Jouni Uitto

List of Publications by Year in Descending Order

827 papers	38,650 citations	100 h-index	148 g-index
886 ext. papers	42,173 ext. citations	4.8 avg, IF	7.05 L-index

#	Paper	IF	Citations
827	Novel splice mutation in cdsn gene causing type B peeling skin syndrome.. *Journal of the European Academy of Dermatology and Venereology*, **2022**,	4.6	0
826	Inhibition of the DNA Damage Response Attenuates Ectopic Calcification in Pseudoxanthoma Elasticum.. *Journal of Investigative Dermatology*, **2022**,	4.3	2
825	Inorganic pyrophosphate deficiency syndromes and potential treatments for pathologic tissue calcification.. *American Journal of Pathology*, **2022**,	5.8	5
824	Losartan treatment improves recessive dystrophic epidermolysis bullosa: A case series.. *Dermatologic Therapy*, **2022**, e15515	2.2	0
823	Comment on "Clinical practice guidelines for pseudoxanthoma elasticum (2017)": The importance of mutation analysis.. *Journal of Dermatology*, **2022**,	1.6	
822	ENPP1 variants in patients with GACI and PXE expand the clinical and genetic heterogeneity of heritable disorders of ectopic calcification.. *PLoS Genetics*, **2022**, 18, e1010192	6	3
821	Genetic heterogeneity of heritable ectopic mineralization disorders in a large international cohort.. *Genetics in Medicine*, **2021**,	8.1	2
820	Oral supplementation of inorganic pyrophosphate in pseudoxanthoma elasticum. *Experimental Dermatology*, **2021**,	4	4
819	Systemic CXCL10 is a predictive biomarker of vitiligo lesional skin infiltration, PUVA, NB-UVB and corticosteroid treatment response and outcome. *Archives of Dermatological Research*, **2021**, 1	3.3	4
818	Dynamics and Emerging Trends in Genodermatology: A Scientometric Analysis. *International Journal of Dermatology and Venereology*, **2021**, 4, 67-69	0.5	
817	Kindler epidermolysis bullosa-like skin phenotype and downregulated basement membrane zone gene expression in poikiloderma with neutropenia and a homozygous USB1 mutation. *Matrix Biology*, **2021**, 99, 43-57	11.4	0
816	Homozygous ITGA3 Missense Mutation in Adults in a Family with Syndromic Epidermolysis Bullosa (ILNEB) without Pulmonary Involvement. *Journal of Investigative Dermatology*, **2021**, 141, 2752-2756	4.3	3
815	Whole-Transcriptome Analysis by RNA Sequencing for Genetic Diagnosis of Mendelian Skin Disorders in the Context of Consanguinity. *Clinical Chemistry*, **2021**, 67, 876-888	5.5	4
814	Genetic Predisposition to Numerous Large Ulcerating Basal Cell Carcinomas and Response to Immune Therapy. *International Journal of Dermatology and Venereology*, **2021**, 4, 70-75	0.5	2
813	The utility of dermal fibroblasts in treatment of skin disorders: A paradigm of recessive dystrophic epidermolysis bullosa. *Dermatologic Therapy*, **2021**, 34, e15028	2.2	0
812	Interpretation of genomic sequence variants in heritable skin diseases: A primer for clinicians. *Journal of the American Academy of Dermatology*, **2021**,	4.5	1
811	Knockdown of SDR9C7 Impairs Epidermal Barrier Function. *Journal of Investigative Dermatology*, **2021**, 141, 1754-1764.e1	4.3	2

810	Humans with inherited T cell CD28 deficiency are susceptible to skin papillomaviruses but are otherwise healthy. *Cell*, **2021**, 184, 3812-3828.e30	56.2	18
809	Heterogeneous addiction to transforming growth factor-beta signalling in recessive dystrophic epidermolysis bullosa-associated cutaneous squamous cell carcinoma. *British Journal of Dermatology*, **2021**, 184, 697-708	4	3
808	GGCX mutations in a patient with overlapping pseudoxanthoma elasticum/cutis laxa-like phenotype. *British Journal of Dermatology*, **2021**, 184, 1170-1174	4	0
807	Keloid disorder: Fibroblast differentiation and gene expression profile in fibrotic skin diseases. *Experimental Dermatology*, **2021**, 30, 132-145	4	10
806	Losartan for treatment of epidermolysis bullosa: A new perspective. *Dermatologic Therapy*, **2021**, 34, e14638	2.2	2
805	Molecular Genetics and Modifier Genes in Pseudoxanthoma Elasticum, a Heritable Multisystem Ectopic Mineralization Disorder. *Journal of Investigative Dermatology*, **2021**, 141, 1148-1156	4.3	10
804	Pioneers in Dermatology and Venereology: an Interview with Professor Jouni Uitto. *Journal of the European Academy of Dermatology and Venereology*, **2021**, 35, 569-571	4.6	
803	A phytic acid analogue INS-3001 prevents ectopic calcification in an Abcc6 mouse model of pseudoxanthoma elasticum. *Experimental Dermatology*, **2021**, 30, 853-858	4	1
802	Development of the BioHybrid Assay: Combining Primary Human Vascular Smooth Muscle Cells and Blood to Measure Vascular Calcification Propensity. *Cells*, **2021**, 10,	7.9	1
801	Ancestral patterns of recessive dystrophic epidermolysis bullosa mutations in Hispanic populations suggest sephardic ancestry. *American Journal of Medical Genetics, Part A*, **2021**, 185, 3390-3400	2.5	
800	Functional Assessment of Missense Variants in the ABCC6 Gene Implicated in Pseudoxanthoma Elasticum, a Heritable Ectopic Mineralization Disorder. *Journal of Investigative Dermatology*, **2021**,	4.3	2
799	Lack of efficacy of dupilumab in the treatment of keloid disorder. *Journal of the European Academy of Dermatology and Venereology*, **2021**,	4.6	2
798	Very-Early-Onset Inflammatory Bowel Disease in a Patient With Junctional Epidermolysis Bullosa With a Homozygous Mutation in the β4 Integrin Gene (ITGA6). *Inflammatory Bowel Diseases*, **2021**, 27, 1865-1869	4.5	
797	Novel PTCH1 and concurrent TP53 mutations in four patients with numerous non-syndromic basal cell carcinomas: The paradigm of oncogenic synergy. *Experimental Dermatology*, **2021**,	4	1
796	Arrhythmogenic right ventricular cardiomyopathy in patients with biallelic JUP-associated skin fragility. *Scientific Reports*, **2020**, 10, 21622	4.9	3
795	Research Techniques Made Simple: Whole-Transcriptome Sequencing by RNA-Seq for Diagnosis of Monogenic Disorders. *Journal of Investigative Dermatology*, **2020**, 140, 1117-1126.e1	4.3	15
794	Homozygous IL1RN Mutation in Siblings with Deficiency of Interleukin-1 Receptor Antagonist (DIRA). *Journal of Clinical Immunology*, **2020**, 40, 637-642	5.7	2
793	Overview on Keloid Disorder: Phenotypic Spectrum, Connective Tissue Pathology, and Treatment Development. *International Journal of Dermatology and Venereology*, **2020**, 3, 97-103	0.5	0

792	Association of MTHFR C677T polymorphism with elevated homocysteine level and disease development in vitiligo. *International Journal of Immunogenetics*, **2020**, 47, 342-350	2.3	7
791	Genomics-based treatment in a patient with two overlapping heritable skin disorders: Epidermolysis bullosa and acrodermatitis enteropathica. *Human Mutation*, **2020**, 41, 906-912	4.7	7
790	The matriptase-prostasin proteolytic cascade in dermatologic diseases. *Experimental Dermatology*, **2020**, 29, 580-587	4	3
789	Molecular Therapeutics in Development for Epidermolysis Bullosa: Update 2020. *Molecular Diagnosis and Therapy*, **2020**, 24, 299-309	4.5	26
788	Kidney Stones are Prevalent in Individuals with Pseudoxanthoma Elasticum, a Genetic Ectopic Mineralization Disorder.. *International Journal of Dermatology and Venereology*, **2020**, 3, 198-204	0.5	1
787	Molecular Genetics of Keratinization Disorders - WhatIs New About Ichthyosis. *Acta Dermato-Venereologica*, **2020**, 100, adv00095	2.2	9
786	Therapeutics Development for Pseudoxanthoma Elasticum and Related Ectopic Mineralization Disorders: Update 2020. *Journal of Clinical Medicine*, **2020**, 10,	5.1	10
785	Meeting Report: The First Global Congress on Epidermolysis Bullosa, EB2020 London: Toward Treatment and Cure. *Journal of Investigative Dermatology*, **2020**, 140, 1681-1687	4.3	8
784	Clinical Challenge and Call for Research on Keloid Disorder: Meeting Report from The 3rd International Keloid Research Foundation Symposium, Beijing 2019. *Journal of Investigative Dermatology*, **2020**, 140, 515-518	4.3	4
783	Meeting Report of the 4th Annual Meeting of the Chinese Society for Investigative Dermatology: Reflections on the Rise of Cutaneous Biology Research in China. *Journal of Investigative Dermatology*, **2020**, 140, 729-732.e4	4.3	1
782	Atherogenic Diet Accelerates Ectopic Mineralization in a Mouse Model of Pseudoxanthoma Elasticum. *International Journal of Dermatology and Venereology*, **2020**, 3, 91-96	0.5	1
781	Increased level of cathelicidin (LL-37) in vitiligo: Possible pathway independent from vitamin D receptor gene polymorphism. *Experimental Dermatology*, **2020**, 29, 1176-1185	4	2
780	Consensus reclassification of inherited epidermolysis bullosa and other disorders with skin fragility. *British Journal of Dermatology*, **2020**, 183, 614-627	4	179
779	Multidisciplinary care of epidermolysis bullosa during the COVID-19 pandemic-Consensus: Recommendations by an international panel of experts. *Journal of the American Academy of Dermatology*, **2020**, 83, 1222-1224	4.5	5
778	Aberrant recruitment of leukocytes defines poor wound healing in patients with recessive dystrophic epidermolysis bullosa. *Journal of Dermatological Science*, **2020**, 100, 209-216	4.3	3
777	Coronavirus disease 2019 and epidermolysis bullosa: Report of three cases. *Dermatologic Therapy*, **2020**, 33, e14194	2.2	3
776	Keratitis-ichthyosis-deafness syndrome: Phenotypic heterogeneity and treatment perspective of patients with p.Asp50Asn GJB2 mutation. *Dermatologic Therapy*, **2020**, 33, e14493	2.2	2
775	Mycophenolate mofetil treatment of an H syndrome patient with a SLC29A3 mutation. *Dermatologic Therapy*, **2020**, 33, e14375	2.2	2

774	Genotype-phenotype correlation in a large English cohort of patients with autosomal recessive ichthyosis. *British Journal of Dermatology*, **2020**, 182, 729-737	4	19
773	Epidermolysis bullosa: diagnostic guidelines in the laboratory setting. *British Journal of Dermatology*, **2020**, 182, 526-527	4	1
772	Linear basal cell nevus with a novel mosaic PTCH1 mutation. *Experimental Dermatology*, **2020**, 29, 531-534	4	
771	Widespread aplasia cutis congenita in sibs with PLEC1 and ITGB4 variants. *American Journal of Medical Genetics, Part A*, **2019**, 179, 1547-1555	2.5	2
770	Marcel F. Jonkman, MD, PhD (1957–2019). *Journal of Investigative Dermatology*, **2019**, 139, 982-983	4.3	
769	Reply to Van Gils and Vanakker. *Journal of Investigative Dermatology*, **2019**, 139, 1600-1601	4.3	
768	Inherited non-alcoholic fatty liver disease and dyslipidemia due to monoallelic ABHD5 mutations. *Journal of Hepatology*, **2019**, 71, 366-370	13.4	29
767	Adenovirus-Mediated ABCC6 Gene Therapy for Heritable Ectopic Mineralization Disorders. *Journal of Investigative Dermatology*, **2019**, 139, 1254-1263	4.3	11
766	A CIB1 Splice-Site Founder Mutation in Families with Typical Epidermodysplasia Verruciformis. *Journal of Investigative Dermatology*, **2019**, 139, 1195-1198	4.3	10
765	Biallelic KRT5 mutations in autosomal recessive epidermolysis bullosa simplex, including a complete human keratin 5 "knock-out". *Matrix Biology*, **2019**, 83, 48-59	11.4	8
764	Assessment of the risk and characterization of non-melanoma skin cancer in Kindler syndrome: study of a series of 91 patients. *Orphanet Journal of Rare Diseases*, **2019**, 14, 183	4.2	9
763	Quantitative Trait Locus and Integrative Genomics Revealed Candidate Modifier Genes for Ectopic Mineralization in Mouse Models of Pseudoxanthoma Elasticum. *Journal of Investigative Dermatology*, **2019**, 139, 2447-2457.e7	4.3	12
762	Hypotrichosis with juvenile macular dystrophy: Combination of whole-genome sequencing and genome-wide homozygosity mapping identifies a large deletion in CDH3 initially undetected by whole-exome sequencing-A lesson from next-generation sequencing. *Molecular Genetics & Genomic Medicine*, **2019**, 7, e975	2.3	5
761	Applications of Spherical Nucleic Acid Nanoparticles as Delivery Systems. *Trends in Molecular Medicine*, **2019**, 25, 1066-1079	11.5	28
760	Inherited Interleukin 2-Inducible T-Cell (ITK) Kinase Deficiency in Siblings With Epidermodysplasia Verruciformis and Hodgkin Lymphoma. *Clinical Infectious Diseases*, **2019**, 68, 1938-1941	11.6	15
759	Toward treatment and cure of epidermolysis bullosa. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**,	11.5	12
758	Pseudoxanthoma elasticum: Dermoscopy and mutation analysis. *Australasian Journal of Dermatology*, **2019**, 60, e156-e158	1.3	1
757	Phenotypic Spectrum of Epidermolysis Bullosa: The Paradigm of Syndromic versus Non-Syndromic Skin Fragility Disorders. *Journal of Investigative Dermatology*, **2019**, 139, 522-527	4.3	30

