academy of Dermatology*, **2016**, 74, 924-30	4.5	10
40	S100A2 coding sequence polymorphism: characterization and lack of association with psoriasis. *Clinical and Experimental Dermatology*, **2001**, 26, 79-83	1.8	9
39	Transforming growth factor-beta in psoriasis. Pathogenesis and therapy. *Annals of the New York Academy of Sciences*, **1990**, 593, 218-30	6.5	9

38	A new syndrome of axial muscle rigidity associated with etretinate therapy. *Movement Disorders*, **1988**, 3, 70-6	7	9
37	Retinoids in the Treatment of Psoriasis: Monotherapy and Combinations. *Dermatologic Clinics*, **1984**, 2, 439-454	4.2	9
36	Review of Historical Street Dust and Dirt Accumulation and Washoff Data. *Journal of Water Management Modeling*, **2005**,		9
35	The aging face: a psychocutaneous perspective. *The Journal of Dermatologic Surgery and Oncology*, **1990**, 16, 902-4		8
34	Proliferative epidermis of essential fatty acid deficient mice has reduced cyclic AMP content. *British Journal of Dermatology*, **1979**, 101, 33-8	4	8
33	Retinoids in dermatology. *Mayo Clinic Proceedings*, **1987**, 62, 1161-4	6.4	7
32	Possible Contribution of Fibrocytes to Increased Type I Collagen Synthesis during the Early Stage of Dermal Wound Repair in Human Skin. *Journal of Investigative Dermatology*, **2018**, 138, 240-242	4.3	6
31	Retinoic acid 4-hydroxylase inducibility and clinical response to isotretinoin in patients with acne. *Journal of the American Academy of Dermatology*, **2009**, 61, 252-8	4.5	6
30	Etretinate therapy reduces inpatient treatment of psoriasis. *Journal of the American Academy of Dermatology*, **1987**, 17, 787-91	4.5	6
29	Regulation of epidermal proliferation and differentiation in psoriasis. *Journal of Dermatology*, **1978**, 5, 241-55	1.6	6
28	Integrative Approach to Reveal Cell Type Specificity and Gene Candidates for Psoriatic Arthritis Outside the MHC. *Frontiers in Genetics*, **2019**, 10, 304	4.5	5
27	Physical properties of the photodamaged human skin dermis: Rougher collagen surface and stiffer/harder mechanical properties. *Experimental Dermatology*, **2019**, 28, 914-921	4	5
26	Dohi Memorial Lecture. Psoriasis--an immunological disease. *Journal of Dermatology*, **1996**, 23, 851-7	1.6	5
25	Cytokine responses in nonlesional psoriatic skin as clinical predictor to anti-TNF agents. *Journal of Allergy and Clinical Immunology*, **2021**,	11.5	5
24	A single SNP surrogate for genotyping HLA-C*06:02 in diverse populations. *Journal of Investigative Dermatology*, **2015**, 135, 1177-1180	4.3	4
23	Transcriptional determinants of individualized inflammatory responses at anatomically separate sites. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 805-808	11.5	3
22	Etretinate improves localized porokeratosis of Mibelli. *International Journal of Dermatology*, **1985**, 24, 261-3	1.7	3
21	Short-term and long-term considerations in the management of psoriasis with retinoids. *Dermatology*, **1987**, 175 Suppl 1, 100-6	4.4	3

20	Rejuvenation of Aged Human Skin by Injection of Cross-linked Hyaluronic Acid. *Plastic and Reconstructive Surgery*, **2021**, 147, 43S-49S	2.7	3
19	Retinoid Therapy for Photoaging **2006**, 143-156		3
18	Cyclooxygenases mediate early induction of interleukin-6 expression by solar ultraviolet irradiation in human skin. *Journal of Dermatological Science*, **2017**, 87, 201-203	4.3	2
17	The MHC Genes in Psoriasis. *Current Genomics*, **2005**, 6, 39-43	2.6	2
16	Molecular and clinical pharmacology of psoriasis. *Clinical Pharmacology and Therapeutics*, **1974**, 16, 919-26	6.1	2
15	Infrared irradiation differentially alters collagen metabolism in lightly and darkly pigmented human skin in vivo. *Journal of Dermatological Science*, **2016**, 82, 212-4	4.3	2
14	Dermal Fibroblast CCN1 Expression in Mice Recapitulates Human Skin Dermal Aging. *Journal of Investigative Dermatology*, **2021**, 141, 1007-1016	4.3	2
13	IRAK2 Has a Critical Role in Promoting Feed-Forward Amplification of Epidermal Inflammatory Responses. *Journal of Investigative Dermatology*, **2021**, 141, 2436-2448	4.3	2
12	Identification of dihydrogambogic acid as a matrix metalloproteinase 1 inhibitor by high-throughput screening. *Clinical, Cosmetic and Investigational Dermatology*, **2017**, 10, 499-502	2.9	1
11	Dietary Fish Oil Supplementation Enhances Expression of Genes Involved in Cornified Cell Envelope Formation in Rat Skin. *Journal of Investigative Dermatology*, **2018**, 138, 981-983	4.3	1
10	Prostaglandins Contribute to the Effects of Solar Ultraviolet Irradiation on Type I Collagen and Matrix Metalloproteinase-1 Expression in Human Skin. *Journal of Investigative Dermatology*, **2016**, 136, 2105-2107	4.3	1
9	Vitamin A: Retinoids and the Treatment of Aging Skin **2013**, 81-93		1
8	Aging and Photoaging of the Skin **2010**, 705-716		1
7	Combined segregation and linkage analysis of HLA markers in familial psoriasis. *European Journal of Human Genetics*, **2002**, 10, 327-33	5.3	1
6	Reply to Leder and Hodge. *American Journal of Human Genetics*, **1999**, 64, 896-897	11	1
5	Autoimmunity. *International Journal of Dermatology*, **1981**, 20, 642-6	1.7	1
4	Topical Retinol Restores Type I Collagen Production in Photoaged Forearm Skin within Four Weeks. *Cosmetics*, **2016**, 3, 35	2.7	1
3	Negative perceptions and emotional impact of striae gravidarum among pregnant women.. *International Journal of Women's Dermatology*, **2021**, 7, 685-691	2	0

2	Transethnic analysis of psoriasis susceptibility in South Asians and Europeans enhances fine-mapping in the MHC and genomewide.. *Human Genetics and Genomics Advances*, **2022**, 3, 100069-100069	0.8	0
1	Etretinate therapy reduces inpatient treatment of psoriasis. *Journal of the American Academy of Dermatology*, **1988**, 19, 191-196	4.5	