756	Autosomal recessive congenital ichthyosis: Genomic landscape and phenotypic spectrum in a cohort of 125 consanguineous families. *Human Mutation*, **2019**, 40, 288-298	4.7	21
755	Pseudoxanthoma Elasticum as a Paradigm of Heritable Ectopic Mineralization Disorders: Pathomechanisms and Treatment Development. *American Journal of Pathology*, **2019**, 189, 216-225	5.8	37
754	A novel autosomal recessive GJB2-associated disorder: Ichthyosis follicularis, bilateral severe sensorineural hearing loss, and punctate palmoplantar keratoderma. *Human Mutation*, **2019**, 40, 217-229	4.7	6
753	Inhibition of Tissue-Nonspecific Alkaline Phosphatase Attenuates Ectopic Mineralization in the Abcc6 Mouse Model of PXE but Not in the Enpp1 Mutant Mouse Models of GACI. *Journal of Investigative Dermatology*, **2019**, 139, 360-368	4.3	31
752	Mutations in PLOD3, encoding lysyl hydroxylase 3, cause a complex connective tissue disorder including recessive dystrophic epidermolysis bullosa-like blistering phenotype with abnormal anchoring fibrils and type VII collagen deficiency. *Matrix Biology*, **2019**, 81, 91-106	11.4	28
751	Epidermodysplasia Verruciformis: Genetic Heterogeneity and EVER1 and EVER2 Mutations Revealed by Genome-Wide Analysis. *Journal of Investigative Dermatology*, **2019**, 139, 241-244	4.3	11
750	Trauma-Induced Nanohydroxyapatite Deposition in Skeletal Muscle is Sufficient to Drive Heterotopic Ossification. *Calcified Tissue International*, **2019**, 104, 411-425	3.9	8
749	Pachyonychia congenita: a case report of a successful treatment with rosuvastatin in a patient with a KRT6A mutation. *British Journal of Dermatology*, **2019**, 181, 584-586	4	12
748	Genome-wide single nucleotide polymorphism-based autozygosity mapping facilitates identification of mutations in consanguineous families with epidermolysis bullosa. *Experimental Dermatology*, **2019**, 28, 1118-1121	4	13
747	Seven novel COL7A1 mutations identified in patients with recessive dystrophic epidermolysis bullosa from Mexico. *Clinical and Experimental Dermatology*, **2018**, 43, 579-584	1.8	4
746	Epidermolysis bullosa: Molecular pathology of connective tissue components in the cutaneous basement membrane zone. *Matrix Biology*, **2018**, 71-72, 313-329	11.4	53
745	EB2017-Progress in Epidermolysis Bullosa Research toward Treatment and Cure. *Journal of Investigative Dermatology*, **2018**, 138, 1010-1016	4.3	30
744	First report of COL7A1 mutations in two patients with recessive dystrophic epidermolysis bullosa from Peru. *Clinical and Experimental Dermatology*, **2018**, 43, 719-722	1.8	1
743	The Conundrum of Allogeneic Bone Marrow Transplantation for Epidermolysis Bullosa. *Journal of Investigative Dermatology*, **2018**, 138, 1029-1031	4.3	1
742	Erythrokeratoderma: a manifestation associated with multiple types of ichthyoses with different gene defects. *British Journal of Dermatology*, **2018**, 178, e219-e221	4	3
741	The human CIB1-EVER1-EVER2 complex governs keratinocyte-intrinsic immunity to β-papillomaviruses. *Journal of Experimental Medicine*, **2018**, 215, 2289-2310	16.6	56
740	The genetic basis of hyaline fibromatosis syndrome in patients from a consanguineous background: a case series. *BMC Medical Genetics*, **2018**, 19, 87	2.1	3
739	Epidermodysplasia Verruciformis: Inborn Errors of Immunity to Human Beta-Papillomaviruses. *Frontiers in Microbiology*, **2018**, 9, 1222	5.7	32

738	Next generation sequencing identifies double homozygous mutations in two distinct genes (EXPH5 and COL17A1) in a patient with concomitant simplex and junctional epidermolysis bullosa. *Human Mutation*, **2018**, 39, 1349-1354	4.7	19
737	Research Techniques Made Simple: Genome-Wide Homozygosity/Autozygosity Mapping Is a Powerful Tool for Identifying Candidate Genes in Autosomal Recessive Genetic Diseases. *Journal of Investigative Dermatology*, **2018**, 138, 1893-1900	4.3	24
736	Etidronate prevents, but does not reverse, ectopic mineralization in a mouse model of pseudoxanthoma elasticum ( ). *Oncotarget*, **2018**, 9, 30721-30730	3.3	20
735	Recessive mutation in tetraspanin CD151 causes Kindler syndrome-like epidermolysis bullosa with multi-systemic manifestations including nephropathy. *Matrix Biology*, **2018**, 66, 22-33	11.4	39
734	Heritable Ectopic Mineralization Disorders: Pathomechanisms and Potential Treatment. *Journal of Investigative Dermatology Symposium Proceedings*, **2018**, 19, S106-S107	1.1	1
733	Precision Medicine for Heritable Skin Diseases-The Paradigm of Epidermolysis Bullosa. *Journal of Investigative Dermatology Symposium Proceedings*, **2018**, 19, S74-S76	1.1	2
732	Zebrafish Models of Ectopic Mineralization-The Paradigm of Pseudoxanthoma Elasticum. *Journal of Investigative Dermatology*, **2018**, 138, 2301-2304	4.3	4
731	Filaggrin 2 Deficiency Results in Abnormal Cell-Cell Adhesion in the Cornified Cell Layers and Causes Peeling Skin Syndrome Type A. *Journal of Investigative Dermatology*, **2018**, 138, 1736-1743	4.3	23
730	Abcc6 Knockout Rat Model Highlights the Role of Liver in PPi Homeostasis in Pseudoxanthoma Elasticum. *Journal of Investigative Dermatology*, **2017**, 137, 1025-1032	4.3	36
729	Misbalanced CXCL12 and CCL5 Chemotactic Signals in Vitiligo Onset and Progression. *Journal of Investigative Dermatology*, **2017**, 137, 1126-1134	4.3	33
728	Gene-Targeted Next-Generation Sequencing Identifies a Novel CLDN1 Mutation in a Consanguineous Family With NISCH Syndrome. *American Journal of Gastroenterology*, **2017**, 112, 396-398	9.7	6
727	Phenotypic spectrum of autosomal recessive congenital ichthyosis due to PNPLA1 mutation. *British Journal of Dermatology*, **2017**, 177, 319-322	4	11
726	Amlexanox Enhances Premature Termination Codon Read-Through in COL7A1 and Expression of Full Length Type VII Collagen: Potential Therapy for Recessive Dystrophic Epidermolysis Bullosa. *Journal of Investigative Dermatology*, **2017**, 137, 1842-1849	4.3	52
725	Insights into Pathomechanisms and Treatment Development in Heritable Ectopic Mineralization Disorders: Summary of the PXE International Biennial Research Symposium-2016. *Journal of Investigative Dermatology*, **2017**, 137, 790-795	4.3	25
724	A novel mutation in ST14 at a functionally significant amino acid residue expands the spectrum of ichthyosis-hypotrichosis syndrome. *Orphanet Journal of Rare Diseases*, **2017**, 12, 176	4.2	5
723	Hyaline Fibromatosis Syndrome: A Novel Mutation and Recurrent Founder Mutation in the CMG2/ANTXR2 Gene. *Acta Dermato-Venereologica*, **2017**, 97, 108-109	2.2	8
722	Multigene Next-Generation Sequencing Panel Identifies Pathogenic Variants in Patients with Unknown Subtype of Epidermolysis Bullosa: Subclassification with Prognostic Implications. *Journal of Investigative Dermatology*, **2017**, 137, 2649-2652	4.3	23
721	Expanding mutation landscape and phenotypic spectrum of autosomal recessive congenital ichthyosis. *British Journal of Dermatology*, **2017**, 177, 342-343	4	

720	Autosomal recessive congenital ichthyosis: CERS3 mutations identified by a next generation sequencing panel targeting ichthyosis genes. *European Journal of Human Genetics*, **2017**, 25, 1282-1285	5.3	14
719	Pro-Inflammatory Chemokines and Cytokines Dominate the Blister Fluid Molecular Signature in Patients with Epidermolysis Bullosa and Affect Leukocyte and Stem Cell Migration. *Journal of Investigative Dermatology*, **2017**, 137, 2298-2308	4.3	15
718	Plasma PPi Deficiency Is the Major, but Not the Exclusive, Cause of Ectopic Mineralization in an Abcc6 Mouse Model of PXE. *Journal of Investigative Dermatology*, **2017**, 137, 2336-2343	4.3	33
717	Molecular Dynamics Simulation of the Consequences of a PYCR1 Mutation (p.Ala189Val) in Patients with Complex Connective Tissue Disorder and Severe Intellectual Disability. *Journal of Investigative Dermatology*, **2017**, 137, 525-528	4.3	4
716	Calpain 12 Function Revealed through the Study of an Atypical Case of Autosomal Recessive Congenital Ichthyosis. *Journal of Investigative Dermatology*, **2017**, 137, 385-393	4.3	14
715	Dystrophic Epidermolysis Bullosa: COL7A1 Mutation Landscape in a Multi-Ethnic Cohort of 152 Extended Families with High Degree of Customary Consanguineous Marriages. *Journal of Investigative Dermatology*, **2017**, 137, 660-669	4.3	34
714	Molecular pathology of the basement membrane zone in heritable blistering diseases:: The paradigm of epidermolysis bullosa. *Matrix Biology*, **2017**, 57-58, 76-85	11.4	44
713	Gene-Targeted Next Generation Sequencing Identifies PNPLA1 Mutations in Patients with a Phenotypic Spectrum of Autosomal Recessive Congenital Ichthyosis: The Impact of Consanguinity. *Journal of Investigative Dermatology*, **2017**, 137, 678-685	4.3	21
712	SVEP1 plays a crucial role in epidermal differentiation. *Experimental Dermatology*, **2017**, 26, 423-430	4	6
711	Elevated dietary magnesium during pregnancy and postnatal life prevents ectopic mineralization in Enpp1asj mice, a model for generalized arterial calcification of infancy. *Oncotarget*, **2017**, 8, 38152-38160	5.3	10
710	Kindler syndrome, an orphan disease of cell/matrix adhesion in the skin: molecular genetics and therapeutic opportunities. *Expert Opinion on Orphan Drugs*, **2016**, 4, 845-854	1.1	4
709	Stem Cell Therapy for Epidermolysis Bullosa-Does It Work?. *Journal of Investigative Dermatology*, **2016**, 136, 2119-2121	4.3	11
708	KRT5 and KRT14 Mutations in Epidermolysis Bullosa Simplex with Phenotypic Heterogeneity, and Evidence of Semidominant Inheritance in a Multiplex Family. *Journal of Investigative Dermatology*, **2016**, 136, 1897-1901	4.3	14
707	Type VII Collagen Replacement Therapy in Recessive Dystrophic Epidermolysis Bullosa-How Much, How Often?. *Journal of Investigative Dermatology*, **2016**, 136, 1079-1081	4.3	4
706	Highly branched poly(β-amino ester)s for skin gene therapy. *Journal of Controlled Release*, **2016**, 244, 336-346	11.7	78
705	Introduction to mini-review cluster on fibrotic diseases: A Festschrift to Joel Rosenbloom, M.D., Ph.D. *Matrix Biology*, **2016**, 51, 5-6	11.4	
704	Progress toward Treatment and Cure of Epidermolysis Bullosa: Summary of the DEBRA International Research Symposium EB2015. *Journal of Investigative Dermatology*, **2016**, 136, 352-358	4.3	48
703	Keloids: The paradigm of skin fibrosis - Pathomechanisms and treatment. *Matrix Biology*, **2016**, 51, 37-46	11.4	140

702	Epidemiologic, Clinicopathologic, Diagnostic, and Management Challenges of Pityriasis Rubra Pilaris: A Case Series of 100 Patients. *JAMA Dermatology*, **2016**, 152, 670-5	5.1	37
701	Research Progress in Pseudoxanthoma Elasticum and Related Ectopic Mineralization Disorders. *Journal of Investigative Dermatology*, **2016**, 136, 550-556	4.3	26
700	Keloids: Animal models and pathologic equivalents to study tissue fibrosis. *Matrix Biology*, **2016**, 51, 47-54	11.4	29
699	Molecular Genetics of the PI3K-AKT-mTOR Pathway in Genodermatoses: Diagnostic Implications and Treatment Opportunities. *Journal of Investigative Dermatology*, **2016**, 136, 15-23	4.3	25
698	Dual Effects of Bisphosphonates on Ectopic Skin and Vascular Soft Tissue Mineralization versus Bone Microarchitecture in a Mouse Model of Generalized Arterial Calcification of Infancy. *Journal of Investigative Dermatology*, **2016**, 136, 275-283	4.3	31
697	Ectopic mineralization of cartilage and collagen-rich tendons and ligaments in Enpp1asj-2J mice. *Oncotarget*, **2016**, 7, 12000-9	3.3	9
696	Variable patterns of ectopic mineralization in Enpp1asj-2J mice, a model for generalized arterial calcification of infancy. *Oncotarget*, **2016**, 7, 83837-83842	3.3	2
695	Phenotypic heterogeneity in PIK3CA-related overgrowth spectrum. *British Journal of Dermatology*, **2016**, 175, 810-4	4	8
694	Expanding genetics and phenotypic spectrum of epidermodysplasia verruciformis. *British Journal of Dermatology*, **2016**, 175, 1138-1139	4	2
693	Whole Genome Linkage Analysis Followed by Whole Exome Sequencing Identifies Nicastrin (NCSTN) as a Causative Gene in a Multiplex Family with Secretase Spectrum of Autoinflammatory Skin Phenotypes. *Journal of Investigative Dermatology*, **2016**, 136, 1283-1286	4.3	9
692	Mouse genome-wide association study identifies polymorphisms on chromosomes 4, 11, and 15 for age-related cardiac fibrosis. *Mammalian Genome*, **2016**, 27, 179-90	3.2	9
691	Co-existence of phenylketonuria either with maple syrup urine disease or Sandhoff disease in two patients from Iran: emphasizing the role of consanguinity. *Journal of Pediatric Endocrinology and Metabolism*, **2016**, 29, 1215-1219	1.6	5
690	Chemotaxis-driven disease-site targeting of therapeutic adult stem cells in dystrophic epidermolysis bullosa. *Stem Cell Research and Therapy*, **2016**, 7, 124	8.3	6
689	Klippel-Trenaunay syndrome belongs to the PIK3CA-related overgrowth spectrum (PROS). *Experimental Dermatology*, **2016**, 25, 17-9	4	95
688	Genetic heterogeneity of pseudoxanthoma elasticum: the Chinese signature profile of ABCC6 and ENPP1 mutations. *Journal of Investigative Dermatology*, **2015**, 135, 1294-1302	4.3	17
687	Infantile systemic hyalinosis in an Iranian family with a mutation in the CMG2/ANTXR2 gene. *Clinical and Experimental Dermatology*, **2015**, 40, 636-9	1.8	6
686	Keloid Pathogenesis: Potential Role of Cellular Fibronectin with the EDA Domain. *Journal of Investigative Dermatology*, **2015**, 135, 1921-1924	4.3	23
685	Next-generation sequencing for mutation detection in heritable skin diseases: the paradigm of pseudoxanthoma elasticum. *Journal of Investigative Dermatology*, **2015**, 135, 937-940	4.3	6

684	Fibroadipose hyperplasia versus Proteus syndrome: segmental overgrowth with a mosaic mutation in the PIK3CA gene. *Journal of Investigative Dermatology*, **2015**, 135, 1450-1453	4.3	16
683	Analysis of CARD14 Polymorphisms in Pityriasis Rubra Pilaris: Activation of NF-B. *Journal of Investigative Dermatology*, **2015**, 135, 1905-1908	4.3	20
682	Intravenously Administered Recombinant Human Type VII Collagen Derived from Chinese Hamster Ovary Cells Reverses the Disease Phenotype in Recessive Dystrophic Epidermolysis Bullosa Mice. *Journal of Investigative Dermatology*, **2015**, 135, 3060-3067	4.3	19
681	Mineral content of the maternal diet influences ectopic mineralization in offspring of Abcc6(-/-) mice. *Cell Cycle*, **2015**, 14, 3184-9	4.7	12
680	Expression of transforming growth factor- after different non-invasive facial rejuvenation modalities. *International Journal of Dermatology*, **2015**, 54, 396-404	1.7	19
679	The effects of bisphosphonates on ectopic soft tissue mineralization caused by mutations in the ABCC6 gene. *Cell Cycle*, **2015**, 14, 1082-9	4.7	44
678	Molecular Genetics of Heritable Skin Diseases: Pseudoxanthoma Elasticum as a Paradigm of China-US Collaboration. *Journal of Investigative Dermatology Symposium Proceedings*, **2015**, 17, 20-1	1.1	
677	Lipoid proteinosis: phenotypic heterogeneity in Iranian families with c.507delT mutation in ECM1. *Experimental Dermatology*, **2015**, 24, 220-2	4	17
676	Reduced Toxicity Conditioning and Allogeneic Hematopoietic Progenitor Cell Transplantation for Recessive Dystrophic Epidermolysis Bullosa. *Journal of Pediatrics*, **2015**, 167, 765-9.e1	3.6	21
675	Rescue of the mucocutaneous manifestations by human cord blood derived nonhematopoietic stem cells in a mouse model of recessive dystrophic epidermolysis bullosa. *Stem Cells*, **2015**, 33, 1807-17	5.8	16
674	The Kindler syndrome: a spectrum of FERMT1 mutations in Iranian families. *Journal of Investigative Dermatology*, **2015**, 135, 1447-1450	4.3	21
673	Transplanted bone marrow-derived circulating PDGFR cells restore type VII collagen in recessive dystrophic epidermolysis bullosa mouse skin graft. *Journal of Immunology*, **2015**, 194, 1996-2003	5.3	52
672	Inherited epidermolysis bullosa: updated recommendations on diagnosis and classification. *Journal of the American Academy of Dermatology*, **2014**, 70, 1103-26	4.5	596
671	Mutations in the ABCC6 gene as a cause of generalized arterial calcification of infancy: genotypic overlap with pseudoxanthoma elasticum. *Journal of Investigative Dermatology*, **2014**, 134, 658-665	4.3	58
670	Heritable disorders of connective tissue: introduction to mini-review cluster. *Matrix Biology*, **2014**, 33, 8-9	11.4	2
669	Changes in dermal fibroblasts from Abcc6(-/-) mice are present before and after the onset of ectopic tissue mineralization. *Journal of Investigative Dermatology*, **2014**, 134, 1855-1861	4.3	15
668	Genetic modulation of nephrocalcinosis in mouse models of ectopic mineralization: the Abcc6(tm1Jfk) and Enpp1(asj) mutant mice. *Laboratory Investigation*, **2014**, 94, 623-32	5.9	16
667	Ectopic mineralization disorders of the extracellular matrix of connective tissue: molecular genetics and pathomechanisms of aberrant calcification. *Matrix Biology*, **2014**, 33, 23-8	11.4	46

666	PSEUDOXANTHOMA ELASTICUM: DIAGNOSTIC FEATURES, CLASSIFICATION, AND TREATMENT OPTIONS. *Expert Opinion on Orphan Drugs*, **2014**, 2, 567-577	1.1	49
665	Mouse models for pseudoxanthoma elasticum: genetic and dietary modulation of the ectopic mineralization phenotypes. *PLoS ONE*, **2014**, 9, e89268	3.7	15
664	Mouse alopecia areata and heart disease: know your mouse!. *Journal of Investigative Dermatology*, **2014**, 134, 279-281	4.3	5
663	Analysis of pseudoxanthoma elasticum-causing missense mutants of ABCC6 in vivo; pharmacological correction of the mislocalized proteins. *Journal of Investigative Dermatology*, **2014**, 134, 946-953	4.3	39
662	Juxta-articular joint-capsule mineralization in CD73 deficient mice: similarities to patients with NT5E mutations. *Cell Cycle*, **2014**, 13, 2609-15	4.7	37
661	Clinical and histopathological characteristics of a family with R1141X mutation of pseudoxanthoma elasticum - presymptomatic testing and lack of carrier phenotypes. *International Journal of Dermatology*, **2014**, 53, 692-8	1.7	5
660	Zebrafish as a model system to study skin biology and pathology. *Journal of Investigative Dermatology*, **2014**, 134, 1-6	4.3	16
659	Phenotypic characterization of the KK/HlJ inbred mouse strain. *Veterinary Pathology*, **2014**, 51, 846-57	2.8	12
658	Altered MCM protein levels and autophagic flux in aged and systemic sclerosis dermal fibroblasts. *Journal of Investigative Dermatology*, **2014**, 134, 2321-2330	4.3	32
657	Spontaneous asj-2J mutant mouse as a model for generalized arterial calcification of infancy: a large deletion/insertion mutation in the Enpp1 gene. *PLoS ONE*, **2014**, 9, e113542	3.7	22
656	Atorvastatin counteracts aberrant soft tissue mineralization in a mouse model of pseudoxanthoma elasticum (Abcc6?/?). *Journal of Molecular Medicine*, **2013**, 91, 1177-84	5.5	20
655	Expression of p53 protein after nonablative rejuvenation: the other side of the coin. *Dermatologic Surgery*, **2013**, 39, 934-43	1.7	11
654	Cole Disease Results from Mutations in ENPP1. *American Journal of Human Genetics*, **2013**, 93, 752-7	11	28
653	Pseudoxanthoma elasticum: the paradigm of ectopic mineralization disorders diagnosis and treatment. *Expert Review of Dermatology*, **2013**, 8, 257-266		
652	A single-nucleotide polymorphism in the Abcc6 gene associates with connective tissue mineralization in mice similar to targeted models for pseudoxanthoma elasticum. *Journal of Investigative Dermatology*, **2013**, 133, 833-836	4.3	32
651	Warfarin accelerates ectopic mineralization in Abcc6(-/-) mice: clinical relevance to pseudoxanthoma elasticum. *American Journal of Pathology*, **2013**, 182, 1139-50	5.8	16
650	Mineralization/anti-mineralization networks in the skin and vascular connective tissues. *American Journal of Pathology*, **2013**, 183, 10-8	5.8	48
649	Topical application of recombinant type VII collagen incorporates into the dermal-epidermal junction and promotes wound closure. *Molecular Therapy*, **2013**, 21, 1335-44	11.7	44

648	Intravenously injected recombinant human type VII collagen homes to skin wounds and restores skin integrity of dystrophic epidermolysis bullosa. *Journal of Investigative Dermatology*, **2013**, 133, 1910-3	4.3	80
647	Premature termination codon read-through in the ABCC6 gene: potential treatment for pseudoxanthoma elasticum. *Journal of Investigative Dermatology*, **2013**, 133, 2672-2677	4.3	31
646	Clinical phenotypes and ABCC6 gene mutations in Brazilian families with pseudoxanthoma elasticum. *Acta Dermato-Venereologica*, **2013**, 93, 739-40	2.2	2
645	Paediatric pseudoxanthoma elasticum with cardiovascular involvement. *British Journal of Dermatology*, **2013**, 169, 1148-51	4	7
644	The complexity of elastic fibre biogenesis in the skin--a perspective to the clinical heterogeneity of cutis laxa. *Experimental Dermatology*, **2013**, 22, 88-92	4	34
643	Mutant Enpp1asj mice as a model for generalized arterial calcification of infancy. *DMM Disease Models and Mechanisms*, **2013**, 6, 1227-35	4.1	64
642	Mouse Samd9l is not a functional paralogue of the human SAMD9, the gene mutated in normophosphataemic familial tumoral calcinosis. *Experimental Dermatology*, **2012**, 21, 554-6	4	3
641	Cutaneous features of pseudoxanthoma elasticum in a patient with generalized arterial calcification of infancy due to a homozygous missense mutation in the ENPP1 gene. *British Journal of Dermatology*, **2012**, 166, 1107-11	4	41
640	Efficacy of mesotherapy in facial rejuvenation: a histological and immunohistochemical evaluation. *International Journal of Dermatology*, **2012**, 51, 913-9	1.7	35
639	Restricting dietary magnesium accelerates ectopic connective tissue mineralization in a mouse model of pseudoxanthoma elasticum (Abcc6(-/-)). *Experimental Dermatology*, **2012**, 21, 694-9	4	42
638	Molecular therapeutics for heritable skin diseases. *Journal of Investigative Dermatology*, **2012**, 132, E29-34	4.3	8
637	Cell-based therapies for epidermolysis bullosa - from bench to bedside. *JDDG - Journal of the German Society of Dermatology*, **2012**, 10, 803-7	1.2	4
636	Extending the phenotypic spectrum of keratitis-ichthyosis-deafness syndrome: report of a patient with GJB2 (G12R) Connexin 26 mutation and unusual clinical findings. *Pediatric Dermatology*, **2012**, 29, 349-57	1.9	29
635	Multiple minimally invasive Erbium: Yttrium Aluminum Garnet laser mini-peels for skin rejuvenation: an objective assessment. *Journal of Cosmetic Dermatology*, **2012**, 11, 122-30	2.5	16
634	Familial pityriasis rubra pilaris is caused by mutations in CARD14. *American Journal of Human Genetics*, **2012**, 91, 163-70	11	164
633	Zellbasierte Therapien bei Epidermolysis bullosa □vom Labor zum Patienten. *JDDG - Journal of the German Society of Dermatology*, **2012**, 10, 803-807	1.2	4
632	Short stature, onychodysplasia, facial dysmorphism, and hypotrichosis syndrome is caused by a POC1A mutation. *American Journal of Human Genetics*, **2012**, 91, 337-42	11	45
631	Type VII collagen deficiency causes defective tooth enamel formation due to poor differentiation of ameloblasts. *American Journal of Pathology*, **2012**, 181, 1659-71	5.8	15

630	A novel animal model for pseudoxanthoma elasticum: the KK/HlJ mouse. *American Journal of Pathology*, **2012**, 181, 1190-6	5.8	19
629	Novel molecular therapies for heritable skin disorders. *Journal of Investigative Dermatology*, **2012**, 132, 820-8	4.3	49
628	Heritable ectopic mineralization disorders: the paradigm of pseudoxanthoma elasticum. *Journal of Investigative Dermatology*, **2012**, 132, E15-9	4.3	9
627	Milestones in genetics of structural skin disorders. *Journal of Investigative Dermatology*, **2012**, 132, E1	4.3	3
626	Early intra-amniotic gene transfer using lentiviral vector improves skin blistering phenotype in a murine model of Herlitz junctional epidermolysis bullosa. *Gene Therapy*, **2012**, 19, 561-9	4	15
625	Magnesium: novel applications in cardiovascular disease--a review of the literature. *Annals of Nutrition and Metabolism*, **2012**, 61, 102-10	4.5	32
624	Integration of investigative dermatology into the global biomedical research enterprise: past, present, and future. *Journal of Investigative Dermatology*, **2012**, 132, 1029-32	4.3	1
623	Revertant mosaicism in heritable skin diseases: mechanisms of natural gene therapy. *Discovery Medicine*, **2012**, 14, 167-79	2.5	49
622	Gene expression signatures of mouse bone marrow-derived mesenchymal stem cells in the cutaneous environment and therapeutic implications for blistering skin disorder. *Cytotherapy*, **2011**, 13, 30-45	4.8	29
621	Zebrafish: a model system to study heritable skin diseases. *Journal of Investigative Dermatology*, **2011**, 131, 565-71	4.3	47
620	ABCC6 does not transport vitamin K3-glutathione conjugate from the liver: relevance to pathomechanisms of pseudoxanthoma elasticum. *Biochemical and Biophysical Research Communications*, **2011**, 415, 468-71	3.4	19
619	Radiofrequency facial rejuvenation: evidence-based effect. *Journal of the American Academy of Dermatology*, **2011**, 64, 524-35	4.5	95
618	The role of Syk kinase in ultraviolet-mediated skin damage. *British Journal of Dermatology*, **2011**, 165, 69-77	4	5
617	Expression of the Abca-subfamily of genes in Abcc6-/- mice--upregulation of Abca4. *Experimental Dermatology*, **2011**, 20, 452-4	4	3
616	Pseudoxanthoma elasticum, das Paradigma einer erblichen St¶rung des Mineralstoffwechsels Therapie durch Di?. *JDDG - Journal of the German Society of Dermatology*, **2011**, 9, 586-592	1.2	3
615	Regenerative medicine for skin diseases: iPS cells to the rescue. *Journal of Investigative Dermatology*, **2011**, 131, 812-4	4.3	21
614	Pseudoxanthoma elasticum: progress in diagnostics and research towards treatment : Summary of the 2010 PXE International Research Meeting. *American Journal of Medical Genetics, Part A*, **2011**, 155A, 1517-26	2.5	54
613	Administration of vitamin K does not counteract the ectopic mineralization of connective tissues in Abcc6 (-/-) mice, a model for pseudoxanthoma elasticum. *Cell Cycle*, **2011**, 10, 701-7	4.7	41

612	Abca12-mediated lipid transport and Snap29-dependent trafficking of lamellar granules are crucial for epidermal morphogenesis in a zebrafish model of ichthyosis. *DMM Disease Models and Mechanisms*, **2011**, 4, 777-85	4.1	23
611	Cell-based therapy for RDEB: how does it work?. *Journal of Investigative Dermatology*, **2011**, 131, 1597-9	4.3	11
610	PDGFRalpha-positive cells in bone marrow are mobilized by high mobility group box 1 (HMGB1) to regenerate injured epithelia. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 6609-14	11.5	178
609	Effects of the Nd:YAG 1320-nm laser on skin rejuvenation: clinical and histological correlations. *Journal of Cosmetic and Laser Therapy*, **2011**, 13, 98-106	1.8	22
608	Angioid streaks in Pseudoxanthoma Elasticum: role of the p.R1268Q mutation in the ABCC6 gene. *Journal of Investigative Dermatology*, **2011**, 131, 782-5	4.3	6
607	Functional characterization of SAMD9, a protein deficient in normophosphatemic familial tumoral calcinosis. *Journal of Investigative Dermatology*, **2011**, 131, 662-9	4.3	49
606	The Samd9L gene: transcriptional regulation and tissue-specific expression in mouse development. *Journal of Investigative Dermatology*, **2011**, 131, 1428-34	4.3	9
605	In this issue: glycine substitution mutations in the COL7A1 gene: implications for inheritance of dystrophic epidermolysis bullosa - dominant vs. recessive. *Acta Dermato-Venereologica*, **2011**, 91, 259-61	2.2	3
604	ABC Transporter Mutations in Heritable Skin Diseases: The ABCC6 and ABCA12 Genes **2011**, 247-268		
603	Intense pulsed light photorejuvenation: a histological and immunohistochemical evaluation. *Journal of Drugs in Dermatology*, **2011**, 10, 1246-52	2.2	15
602	Mutation analysis (ABCC6) in a family with pseudoxanthoma elasticum: presymptomatic testing with prognostic implications. *British Journal of Dermatology*, **2010**, 163, 641-3	4	12
601	Pseudoxanthoma elasticum: molecular genetics and putative pathomechanisms. *Journal of Investigative Dermatology*, **2010**, 130, 661-70	4.3	114
600	Noninvasive assessment of UV-induced skin damage: comparison of optical measurements to histology and MMP expression. *Photochemistry and Photobiology*, **2010**, 86, 138-45	3.6	5
599	Overexpression of fetuin-a counteracts ectopic mineralization in a mouse model of pseudoxanthoma elasticum (abcc6(-/-)). *Journal of Investigative Dermatology*, **2010**, 130, 1288-96	4.3	37
598	Progress in epidermolysis bullosa research: toward treatment and cure. *Journal of Investigative Dermatology*, **2010**, 130, 1778-84	4.3	57
597	Compound heterozygous desmoplakin mutations result in a phenotype with a combination of myocardial, skin, hair, and enamel abnormalities. *Journal of Investigative Dermatology*, **2010**, 130, 968-78	4.3	49
596	The abcc6a gene expression is required for normal zebrafish development. *Journal of Investigative Dermatology*, **2010**, 130, 2561-8	4.3	35
595	Type VII collagen: the anchoring fibril protein at fault in dystrophic epidermolysis bullosa. *Dermatologic Clinics*, **2010**, 28, 93-105	4.2	107

594	Epidermolysis bullosa with pyloric atresia. *Dermatologic Clinics*, **2010**, 28, 43-54	4.2	56
593	Parabiotic heterogenetic pairing of Abcc6-/-/Rag1-/- mice and their wild-type counterparts halts ectopic mineralization in a murine model of pseudoxanthoma elasticum. *American Journal of Pathology*, **2010**, 176, 1855-62	5.8	54
592	Anatomy and Organization of Human Skin **2010**, 1-53		30
591	The mineralization phenotype in Abcc6 (-/-) mice is affected by Ggcx gene deficiency and genetic background--a model for pseudoxanthoma elasticum. *Journal of Molecular Medicine*, **2010**, 88, 173-81	5.5	39
590	Pseudoxanthoma elasticum: a streamlined, ethnicity-based mutation detection strategy. *Clinical and Translational Science*, **2010**, 3, 295-8	4.9	7
589	Electro-optical Synergy Technique: A New and Effective Nonablative Approach to Skin Aging. *Journal of Clinical and Aesthetic Dermatology*, **2010**, 3, 22-30	1.2	58
588	Injection of recombinant human type VII collagen corrects the disease phenotype in a murine model of dystrophic epidermolysis bullosa. *Molecular Therapy*, **2009**, 17, 26-33	11.7	107
587	Phenotypic complexity of epidermolysis bullosa: the paradigm of the pruriginosa subtype. *Acta Dermato-Venereologica*, **2009**, 89, 4-5	2.2	
586	Progress in heritable skin diseases: translational implications of mutation analysis and prospects of molecular therapies*. *Acta Dermato-Venereologica*, **2009**, 89, 228-35	2.2	23
585	Pseudoxanthoma elasticum is a metabolic disease. *Journal of Investigative Dermatology*, **2009**, 129, 348-54	4.3	100
584	Mutations in the GGCX and ABCC6 genes in a family with pseudoxanthoma elasticum-like phenotypes. *Journal of Investigative Dermatology*, **2009**, 129, 553-63	4.3	76
583	Elevated dietary magnesium prevents connective tissue mineralization in a mouse model of pseudoxanthoma elasticum (Abcc6(-/-)). *Journal of Investigative Dermatology*, **2009**, 129, 1388-94	4.3	66
582	Extracellular matrix in cutaneous ageing: the effects of 0.1% copper-zinc malonate-containing cream on elastin biosynthesis. *Experimental Dermatology*, **2009**, 18, 205-11	4	30
581	Pseudoxanthoma elasticum: clinical phenotypes, molecular genetics and putative pathomechanisms. *Experimental Dermatology*, **2009**, 18, 1-11	4	135
580	Fluorescent protein markers to tag collagenous proteins: the paradigm of procollagen VII. *Biochemical and Biophysical Research Communications*, **2009**, 390, 662-6	3.4	4
579	Co-existent pseudoxanthoma elasticum and vitamin K-dependent coagulation factor deficiency: compound heterozygosity for mutations in the GGCX gene. *American Journal of Pathology*, **2009**, 174, 534-40	5.8	49
578	Keratinocyte-/fibroblast-targeted rescue of Col7a1-disrupted mice and generation of an exact dystrophic epidermolysis bullosa model using a human COL7A1 mutation. *American Journal of Pathology*, **2009**, 175, 2508-17	5.8	20
577	Amelioration of epidermolysis bullosa by transfer of wild-type bone marrow cells. *Blood*, **2009**, 113, 1167-74	2.24	135

576	Effects of 0.1% copper-zinc malonate-containing cream on dermal connective tissues. *Expert Review of Dermatology*, **2009**, 4, 379-384		
575	Epidermolysis bullosa: prospects for cell-based therapies. *Journal of Investigative Dermatology*, **2008**, 128, 2140-2	4.3	20
574	Identification of Skn-1n, a splice variant induced by high calcium concentration and specifically expressed in normal human keratinocytes. *Journal of Investigative Dermatology*, **2008**, 128, 1336-9	4.3	3
573	Pseudoxanthoma elasticum: oxidative stress and antioxidant diet in a mouse model (Abcc6-/-). *Journal of Investigative Dermatology*, **2008**, 128, 1160-4	4.3	25
572	KRT14 haploinsufficiency results in increased susceptibility of keratinocytes to TNF-alpha-induced apoptosis and causes Naegeli-Franceschetti-Jadassohn syndrome. *Journal of Investigative Dermatology*, **2008**, 128, 1517-24	4.3	42
571	Protein therapeutics for junctional epidermolysis bullosa: incorporation of recombinant beta3 chain into laminin 332 in beta3-/- keratinocytes in vitro. *Journal of Investigative Dermatology*, **2008**, 128, 1476-86	4.3	22
570	Normophosphatemic familial tumoral calcinosis is caused by deleterious mutations in SAMD9, encoding a TNF-alpha responsive protein. *Journal of Investigative Dermatology*, **2008**, 128, 1423-9	4.3	67
569	Dystrophic epidermolysis bullosa with one dominant and one recessive mutation of the COL7A1 gene in a child with deafness. *Pediatric Dermatology*, **2008**, 25, 210-4	1.9	4
568	Calcineurin/NFAT-dependent regulation of 230-kDa bullous pemphigoid antigen (BPAG1) gene expression in normal human epidermal keratinocytes. *Journal of Dermatological Science*, **2008**, 51, 45-51	4.3	5
567	The classification of inherited epidermolysis bullosa (EB): Report of the Third International Consensus Meeting on Diagnosis and Classification of EB. *Journal of the American Academy of Dermatology*, **2008**, 58, 931-50	4.5	690
566	Bone marrow cell transfer into fetal circulation can ameliorate genetic skin diseases by providing fibroblasts to the skin and inducing immune tolerance. *American Journal of Pathology*, **2008**, 173, 803-14	5.8	85
565	Comparison of 1D and 2D NMR spectroscopy for metabolic profiling. *Journal of Proteome Research*, **2008**, 7, 630-9	5.6	49
564	Pseudoxanthoma elasticum: genetic diagnostic markers. *Expert Opinion on Medical Diagnostics*, **2008**, 2, 63-79		21
563	Collagen fibril formation. A new target to limit fibrosis. *Journal of Biological Chemistry*, **2008**, 283, 25879-86	5.4	50
562	Ectopic mineralization of connective tissue in Abcc6-/- mice: effects of dietary modifications and a phosphate binder--a preliminary study. *Experimental Dermatology*, **2008**, 17, 203-7	4	32
561	Fibulin-5 accelerates elastic fibre assembly in human skin fibroblasts. *Experimental Dermatology*, **2008**, 17, 837-42	4	25
560	The role of elastin and collagen in cutaneous aging: intrinsic aging versus photoexposure. *Journal of Drugs in Dermatology*, **2008**, 7, s12-6	2.2	159
559	Plectin defects in epidermolysis bullosa simplex with muscular dystrophy. *Muscle and Nerve*, **2007**, 35, 24-35	3.4	54

558	IL-6 signaling pathway in keloids: a target for pharmacologic intervention?. *Journal of Investigative Dermatology*, **2007**, 127, 6-8	4.3	19
557	Pseudoxanthoma elasticum-like phenotypes: more diseases than one. *Journal of Investigative Dermatology*, **2007**, 127, 507-10	4.3	9
556	Aberrant mineralization of connective tissues in a mouse model of pseudoxanthoma elasticum: systemic and local regulatory factors. *Journal of Investigative Dermatology*, **2007**, 127, 1392-402	4.3	74
555	Recessive dystrophic epidermolysis bullosa-associated squamous-cell carcinoma: an enigmatic entity with complex pathogenesis. *Journal of Investigative Dermatology*, **2007**, 127, 2295-6	4.3	14
554	Anchorless keratinocyte survival: an emerging pathogenic mechanism for squamous cell carcinoma in recessive dystrophic epidermolysis bullosa. *Experimental Dermatology*, **2007**, 16, 465-7	4	5
553	Targeted ablation of Abcc1 or Abcc3 in Abcc6(-/-) mice does not modify the ectopic mineralization process. *Experimental Dermatology*, **2007**, 16, 853-9	4	13
552	Diseases of epidermal keratins and their linker proteins. *Experimental Cell Research*, **2007**, 313, 1995-2009	4.2	81
551	UVA-340 as Energy Source, Mimicking Natural Sunlight, Activates the Transcription Factor AP-1 in Cultured Fibroblasts: Evidence for Involvement of Protein Kinase-C. *Photochemistry and Photobiology*, **2007**, 74, 274-282	3.6	3
550	Epidermolysis bullosa. II. Type VII collagen mutations and phenotype-genotype correlations in the dystrophic subtypes. *Journal of Medical Genetics*, **2007**, 44, 181-92	5.8	171
549	Mutation detection in the ABCC6 gene and genotype-phenotype analysis in a large international case series affected by pseudoxanthoma elasticum. *Journal of Medical Genetics*, **2007**, 44, 621-8	5.8	137
548	Development of tissue-targeting hemagglutinating virus of Japan envelope vector for successful delivery of therapeutic gene to mouse skin. *Human Gene Therapy*, **2007**, 18, 881-94	4.8	16
547	Mice deficient in involucrin, envoplakin, and periplakin have a defective epidermal barrier. *Journal of Cell Biology*, **2007**, 179, 1599-612	7.3	112
546	Suprabasal Dsg2 expression in transgenic mouse skin confers a hyperproliferative and apoptosis-resistant phenotype to keratinocytes. *Journal of Cell Science*, **2007**, 120, 758-71	5.3	93
545	Pseudoxanthoma elasticum: reduced gamma-glutamyl carboxylation of matrix gla protein in a mouse model (Abcc6-/-). *Biochemical and Biophysical Research Communications*, **2007**, 364, 208-13	3.4	51
544	Epidermolysis bullosa. I. Molecular genetics of the junctional and hemidesmosomal variants. *Journal of Medical Genetics*, **2006**, 43, 641-52	5.8	112
543	Naegeli-Franceschetti-Jadassohn syndrome and dermatopathia pigmentosa reticularis: two allelic ectodermal dysplasias caused by dominant mutations in KRT14. *American Journal of Human Genetics*, **2006**, 79, 724-30	11	94
542	A deleterious mutation in SAMD9 causes normophosphatemic familial tumoral calcinosis. *American Journal of Human Genetics*, **2006**, 79, 759-64	11	106
541	High-affinity binding of the NC1 domain of collagen VII to laminin 5 and collagen IV. *Biochemical and Biophysical Research Communications*, **2006**, 343, 692-9	3.4	59

540	Interferon-gamma down-regulates expression of the 230-kDa bullous pemphigoid antigen gene (BPAG1) in epidermal keratinocytes via novel chimeric sequences of ISRE and GAS. *Experimental Dermatology*, **2006**, 15, 308-14	4	9
539	Extracellular matrix protein 1 inhibits the activity of matrix metalloproteinase 9 through high-affinity protein/protein interactions. *Experimental Dermatology*, **2006**, 15, 300-7	4	67
538	Transcriptional regulation and characterization of the promoter region of the human ABCC6 gene. *Journal of Investigative Dermatology*, **2006**, 126, 325-35	4.3	38
537	Pseudoxanthoma elasticum is a recessive disease characterized by compound heterozygosity. *Journal of Investigative Dermatology*, **2006**, 126, 782-6	4.3	52
536	Molecular epidemiology of hereditary epidermolysis bullosa in a Middle Eastern population. *Journal of Investigative Dermatology*, **2006**, 126, 777-81	4.3	42
535	Pseudoxanthoma elasticum: a metabolic disease?. *Journal of Investigative Dermatology*, **2006**, 126, 1440-1	4.3	32
534	Epidermolysis Bullosa Simplex with mottled pigmentation: mutation analysis in the first reported Hispanic pedigree with the largest single generation of affected individuals to date. *European Journal of Dermatology*, **2006**, 16, 132-5	0.8	8
533	The gene family of ABC transporters--novel mutations, new phenotypes. *Trends in Molecular Medicine*, **2005**, 11, 341-3	11.5	35
532	Extracellular matrix protein 1 interacts with the domain III of fibulin-1C and 1D variants through its central tandem repeat 2. *Biochemical and Biophysical Research Communications*, **2005**, 333, 1327-33	3.4	32
531	Progress in epidermolysis bullosa: from eponyms to molecular genetic classification. *Clinics in Dermatology*, **2005**, 23, 33-40	3	78
530	Plectin deficient epidermolysis bullosa simplex with 27-year-history of muscular dystrophy. *Journal of Dermatological Science*, **2005**, 37, 87-93	4.3	14
529	Breaking the connection: caspase 6 disconnects intermediate filament-binding domain of periplakin from its actin-binding N-terminal region. *Journal of Investigative Dermatology*, **2005**, 124, 46-55	4.3	17
528	Plectin gene mutations can cause epidermolysis bullosa with pyloric atresia. *Journal of Investigative Dermatology*, **2005**, 124, 111-5	4.3	73
527	Epidermolysis bullosa simplex: recurrent and de novo mutations in the KRT5 and KRT14 genes, phenotype/genotype correlations, and implications for genetic counseling and prenatal diagnosis. *Journal of Investigative Dermatology*, **2005**, 125, 239-43	4.3	39
526	Tissue-specific expression of the ABCC6 gene. *Journal of Investigative Dermatology*, **2005**, 125, 900-5	4.3	62
525	Progress in epidermolysis bullosa: the phenotypic spectrum of plectin mutations. *Experimental Dermatology*, **2005**, 14, 241-9	4	72
524	Nephrotic syndrome and aberrant expression of laminin isoforms in glomerular basement membranes for an infant with Herlitz junctional epidermolysis bullosa. *Pediatrics*, **2005**, 116, e601-7	7.4	28
523	Single amino acid substitutions in procollagen VII affect early stages of assembly of anchoring fibrils. *Journal of Biological Chemistry*, **2005**, 280, 191-8	5.4	27

522	Targeted ablation of the abcc6 gene results in ectopic mineralization of connective tissues. *Molecular and Cellular Biology*, **2005**, 25, 8299-310	4.8	175
521	The Ehlers-Danlos syndrome--phenotypic spectrum and molecular genetics. *European Journal of Dermatology*, **2005**, 15, 311-2	0.8	6
520	Periplakin gene targeting reveals a constituent of the cornified cell envelope dispensable for normal mouse development. *Molecular and Cellular Biology*, **2004**, 24, 6410-8	4.8	41
519	Linear IgA dermatosis with IgA and IgG autoantibodies to the 180 kDa bullous pemphigoid antigen (BP180): evidence for a distinct subtype. *International Journal of Dermatology*, **2004**, 43, 443-6	1.7	11
518	Effect of topical tretinoin on photoaged facial skin: a histometric, immunohistochemical and ultrastructural study. *Journal of Cosmetic Dermatology*, **2004**, 3, 191-201	2.5	13
517	Ehlers-Danlos syndrome-molecular genetics beyond the collagens. *Journal of Investigative Dermatology*, **2004**, 122, xii-xiii	4.3	6
516	Epidermolysis bullosa: the expanding mutation database. *Journal of Investigative Dermatology*, **2004**, 123, xii-xiii	4.3	12
515	Differential structural properties and expression patterns suggest functional significance for multiple mouse desmoglein 1 isoforms. *Differentiation*, **2004**, 72, 434-49	3.5	23
514	Severe mucous membrane involvement in epidermolysis bullosa simplex with muscular dystrophy due to a novel plectin gene mutation. *European Journal of Pediatrics*, **2004**, 163, 218-22	4.1	18
513	Progress in epidermolysis bullosa: genetic classification and clinical implications. *American Journal of Medical Genetics Part A*, **2004**, 131C, 61-74		63
512	Epidermolysis bullosa simplex in Israel: clinical and genetic features. *Archives of Dermatology*, **2003**, 139, 498-505		48
511	Novel member of the mouse desmoglein gene family: Dsg1-beta. *Experimental Dermatology*, **2003**, 12, 11-9	4	29
510	Divergent effects of two sequence variants of GJB3 (G12D and R32W) on the function of connexin 31 in vitro. *Experimental Dermatology*, **2003**, 12, 191-7	4	24
509	Keratinocyte responsive element 3: analysis of a keratinocyte-specific regulatory sequence in the 230-kDa bullous pemphigoid antigen gene promoter. *Journal of Investigative Dermatology*, **2003**, 120, 308-12	4.3	4
508	Genetic heterogeneity in erythrokeratodermia variabilis: novel mutations in the connexin gene GJB4 (Cx30.3) and genotype-phenotype correlations. *Journal of Investigative Dermatology*, **2003**, 120, 601-9	4.3	88
507	Epidermolytic hyperkeratosis and epidermolysis bullosa simplex caused by frameshift mutations altering the v2 tail domains of keratin 1 and keratin 5. *Journal of Investigative Dermatology*, **2003**, 120, 623-6	4.3	33
506	Targeted inactivation of murine laminin gamma2-chain gene recapitulates human junctional epidermolysis bullosa. *Journal of Investigative Dermatology*, **2003**, 121, 720-31	4.3	72
505	A novel homozygous nonsense deletion/insertion mutation in the keratin 14 gene (Y248X; 744delC/insAG) causes recessive epidermolysis bullosa simplex type K¶bner. *Clinical and Experimental Dermatology*, **2003**, 28, 77-9	1.8	24

504	Relevance of differential immunogenicity of human and mouse recombinant desmoglein-3 for the induction of acantholytic autoantibodies in mice. *Clinical and Experimental Immunology*, **2003**, 132, 16-23	6.2	9
503	Transcriptional control of the mouse Col7a1 gene in keratinocytes: basal and transforming growth factor-beta regulated expression. *Journal of Investigative Dermatology*, **2003**, 121, 1469-78	4.3	15
502	Crescentic glomerulonephritis and subepidermal blisters with autoantibodies to alpha5 and alpha6 chains of type IV collagen. *Laboratory Investigation*, **2003**, 83, 605-11	5.9	25
501	Desmoglein 4 in hair follicle differentiation and epidermal adhesion: evidence from inherited hypotrichosis and acquired pemphigus vulgaris. *Cell*, **2003**, 113, 249-60	56.2	271
500	Genetic heterogeneity of cutis laxa: a heterozygous tandem duplication within the fibulin-5 (FBLN5) gene. *American Journal of Human Genetics*, **2003**, 72, 998-1004	11	125
499	Probing the fetal genome: progress in non-invasive prenatal diagnosis. *Trends in Molecular Medicine* , **2003**, 9, 339-43	11.5	30
498	Laminin 5 mutations in junctional epidermolysis bullosa: molecular basis of Herlitz vs. non-Herlitz phenotypes. *Human Genetics*, **2002**, 110, 41-51	6.3	111
497	ZNT4 gene is not responsible for acrodermatitis enteropathica in Japanese families. *Human Genetics*, **2002**, 110, 201-2	6.3	9
496	Interspecies conservation and differential expression of mouse desmoglein gene family. *Experimental Dermatology*, **2002**, 11, 115-25	4	22
495	Intrinsic aging vs. photoaging: a comparative histopathological, immunohistochemical, and ultrastructural study of skin. *Experimental Dermatology*, **2002**, 11, 398-405	4	360
494	Unique role for the periplakin tail in intermediate filament association: specific binding to keratin 8 and vimentin. *Experimental Dermatology*, **2002**, 11, 428-38	4	59
493	Refined mapping of Naegeli-Franceschetti- Jadassohn syndrome to a 6 cM interval on chromosome 17q11.2-q21 and investigation of candidate genes. *Journal of Investigative Dermatology*, **2002**, 119, 692-8	4.3	31
492	Progress in molecular genetics of heritable skin diseases: the paradigms of epidermolysis bullosa and pseudoxanthoma elasticum. *Journal of Investigative Dermatology Symposium Proceedings*, **2002**, 7, 6-16	1.1	10
491	Loss of cell adhesion in Dsg3bal-Pas mice with homozygous deletion mutation (2079del14) in the desmoglein 3 gene. *Journal of Investigative Dermatology*, **2002**, 119, 1237-43	4.3	32
490	Metastasis-associated protein (MTA)1 enhances migration, invasion, and anchorage-independent survival of immortalized human keratinocytes. *Oncogene*, **2002**, 21, 2161-70	9.2	81
489	Disorganization of the desmin cytoskeleton and mitochondrial dysfunction in plectin-related epidermolysis bullosa simplex with muscular dystrophy. *Journal of Neuropathology and Experimental Neurology*, **2002**, 61, 520-30	3.1	79
488	Exacerbation of pemphigus foliaceus after tetanus vaccination accompanied by synthesis of auto-antibodies against paraneoplastic pemphigus antigens. *Acta Dermato-Venereologica*, **2002**, 82, 482-3	2.2	12
487	Junctional epidermolysis bullosa in the Middle East: clinical and genetic studies in a series of consanguineous families. *Journal of the American Academy of Dermatology*, **2002**, 46, 510-6	4.5	37

486	Progress in heritable skin diseases: molecular bases and clinical implications. *Journal of the American Academy of Dermatology*, **2002**, 47, 91-104	4.5	35
485	Missense mutations in GJB2 encoding connexin-26 cause the ectodermal dysplasia keratitis-ichthyosis-deafness syndrome. *American Journal of Human Genetics*, **2002**, 70, 1341-8	11	293
484	Searching for clues to premature aging. *Trends in Endocrinology and Metabolism*, **2002**, 13, 140-1	8.8	7
483	Specific sequences in p120ctn determine subcellular distribution of its multiple isoforms involved in cellular adhesion of normal and malignant epithelial cells. *Journal of Cell Science*, **2002**, 115, 1391-402	5.3	56
482	Molecular genetics of heritable blistering disorders. *Archives of Dermatology*, **2001**, 137, 1458-61		61
481	Identification of ABCC6 pseudogenes on human chromosome 16p: implications for mutation detection in pseudoxanthoma elasticum. *Human Genetics*, **2001**, 109, 356-65	6.3	294
480	Differential expression of tissue-specific promoters by gene gun. *British Journal of Dermatology*, **2001**, 144, 34-9	4	27
479	Papillon-Lef□re syndrome: mutations and polymorphisms in the cathepsin C gene. *Journal of Investigative Dermatology*, **2001**, 116, 339-43	4.3	54
478	Epidermolysis bullosa carrier frequencies in the US population. *Journal of Investigative Dermatology* , **2001**, 116, 483-4	4.3	31
477	The spectrum of pathogenic mutations in SPINK5 in 19 families with Netherton syndrome: implications for mutation detection and first case of prenatal diagnosis. *Journal of Investigative Dermatology*, **2001**, 117, 179-87	4.3	114
476	Is screening of the candidate gene necessary in unrelated partners of members of families with Herlitz junctional epidermolysis bullosa?. *Journal of Investigative Dermatology*, **2001**, 116, 474-5	4.3	5
475	Darier disease--novel mutations in ATP2A2 and genotype-phenotype correlation. *Experimental Dermatology*, **2001**, 10, 19-27	4	82
474	Downregulation of human type VII collagen (COL7A1) promoter activity by dexamethasone. Identification of a glucocorticoid receptor binding region. *Experimental Dermatology*, **2001**, 10, 28-34	4	18
473	The nitroxide Tempol affords protection against ultraviolet radiation in a transgenic murine fibroblast culture model of cutaneous photoaging. *Experimental Dermatology*, **2001**, 10, 55-61	4	17
472	Molecular genetics of pseudoxanthoma elasticum. *Experimental Dermatology*, **2001**, 10, 221-8	4	60
471	Ultraviolet-filtering properties of commonly used tissue cell culture plasticware. *Photodermatology Photoimmunology and Photomedicine*, **2001**, 17, 126-9	2.4	11
470	Smad3/AP-1 interactions control transcriptional responses to TGF-beta in a promoter-specific manner. *Oncogene*, **2001**, 20, 3332-40	9.2	157
469	Tissue distribution and cell type-specific expression of p120ctn isoforms. *Journal of Histochemistry and Cytochemistry*, **2001**, 49, 1487-96	3.4	34

468	Tumor necrosis factor-alpha induces distinctive NF-kappa B signaling within human dermal fibroblasts. *Journal of Biological Chemistry*, **2001**, 276, 6214-24	5.4	22
467	Progress in molecular dermatology. *Acta Dermato-Venereologica*, **2001**, 81, 161-2	2.2	2
466	Epidermolysis bullosa with congenital pyloric atresia: novel mutations in the beta 4 integrin gene (ITGB4) and genotype/phenotype correlations. *Pediatric Research*, **2001**, 49, 618-26	3.2	76
465	A compound heterozygous one amino-acid insertion/nonsense mutation in the plectin gene causes epidermolysis bullosa simplex with plectin deficiency. *American Journal of Pathology*, **2001**, 158, 617-25	5.8	46
464	Compound heterozygosity for a recurrent 16.5-kb Alu-mediated deletion mutation and single-base-pair substitutions in the ABCC6 gene results in pseudoxanthoma elasticum. *American Journal of Human Genetics*, **2001**, 68, 642-52	11	287
463	Differential expression and subcellular distribution of the mouse metastasis-associated proteins Mta1 and Mta3. *Gene*, **2001**, 273, 29-39	3.8	36
462	Molecular organization of the cutaneous basement membrane zone. *Clinics in Dermatology*, **2001**, 19, 551-62	3	53
461	UVA-340 as energy source, mimicking natural sunlight, activates the transcription factor AP-1 in cultured fibroblasts: evidence for involvement of protein kinase-C. *Photochemistry and Photobiology*, **2001**, 74, 274-82	3.6	16
460	Mutation analysis in the family of a Taiwanese boy with with epidermolysis bullosa simplex dowling-meara. *Journal of the Formosan Medical Association*, **2001**, 100, 407-11	3.2	5
459	trans-dominant inhibition of connexin-43 by mutant connexin-26: implications for dominant connexin disorders affecting epidermal differentiation. *Journal of Cell Science*, **2001**, 114, 2105-13	5.3	128
458	Elastic fibre abnormalities in skin disorders: whatIs new?. *Journal of the European Academy of Dermatology and Venereology*, **2001**, 15, 303-4	4.6	3
457	Mutation report: complete paternal uniparental isodisomy of chromosome 1: a novel mechanism for Herlitz junctional epidermolysis bullosa. *Journal of Investigative Dermatology*, **2000**, 115, 307-11	4.3	46
456	Herlitz junctional epidermolysis bullosa: novel and recurrent mutations in the LAMB3 gene and the population carrier frequency. *Journal of Investigative Dermatology*, **2000**, 115, 493-8	4.3	31
455	Envoplakin and periplakin, the paraneoplastic pemphigus antigens, are also recognized by pemphigus foliaceus autoantibodies. *Journal of Investigative Dermatology*, **2000**, 115, 505-7	4.3	22
454	Combination of novel premature termination codon and glycine substitution mutations in COL7A1 leads to moderately severe recessive dystrophic epidermolysis bullosa. *Journal of Investigative Dermatology*, **2000**, 114, 204-5	4.3	8
453	Mutation reports: epidermolysis bullosa simplex associated with severe mucous membrane involvement and novel mutations in the plectin gene. *Journal of Investigative Dermatology*, **2000**, 114, 376-80	4.3	32
452	Epidermolysis bullosa: novel and de novo premature termination codon and deletion mutations in the plectin gene predict late-onset muscular dystrophy. *Journal of Investigative Dermatology*, **2000**, 114, 381-7	4.3	31
451	The DEBRA International Visioning/Consensus Meeting on Epidermolysis Bullosa: summary and recommendations. *Journal of Investigative Dermatology*, **2000**, 114, 734-7	4.3	24

450	Netherton syndrome is not linked to 18q12, a region homologous to the murine lanceolate hair (lah) locus. *Journal of Investigative Dermatology*, **2000**, 114, 741-2	4.3	2
449	Epidermolysis bullosa, pyloric atresia, and obstructive uropathy: a report of two case reports with molecular correlation and clinical management. *Pediatric Dermatology*, **2000**, 17, 286-9	1.9	12
448	Congenital pyloric atresia in a newborn with extensive aplasia cutis congenita and epidermolysis bullosa simplex. *British Journal of Dermatology*, **2000**, 143, 1342-3	4	20
447	The gene gun: current applications in cutaneous gene therapy. *International Journal of Dermatology* , **2000**, 39, 161-70	1.7	84
446	Epidermolysis bullosa in Mexico. *International Journal of Dermatology*, **2000**, 39, 433-5	1.7	3
445	Novel keratin 16 mutations and protein expression studies in pachyonychia congenita type 1 and focal palmoplantar keratoderma. *Experimental Dermatology*, **2000**, 9, 170-7	4	45
444	Cloning of the mouse desmoglein 3 gene (Dsg3): interspecies conservation within the cadherin superfamily. *Experimental Dermatology*, **2000**, 9, 229-39	4	18
443	Common Fluorescent Sunlamps are an Inappropriate Substitute for Sunlight . *Photochemistry and Photobiology*, **2000**, 72, 340-344	3.6	2
442	A 500-kb region on chromosome 16p13.1 contains the pseudoxanthoma elasticum locus: high-resolution mapping and genomic structure. *Journal of Molecular Medicine*, **2000**, 78, 36-46	5.5	51
441	A de novo glycine substitution mutation in the collagenous domain of COL7A1 in dominant dystrophic epidermolysis bullosa. *Archives of Dermatological Research*, **2000**, 292, 159-63	3.3	13
440	The genodermatoses: candidate diseases for gene therapy. *Human Gene Therapy*, **2000**, 11, 2267-75	4.8	42
439	The protein core of the proteoglycan perlecan binds specifically to fibroblast growth factor-7. *Journal of Biological Chemistry*, **2000**, 275, 7095-100	5.4	114
438	Protection against pemphigus foliaceus by desmoglein 3 in neonates. *New England Journal of Medicine*, **2000**, 343, 31-5	59.2	103
437	Pseudoxanthoma elasticum: mutations in the MRP6 gene encoding a transmembrane ATP-binding cassette (ABC) transporter. *Proceedings of the National Academy of Sciences of the United States of America*, **2000**, 97, 6001-6	11.5	333
436	The alpha 5 chain of type IV collagen is the target of IgG autoantibodies in a novel autoimmune disease with subepidermal blisters and renal insufficiency. *Journal of Biological Chemistry*, **2000**, 275, 16002-6	5.4	37
435	Ubinuclein, a novel nuclear protein interacting with cellular and viral transcription factors. *Journal of Cell Biology*, **2000**, 148, 1165-76	7.3	36
434	Molecular genetics of Meesmannıs corneal dystrophy: ancestral and novel mutations in keratin 12 (K12) and complete sequence of the human KRT12 gene. *Experimental Eye Research*, **2000**, 70, 41-9	3.7	50
433	Lichen planus pemphigoides with IgG autoantibodies to the 180 kd bullous pemphigoid antigen (type XVII collagen). *Journal of the American Academy of Dermatology*, **2000**, 42, 136-41	4.5	17

432	Congenital focal segmental glomerulosclerosis associated with beta4 integrin mutation and epidermolysis bullosa. *American Journal of Kidney Diseases*, **2000**, 36, 190-6	7.4	76
431	The spectrum of mutations in erythrokeratodermias □novel and de novo mutations in GJB3. *Human Genetics*, **2000**, 106, 321-329	6.3	64
430	Cutaneous gene therapy. Principles and prospects. *Dermatologic Clinics*, **2000**, 18, 177-88, xi	4.2	8
429	Increased glycosaminoglycans production in sclerosing basal cell carcinoma-derived fibroblasts and stimulation of normal skin fibroblast glycosaminoglycans production by a cytokine-derived from sclerosing basal cell carcinoma. *Dermatologic Surgery*, **2000**, 26, 1029-36	1.7	7
428	Revised classification system for inherited epidermolysis bullosa: Report of the Second International Consensus Meeting on diagnosis and classification of epidermolysis bullosa. *Journal of the American Academy of Dermatology*, **2000**, 42, 1051-66	4.5	45
427	Common fluorescent sunlamps are an inappropriate substitute for sunlight. *Photochemistry and Photobiology*, **2000**, 72, 340-4	3.6	27
426	Expression of the elastin promoter in novel tissue sites in transgenic mouse embryos. *Connective Tissue Research*, **1999**, 40, 155-62	3.3	0
425	Splicing modulation of integrin beta4 pre-mRNA carrying a branch point mutation underlies epidermolysis bullosa with pyloric atresia undergoing spontaneous amelioration with ageing. *Human Molecular Genetics*, **1999**, 8, 2097-105	5.6	48
424	The mechanism of respiratory failure in paraneoplastic pemphigus. *New England Journal of Medicine*, **1999**, 340, 1406-10	59.2	176
423	Plectin serves as an autoantigen in paraneoplastic pemphigus. *Journal of Investigative Dermatology*, **1999**, 113, 422-3	4.3	27
422	Moderation of phenotypic severity in dystrophic and junctional forms of epidermolysis bullosa through in-frame skipping of exons containing non-sense or frameshift mutations. *Journal of Investigative Dermatology*, **1999**, 113, 314-21	4.3	53
421	Novel proline substitution mutations in keratin 16 in two cases of pachyonychia congenita type 1. *British Journal of Dermatology*, **1999**, 141, 1010-6	4	25
420	Four novel plectin gene mutations in Japanese patients with epidermolysis bullosa with muscular dystrophy disclosed by heteroduplex scanning and protein truncation tests. *Journal of Investigative Dermatology*, **1999**, 112, 109-12	4.3	26
419	Dominant dystrophic epidermolysis bullosa (Pasini) caused by a novel glycine substitution mutation in the type VII collagen gene (COL7A1). *Journal of Investigative Dermatology*, **1999**, 112, 815-7	4.3	15
418	Recurrent COL7A1 mutations in Japanese patients with dystrophic epidermolysis bullosa: positional effects of premature termination codon mutations on clinical severity. Japanese Collaborative Study Group on Epidermolysis Bullosa. *Journal of Investigative Dermatology*, **1999**, 112, 991-3	4.3	27
417	Compound heterozygosity for novel splice site mutations in the BPAG2/COL17A1 gene underlies generalized atrophic benign epidermolysis bullosa. *Journal of Investigative Dermatology*, **1999**, 113, 1114-8	4.3	15
416	Molecular diagnostics of epidermolysis bullosa: novel pathomechanisms and surprising genetics. *Experimental Dermatology*, **1999**, 8, 92-5	4	3
415	A mutation detection strategy for the human keratin 6A gene and novel missense mutations in two cases of pachyonychia congenita type 1. *Experimental Dermatology*, **1999**, 8, 109-14	4	41

414	Diagnostic dilemma of "sporadic" cases of dystrophic epidermolysis bullosa: a new dominant or mitis recessive mutation?. *Experimental Dermatology*, **1999**, 8, 140-2	4	26
413	Squamous cell carcinoma in a family with dominant dystrophic epidermolysis bullosa: a molecular genetic study. *Experimental Dermatology*, **1999**, 8, 146-52	4	17
412	Cytokine modulation of type XV collagen gene expression in human dermal fibroblast cultures. *Experimental Dermatology*, **1999**, 8, 407-12	4	10
411	Cooperation between SMAD and NF-kappaB in growth factor regulated type VII collagen gene expression. *Oncogene*, **1999**, 18, 1837-44	9.2	59
410	Expression of plectin and HD1 epitopes in patients with epidermolysis bullosa simplex associated with muscular dystrophy. *Archives of Dermatological Research*, **1999**, 291, 531-7	3.3	13
409	180-kD bullous pemphigoid antigen/type XVII collagen: tissue-specific expression and molecular interactions with keratin 18. *Journal of Cellular Biochemistry*, **1999**, 72, 356-67	4.7	36
408	Human p120ctn catenin: Tissue-specific expression of isoforms and molecular interactions with BP180/type XVII collagen. *Journal of Cellular Biochemistry*, **1999**, 73, 390-399	4.7	24
407	The gene for hypotrichosis of Marie Unna maps between D8S258 and D8S298: exclusion of the hr gene by cDNA and genomic sequencing. *American Journal of Human Genetics*, **1999**, 65, 413-9	11	45
406	Epidermolysis bullosa simplex associated with muscular dystrophy: phenotype-genotype correlations and review of the literature. *Journal of the American Academy of Dermatology*, **1999**, 41, 950-6	4.5	64
405	A novel mutation in the helix termination motif of keratin K12 in a US family with Meesmann corneal dystrophy. *American Journal of Ophthalmology*, **1999**, 128, 687-91	4.9	44
404	Human periplakin: genomic organization in a clonally unstable region of chromosome 16p with an abundance of repetitive sequence elements. *Genomics*, **1999**, 56, 160-8	4.3	14
403	Targeted inactivation of the type VII collagen gene (Col7a1) in mice results in severe blistering phenotype: a model for recessive dystrophic epidermolysis bullosa. *Journal of Cell Science*, **1999**, 112, 3641-3648	5.3	117
402	Nuclear factor-kappa B mediates TNF-alpha inhibitory effect on alpha 2(I) collagen (COL1A2) gene transcription in human dermal fibroblasts. *Journal of Immunology*, **1999**, 162, 4226-34	5.3	88
401	Human p120ctn catenin: tissue-specific expression of isoforms and molecular interactions with BP180/type XVII collagen. *Journal of Cellular Biochemistry*, **1999**, 73, 390-9	4.7	9
400	Cloning of multiple keratin 16 genes facilitates prenatal diagnosis of pachyonychia congenita type 1. *Prenatal Diagnosis*, **1999**, 19, 941-6	3.2	3
399	Cycloheximide facilitates the identification of aberrant transcripts resulting from a novel splice-site mutation in COL17A1 in a patient with generalized atrophic benign epidermolysis bullosa. *Journal of Investigative Dermatology*, **1998**, 110, 165-9	4.3	21
398	Novel mutations in the LAMB3 gene shared by two Japanese unrelated families with Herlitz junctional epidermolysis bullosa, and their application for prenatal testing. *Journal of Investigative Dermatology*, **1998**, 110, 174-8	4.3	22
397	A novel in vivo model for evaluating agents that protect against ultraviolet A-induced photoaging. *Journal of Investigative Dermatology*, **1998**, 110, 343-7	4.3	19

396	Maternal uniparental meroisodisomy in the LAMB3 region of chromosome 1 results in lethal junctional epidermolysis bullosa. *Journal of Investigative Dermatology*, **1998**, 110, 828-31	4.3	27
395	The members of the plakin family of proteins recognized by paraneoplastic pemphigus antibodies include periplakin. *Journal of Investigative Dermatology*, **1998**, 111, 308-13	4.3	116
394	Novel COL7A1 mutations in dystrophic forms of epidermolysis bullosa. *Journal of Investigative Dermatology*, **1998**, 111, 534-7	4.3	32
393	The 97 kDa linear IgA bullous dermatosis antigen is not expressed in a patient with generalized atrophic benign epidermolysis bullosa with a novel homozygous G258X mutation in COL17A1. *Journal of Investigative Dermatology*, **1998**, 111, 887-92	4.3	19
392	Genomic organization and fine mapping of the keratin 2e gene (KRT2E): K2e V1 domain polymorphism and novel mutations in ichthyosis bullosa of Siemens. *Journal of Investigative Dermatology*, **1998**, 111, 817-21	4.3	28
391	Heterozygosity for premature termination codon mutations in LAMB3 in siblings with non-lethal junctional epidermolysis bullosa. *Journal of Investigative Dermatology*, **1998**, 111, 1244-6	4.3	10
390	Different frequency of gene targeting events by the RNA-DNA oligonucleotide among epithelial cells. *Journal of Investigative Dermatology*, **1998**, 111, 1172-7	4.3	46
389	Novel and de novo glycine substitution mutations in the type VII collagen gene (COL7A1) in dystrophic epidermolysis bullosa: implications for genetic counseling. *Journal of Investigative Dermatology*, **1998**, 111, 1210-3	4.3	24
388	Novel premature termination codon mutations in the laminin gamma2-chain gene (LAMC2) in Herlitz junctional epidermolysis bullosa. *Journal of Investigative Dermatology*, **1998**, 111, 1233-4	4.3	7
387	Mutations in keratin K9 in kindreds with epidermolytic palmoplantar keratoderma and epidemiology in Northern Ireland. *Journal of Investigative Dermatology*, **1998**, 111, 1207-9	4.3	38
386	Keratin 17 mutations cause either steatocystoma multiplex or pachyonychia congenita type 2. *British Journal of Dermatology*, **1998**, 139, 475-80	4	135
385	A recurrent glycine substitution mutation, G2043R, in the type VII collagen gene (COL7A1) in dominant dystrophic epidermolysis bullosa. *British Journal of Dermatology*, **1998**, 139, 730-7	4	28
384	Novel ITGB4 mutations in lethal and nonlethal variants of epidermolysis bullosa with pyloric atresia: missense versus nonsense. *American Journal of Human Genetics*, **1998**, 63, 1376-87	11	125
383	Direct interaction between the intracellular domains of bullous pemphigoid antigen 2 (BP180) and beta 4 integrin, hemidesmosomal components of basal keratinocytes. *Biochemical and Biophysical Research Communications*, **1998**, 243, 694-9	3.4	56
382	cDNA cloning, mRNA expression, and chromosomal mapping of human and mouse periplakin genes. *Genomics*, **1998**, 48, 242-7	4.3	43
381	A mutation in human keratin K6b produces a phenocopy of the K17 disorder pachyonychia congenita type 2. *Human Molecular Genetics*, **1998**, 7, 1143-8	5.6	143
380	Smad-dependent transcriptional activation of human type VII collagen gene (COL7A1) promoter by transforming growth factor-beta. *Journal of Biological Chemistry*, **1998**, 273, 13053-7	5.4	93
379	SMAD3/4-dependent transcriptional activation of the human type VII collagen gene (COL7A1) promoter by transforming growth factor beta. *Proceedings of the National Academy of Sciences of the United States of America*, **1998**, 95, 14769-74	11.5	152

378	Epidermolysis bullosa with pyloric atresia: novel mutations in the beta4 integrin gene (ITGB4). *American Journal of Pathology*, **1998**, 152, 157-66	5.8	42
377	Compound heterozygosity for missense (L156P) and nonsense (R554X) mutations in the beta4 integrin gene (ITGB4) underlies mild, nonlethal phenotype of epidermolysis bullosa with pyloric atresia. *American Journal of Pathology*, **1998**, 152, 935-41	5.8	23
376	Molecular mechanisms of cutaneous aging: connective tissue alterations in the dermis. *Journal of Investigative Dermatology Symposium Proceedings*, **1998**, 3, 41-4	1.1	52
375	Understanding premature skin aging. *New England Journal of Medicine*, **1997**, 337, 1463-5	59.2	112
374	Homozygous alpha6 integrin mutation in junctional epidermolysis bullosa with congenital duodenal atresia. *Human Molecular Genetics*, **1997**, 6, 669-74	5.6	158
373	Targeted disruption of the pemphigus vulgaris antigen (desmoglein 3) gene in mice causes loss of keratinocyte cell adhesion with a phenotype similar to pemphigus vulgaris. *Journal of Cell Biology*, **1997**, 137, 1091-102	7.3	388
372	Structural and functional characterization of the human perlecan gene promoter. Transcriptional activation by transforming growth factor-beta via a nuclear factor 1-binding element. *Journal of Biological Chemistry*, **1997**, 272, 5219-28	5.4	94
371	A GT-rich sequence binding the transcription factor Sp1 is crucial for high expression of the human type VII collagen gene (COL7A1) in fibroblasts and keratinocytes. *Journal of Biological Chemistry*, **1997**, 272, 10196-204	5.4	33
370	Dohi memorial lecture. Clinical implications of basic research on heritable skin diseases. *Journal of Dermatology*, **1997**, 24, 690-700	1.6	8
369	Cloning and chromosomal mapping of mouse ladinin, a novel basement membrane zone component. *Genomics*, **1997**, 39, 323-30	4.3	21
368	Revertant mosaicism in epidermolysis bullosa caused by mitotic gene conversion. *Cell*, **1997**, 88, 543-51	56.2	213
367	Three novel homozygous point mutations and a new polymorphism in the COL17A1 gene: relation to biological and clinical phenotypes of junctional epidermolysis bullosa. *American Journal of Human Genetics*, **1997**, 60, 1344-53	11	67
366	Characterization of 18 new mutations in COL7A1 in recessive dystrophic epidermolysis bullosa provides evidence for distinct molecular mechanisms underlying defective anchoring fibril formation. *American Journal of Human Genetics*, **1997**, 61, 599-610	11	132
365	Maternal uniparental disomy of chromosome 1 with reduction to homozygosity of the LAMB3 locus in a patient with Herlitz junctional epidermolysis bullosa. *American Journal of Human Genetics*, **1997**, 61, 611-9	11	82
364	Evaluation of sunscreens with various sun protection factors in a new transgenic mouse model of cutaneous photoaging that measures elastin promoter activation. *Journal of the American Academy of Dermatology*, **1997**, 37, 725-9	4.5	26
363	Screening of yeast transformants by chemiluminescence for detection of secreted heterologous proteins. *BioTechniques*, **1997**, 22, 1030-2	2.5	1
362	Propiomelanocortin (POMC) gene expression by normal skin and keloid fibroblasts in culture: modulation by cytokines. *Experimental Dermatology*, **1997**, 6, 111-5	4	33
361	A homozygous in-frame deletion in the collagenous domain of bullous pemphigoid antigen BP180 (type XVII collagen) causes generalized atrophic benign epidermolysis bullosa. *Journal of Investigative Dermatology*, **1997**, 109, 74-8	4.3	33

360	Premature termination codons are present on both alleles of the bullous pemphigoid antigen 2/type XVII collagen gene in five Austrian families with generalized atrophic benign epidermolysis bullosa. *Journal of Investigative Dermatology*, **1997**, 108, 463-8	4.3	38
359	Identification of novel glucocorticoid-response elements in human elastin promoter and demonstration of nucleotide sequence specificity of the receptor binding. *Journal of Investigative Dermatology*, **1997**, 108, 938-42	4.3	31
358	Novel ITGB4 mutations in a patient with junctional epidermolysis bullosa-pyloric atresia syndrome and altered basement membrane zone immunofluorescence for the alpha6beta4 integrin. *Journal of Investigative Dermatology*, **1997**, 108, 943-6	4.3	41
357	A glycine-to-arginine substitution in the triple-helical domain of type VII collagen in a family with dominant dystrophic epidermolysis bullosa pruriginosa. *Journal of Investigative Dermatology*, **1997**, 108, 947-9	4.3	34
356	Predominance of the recurrent mutation R635X in the LAMB3 gene in European patients with Herlitz junctional epidermolysis bullosa has implications for mutation detection strategy. *Journal of Investigative Dermatology*, **1997**, 109, 232-7	4.3	34
355	Recurrent mutations in the type VII collagen gene (COL7A1) in patients with recessive dystrophic epidermolysis bullosa. *Journal of Investigative Dermatology*, **1997**, 109, 246-9	4.3	47
354	Glycine substitution mutations in the type VII collagen gene (COL7A1) in dystrophic epidermolysis bullosa: implications for genetic counseling. *Journal of Investigative Dermatology*, **1997**, 108, 224-8	4.3	36
353	A combination of a common splice site mutation and a frameshift mutation in the COL7A1 gene: absence of functional collagen VII in keratinocytes and skin. *Journal of Investigative Dermatology*, **1997**, 109, 384-9	4.3	21
352	Novel glycine substitution mutations in COL7A1 reveal that the Pasini and Cockayne-Touraine variants of dominant dystrophic epidermolysis bullosa are allelic. *Journal of Investigative Dermatology*, **1997**, 109, 684-7	4.3	43
351	Genetic basis of dominantly inherited transient bullous dermolysis of the newborn: a splice site mutation in the type VII collagen gene. *Journal of Investigative Dermatology*, **1997**, 109, 811-4	4.3	50
350	Mutations in cornea-specific keratin K3 or K12 genes cause Meesmannls corneal dystrophy. *Nature Genetics*, **1997**, 16, 184-7	36.3	181
349	Epidermolysis bullosa: a spectrum of clinical phenotypes explained by molecular heterogeneity. *Trends in Molecular Medicine*, **1997**, 3, 457-65		46
348	Absence of R42X and R635X mutations in the LAMB3 gene in 12 Japanese patients with junctional epidermolysis bullosa. *Archives of Dermatological Research*, **1997**, 289, 174-6	3.3	15
347	Immunohistochemical analysis of the skin in junctional epidermolysis bullosa using laminin 5 chain specific antibodies is of limited value in predicting the underlying gene mutation. *British Journal of Dermatology*, **1997**, 136, 817-822	4	5
346	A recurrent laminin 5 mutation in British patients with lethal (Herlitz) junctional epidermolysis bullosa: evidence for a mutational hotspot rather than propagation of an ancestral allele. *British Journal of Dermatology*, **1997**, 136, 674-677	4	1
345	Molecular basis of dystrophic epidermolysis bullosa: mutations in the type VII collagen gene (COL7A1). *Human Mutation*, **1997**, 10, 338-47	4.7	78
344	Strategy for identification of sequence variants in COL7A1 and a novel 2-bp deletion mutation in recessive dystrophic epidermolysis bullosa. *Human Mutation*, **1997**, 10, 408-14	4.7	72
343	MUTATION-BASED PRENATAL DIAGNOSIS OF HERLITZ JUNCTIONAL EPIDERMOLYSIS BULLOSA **1997**, 17, 343-354		45

342	A novel reporter gene MEL1 for the yeast two-hybrid system. *Analytical Biochemistry*, **1997**, 253, 270-2	3.1	41
341	Cloning of the human type XVII collagen gene (COL17A1), and detection of novel mutations in generalized atrophic benign epidermolysis bullosa. *American Journal of Human Genetics*, **1997**, 60, 352-65	11	85
340	Detection of novel LAMC2 mutations in Herlitz junctional epidermolysis Bullosa. *Molecular Medicine* , **1997**, 3, 124-35	6.2	2
339	Strategy for identification of sequence variants in COL7A1 and a novel 2-bp deletion mutation in recessive dystrophic epidermolysis bullosa **1997**, 10, 408		17
338	A recurrent laminin 5 mutation in British patients with lethal (Herlitz) junctional epidermolysis bullosa: evidence for a mutational hotspot rather than propagation of an ancestral allele. *British Journal of Dermatology*, **1997**, 136, 674-7	4	1
337	Immunohistochemical analysis of the skin in junctional epidermolysis bullosa using laminin 5 chain specific antibodies is of limited value in predicting the underlying gene mutation. *British Journal of Dermatology*, **1997**, 136, 817-22	4	5
336	Immunohistochemical, ultrastructural, and molecular features of Kindler syndrome distinguish it from dystrophic epidermolysis bullosa. *Archives of Dermatology*, **1997**, 133, 1111-7		9
335	Recessive epidermolysis bullosa simplex associated with plectin mutations: infantile respiratory complications in two unrelated cases. *British Journal of Dermatology*, **1997**, 137, 898-906	4	9
334	An AP-1 binding sequence is essential for regulation of the human alpha2(I) collagen (COL1A2) promoter activity by transforming growth factor-beta. *Journal of Biological Chemistry*, **1996**, 271, 3272-8	5.4	270
333	Homozygous deletion mutations in the plectin gene (PLEC1) in patients with epidermolysis bullosa simplex associated with late-onset muscular dystrophy. *Human Molecular Genetics*, **1996**, 5, 1539-46	5.6	121
332	The effect of photodamage on dermal extracellular matrix. *Clinics in Dermatology*, **1996**, 14, 143-51	3	49
331	Long-term sun exposure alters the collagen of the papillary dermis. Comparison of sun-protected and photoaged skin by northern analysis, immunohistochemical staining, and confocal laser scanning microscopy. *Journal of the American Academy of Dermatology*, **1996**, 34, 209-18	4.5	174
330	Involvement of the AP-1 site within the 5L-flanking region of the stromelysin-1 gene in induction of the gene expression by UVA irradiation. *Archives of Dermatological Research*, **1996**, 288, 628-32	3.3	8
329	8-methoxypsoralen and ultraviolet a radiation activate the human elastin promoter in transgenic mice: in vivo and in vitro evidence for gene induction. *Photochemistry and Photobiology*, **1996**, 64, 369-74	3.6	26
328	Molecular complexity of the cutaneous basement membrane zone. *Molecular Biology Reports*, **1996**, 23, 35-46	2.8	79
327	Molecular complexity of the cutaneous basement membrane zone. Revelations from the paradigms of epidermolysis bullosa. *Experimental Dermatology*, **1996**, 5, 1-11	4	181
326	Plectin and human genetic disorders of the skin and muscle. The paradigm of epidermolysis bullosa with muscular dystrophy. *Experimental Dermatology*, **1996**, 5, 237-46	4	93
325	Chronic sun exposure alters both the content and distribution of dermal glycosaminoglycans. *British Journal of Dermatology*, **1996**, 135, 255-62	4	123

324	First trimester DNA-based exclusion of recessive dystrophic epidermolysis bullosa from chorionic villus sampling. *British Journal of Dermatology*, **1996**, 134, 734-9	4	21
323	A molecular defect in loricrin, the major component of the cornified cell envelope, underlies Vohwinkells syndrome. *Nature Genetics*, **1996**, 13, 70-7	36.3	214
322	Plectin deficiency results in muscular dystrophy with epidermolysis bullosa. *Nature Genetics*, **1996**, 13, 450-7	36.3	358
321	Clinicopathological correlations of compound heterozygous COL7A1 mutations in recessive dystrophic epidermolysis bullosa. *Journal of Investigative Dermatology*, **1996**, 107, 171-7	4.3	45
320	Molecular basis of recessive dystrophic epidermolysis bullosa: genotype/phenotype correlation in a case of moderate clinical severity. *Journal of Investigative Dermatology*, **1996**, 106, 119-24	4.3	65
319	Compound heterozygosity for nonsense ans missense mutations in the LAMB3 gene in nonlethal junctional epidermolysis bullosa. *Journal of Investigative Dermatology*, **1996**, 106, 1157-9	4.3	26
318	A common insertion mutation in COL7A1 in two Italian families with recessive dystrophic epidermolysis bullosa. *Journal of Investigative Dermatology*, **1996**, 106, 679-84	4.3	22
317	A homozygous deletion mutation in the gene encoding the 180-kDa bullous pemphigoid antigen (BPAG2) in a family with generalized atrophic benign epidermolysis bullosa. *Journal of Investigative Dermatology*, **1996**, 106, 771-4	4.3	60
316	Compound heterozygosity for nonsense and missense mutations in the LAMB3 gene in nonlethal junctional epidermolysis bullosa. *Journal of Investigative Dermatology*, **1996**, 106, 775-7	4.3	22
315	Cloning of mouse type VII collagen reveals evolutionary conservation of functional protein domains and genomic organization. *Journal of Investigative Dermatology*, **1996**, 106, 1300-6	4.3	19
314	Genetic basis of Bartls syndrome: a glycine substitution mutation in the type VII collagen gene. *Journal of Investigative Dermatology*, **1996**, 106, 1340-2	4.3	19
313	Cell-specific induction of distinct oncogenes of the Jun family is responsible for differential regulation of collagenase gene expression by transforming growth factor-beta in fibroblasts and keratinocytes. *Journal of Biological Chemistry*, **1996**, 271, 10917-23	5.4	124
312	Identification of a bimodal regulatory element encompassing a canonical AP-1 binding site in the proximal promoter region of the human decorin gene. *Journal of Biological Chemistry*, **1996**, 271, 24824-9	5.4	34
311	Mutational hotspots in the LAMB3 gene in the lethal (Herlitz) type of junctional epidermolysis bullosa. *Human Molecular Genetics*, **1996**, 5, 231-7	5.6	91
310	Loss of plectin causes epidermolysis bullosa with muscular dystrophy: cDNA cloning and genomic organization. *Genes and Development*, **1996**, 10, 1724-35	12.6	238
309	Cloning of the gene for human pemphigus vulgaris antigen (desmoglein 3), a desmosomal cadherin. Characterization of the promoter region and identification of a keratinocyte-specific cis-element. *Journal of Biological Chemistry*, **1996**, 271, 17504-11	5.4	30
308	A homozygous nonsense mutation in the PLEC1 gene in patients with epidermolysis bullosa simplex with muscular dystrophy. *Journal of Clinical Investigation*, **1996**, 98, 2196-200	15.9	75
307	Compound heterozygosity for a dominant glycine substitution and a recessive internal duplication mutation in the type XVII collagen gene results in junctional epidermolysis bullosa and abnormal dentition. *American Journal of Pathology*, **1996**, 148, 1787-96	5.8	83

306	Glycine substitutions in the triple-helical region of type VII collagen result in a spectrum of dystrophic epidermolysis bullosa phenotypes and patterns of inheritance. *American Journal of Human Genetics*, **1996**, 58, 671-81	11	76
305	Compound heterozygosity for COL7A1 mutations in twins with dystrophic epidermolysis bullosa: a recessive paternal deletion/insertion mutation and a dominant negative maternal glycine substitution result in a severe phenotype. *American Journal of Human Genetics*, **1996**, 58, 682-93	11	27
304	Prenatal diagnosis for recessive dystrophic epidermolysis bullosa in 10 families by mutation and haplotype analysis in the type VII collagen gene (COL7A1). *Molecular Medicine*, **1996**, 2, 59-76	6.2	6
303	Type VI collagen gene expression in experimental liver fibrosis: quantitation and spatial distribution of mRNAs, and immunodetection of the protein. *Liver*, **1995**, 15, 78-86		20
302	Genetic basis of lethal junctional epidermolysis bullosa in an affected fetus: implications for prenatal diagnosis in one family. *Prenatal Diagnosis*, **1995**, 15, 647-54	3.2	27
301	Disseminated cutaneous Pseudallescheria boydii. *British Journal of Dermatology*, **1995**, 132, 456-60	4	33
300	Integrin beta 4 mutations associated with junctional epidermolysis bullosa with pyloric atresia. *Nature Genetics*, **1995**, 10, 229-34	36.3	364
299	Mutations in the 180-kD bullous pemphigoid antigen (BPAG2), a hemidesmosomal transmembrane collagen (COL17A1), in generalized atrophic benign epidermolysis bullosa. *Nature Genetics*, **1995**, 11, 83-6	36.3	317
298	Tissue-specific expression of the 230-kDa bullous pemphigoid antigen gene (BPAG1). Identification of a novel keratinocyte regulatory cis-element KRE3. *Journal of Biological Chemistry*, **1995**, 270, 7609-14	5.4	17
297	DNA-based prenatal diagnosis of generalized recessive dystrophic epidermolysis bullosa in six pregnancies at risk for recurrence. *Journal of Investigative Dermatology*, **1995**, 104, 456-61	4.3	42
296	Identification of a homozygous one-basepair deletion in exon 14 of the LAMB3 gene in a patient with Herlitz junctional epidermolysis bullosa and prenatal diagnosis in a family at risk for recurrence. *Journal of Investigative Dermatology*, **1995**, 104, 462-6	4.3	65
295	Interferon-gamma coordinately upregulates matrix metalloprotease (MMP)-1 and MMP-3, but not tissue inhibitor of metalloproteases (TIMP), expression in cultured keratinocytes. *Journal of Investigative Dermatology*, **1995**, 104, 384-90	4.3	56
294	Ultraviolet radiation activates the human elastin promoter in transgenic mice: a novel in vivo and in vitro model of cutaneous photoaging. *Journal of Investigative Dermatology*, **1995**, 105, 269-73	4.3	68
293	A glycine-to-arginine substitution in the triple-helical domain of type VII collagen in a family with dominant dystrophic epidermolysis bullosa. *Journal of Investigative Dermatology*, **1995**, 104, 438-40	4.3	43
292	Altered laminin 5 expression due to mutations in the gene encoding the beta 3 chain (LAMB3) in generalized atrophic benign epidermolysis bullosa. *Journal of Investigative Dermatology*, **1995**, 104, 467-74	4.3	113
291	Identification of a homozygous exon-skipping mutation in the LAMC2 gene in a patient with Herlitzls junctional epidermolysis bullosa. *Journal of Investigative Dermatology*, **1995**, 104, 434-7	4.3	31
290	Interferon-gamma-mediated inactivation of transcription of the 230-kDa bullous pemphigoid antigen gene (BPAG1) provides novel insight into keratinocyte differentiation. *Journal of Biological Chemistry*, **1995**, 270, 392-6	5.4	29
289	Pretibial epidermolysis bullosa: genetic linkage to COL7A1 and identification of a glycine-to-cysteine substitution in the triple-helical domain of type VII collagen. *Human Molecular Genetics*, **1995**, 4, 1579-83	5.6	58

288	Transcriptional regulation of decorin gene expression. Induction by quiescence and repression by tumor necrosis factor-alpha. *Journal of Biological Chemistry*, **1995**, 270, 11692-700	5.4	114
287	Fibrillin immunofluorescence in pseudoxanthoma elasticum. *Journal of the American Academy of Dermatology*, **1995**, 32, 589-94	4.5	3
286	Cloning of the beta 3 chain gene (LAMB3) of human laminin 5, a candidate gene in junctional epidermolysis bullosa. *Genomics*, **1995**, 25, 192-8	4.3	54
285	Suppression of elastin gene expression in dermal fibroblasts by protein phosphatase inhibitor okadaic acid. *Biochemical and Biophysical Research Communications*, **1995**, 209, 175-81	3.4	4
284	A homozygous nonsense mutation in the alpha 3 chain gene of laminin 5 (LAMA3) in Herlitz junctional epidermolysis bullosa: prenatal exclusion in a fetus at risk. *Genomics*, **1995**, 29, 282-4	4.3	50
283	Cloning of the laminin alpha 3 chain gene (LAMA3) and identification of a homozygous deletion in a patient with Herlitz junctional epidermolysis bullosa. *Genomics*, **1995**, 30, 273-80	4.3	106
282	Differential cytokine modulation of the genes LAMA3, LAMB3, and LAMC2, encoding the constitutive polypeptides, alpha 3, beta 3, and gamma 2, of human laminin 5 in epidermal keratinocytes. *FEBS Letters*, **1995**, 368, 556-8	3.8	52
281	Detection of sequence variants in the gene encoding the beta 3 chain of laminin 5 (LAMB3). *Human Mutation*, **1995**, 6, 77-84	4.7	58
280	A transgenic mouse model provides a novel biological assay of topical glucocorticosteroid potency. *Archives of Dermatology*, **1995**, 131, 1274-8		
279	Premature termination codons on both alleles of the type VII collagen gene (COL7A1) in three brothers with recessive dystrophic epidermolysis bullosa. *Journal of Clinical Investigation*, **1995**, 95, 1328-34	15.9	38
278	Skin elastic fibres: regulation of human elastin promoter activity in transgenic mice. *Novartis Foundation Symposium*, **1995**, 192, 237-53; discussion 253-8		3
277	Premature termination codon mutations in the type VII collagen gene (COL7A1) underlie severe recessive dystrophic epidermolysis bullosa. *Proceedings of the Association of American Physicians*, **1995**, 107, 245-52		11
276	Use of spontaneously mutated human DNA as competitive internal standard for nucleic acid quantification by reverse transcription-polymerase chain reaction (RT-PCR). *Archivum Immunologiae Et Therapiae Experimentalis*, **1995**, 43, 111-5	4	
275	Healing impairment of open wounds by skin irradiation. *The Journal of Dermatologic Surgery and Oncology*, **1994**, 20, 757-60		25
274	A novel homozygous nonsense mutation in the LAMC2 gene in patients with the Herlitz junctional epidermolysis bullosa. *Human Molecular Genetics*, **1994**, 3, 1909-10	5.6	30
273	Genetic linkage mapping of heritable skin diseases: positional cloning versus the candidate gene approach. *Journal of Investigative Dermatology*, **1994**, 102, 825-6	4.3	
272	Type VII collagen specifically binds fibronectin via a unique subdomain within the collagenous triple helix. *Journal of Investigative Dermatology*, **1994**, 103, 637-41	4.3	29
271	Mouse 230-kDa bullous pemphigoid antigen gene: structural and functional characterization of the 5L-flanking region and interspecies conservation of the deduced amino-terminal peptide sequence of the protein. *Journal of Investigative Dermatology*, **1994**, 103, 651-5	4.3	11

270	Molecular basis of the dystrophic and junctional forms of epidermolysis bullosa: mutations in the type VII collagen and kalinin (laminin 5) genes. *Journal of Investigative Dermatology*, **1994**, 103, 39S-46S	4.3	60
269	Glucocorticosteroids up-regulate human elastin gene promoter activity in transgenic mice. *Journal of Investigative Dermatology*, **1994**, 103, 632-6	4.3	13
268	Molecular basis for the dystrophic forms of epidermolysis bullosa: mutations in the type VII collagen gene. *Archives of Dermatological Research*, **1994**, 287, 16-22	3.3	100
267	Expression of laminin, type IV procollagen and 230 kDa bullous pemphigoid antigen genes by keratinocytes and fibroblasts in culture: application of the polymerase chain reaction for detection of small amounts of messenger RNA. *Archives of Dermatological Research*, **1994**, 286, 408-13	3.3	6
266	cDNA cloning and chromosomal assignment of the mouse gene for desmoglein 3 (Dsg3), the pemphigus vulgaris antigen. *Mammalian Genome*, **1994**, 5, 803-4	3.2	19
265	Uncoordinate regulation of collagenase, stromelysin, and tissue inhibitor of metalloproteinases genes by prostaglandin E2: selective enhancement of collagenase gene expression in human dermal fibroblasts in culture. *Journal of Cellular Biochemistry*, **1994**, 54, 465-72	4.7	51
264	Type VII collagen gene expression by human skin fibroblasts and keratinocytes in culture: influence of donor age and cytokine responses. *Journal of Investigative Dermatology*, **1994**, 102, 205-9	4.3	46
263	Collagen VII in severe recessive dystrophic epidermolysis bullosa: expression of mRNA but lack of intact protein product in skin and cutaneous cells in vitro. *Journal of Investigative Dermatology*, **1994**, 102, 260-2	4.3	5
262	Mutations in the gamma 2 chain gene (LAMC2) of kalinin/laminin 5 in the junctional forms of epidermolysis bullosa. *Nature Genetics*, **1994**, 6, 293-7	36.3	273
261	Herlitzls junctional epidermolysis bullosa is linked to mutations in the gene (LAMC2) for the gamma 2 subunit of nicein/kalinin (LAMININ-5). *Nature Genetics*, **1994**, 6, 299-304	36.3	315
260	Transforming growth factor-beta up-regulates human elastin promoter activity in transgenic mice. *Biochemical and Biophysical Research Communications*, **1994**, 203, 485-90	3.4	21
259	Premature termination codons in the type VII collagen gene (COL7A1) underlie severe, mutilating recessive dystrophic epidermolysis bullosa. *Genomics*, **1994**, 21, 160-8	4.3	118
258	Structural organization of the human type VII collagen gene (COL7A1), composed of more exons than any previously characterized gene. *Genomics*, **1994**, 21, 169-79	4.3	157
257	A homozygous nonsense mutation in the beta 3 chain gene of laminin 5 (LAMB3) in Herlitz junctional epidermolysis bullosa. *Genomics*, **1994**, 24, 357-60	4.3	202
256	Enhanced elastin and fibrillin gene expression in chronically photodamaged skin. *Journal of Investigative Dermatology*, **1994**, 103, 182-6	4.3	174
255	Tufted angioma of the thigh. *Journal of the American Academy of Dermatology*, **1994**, 31, 307-11	4.5	45
254	Type VII collagen DNA linkage analysis in a Japanese family with dominant dystrophic epidermolysis bullosa. *Journal of Dermatological Science*, **1994**, 8, 165-70	4.3	2
253	Connective tissue alterations in systemic sclerosis. *Clinics in Dermatology*, **1994**, 12, 387-96	3	21

252	Effect of therapeutic radiation on wound healing. *Clinics in Dermatology*, **1994**, 12, 57-70	3	33
251	Classification of pseudoxanthoma elasticum: report of a consensus conference. *Journal of the American Academy of Dermatology*, **1994**, 30, 103-7	4.5	140
250	Dominant dystrophic epidermolysis bullosa: identification of a Gly-->Ser substitution in the triple-helical domain of type VII collagen. *Proceedings of the National Academy of Sciences of the United States of America*, **1994**, 91, 3549-53	11.5	109
249	Tissue-specific and developmentally regulated expression of human elastin promoter activity in transgenic mice. *Journal of Biological Chemistry*, **1994**, 269, 18072-5	5.4	33
248	Cloning of human type VII collagen. Complete primary sequence of the alpha 1(VII) chain and identification of intragenic polymorphisms. *Journal of Biological Chemistry*, **1994**, 269, 20256-62	5.4	144
247	Differential cytokine regulation of type I and type VII collagen gene expression in cultured human dermal fibroblasts. *Journal of Biological Chemistry*, **1994**, 269, 25-8	5.4	54
246	Identification of a DNA-binding protein (keratinocyte transcriptional protein-1) recognizing a keratinocyte-specific regulatory element in the 230-kDa bullous pemphigoid antigen gene. *Journal of Biological Chemistry*, **1994**, 269, 493-502	5.4	22
245	Elevated expression of type VII collagen in the skin of patients with systemic sclerosis. Regulation by transforming growth factor-beta. *Journal of Clinical Investigation*, **1994**, 93, 1709-15	15.9	86
244	Interleukin-10 modulates type I collagen and matrix metalloprotease gene expression in cultured human skin fibroblasts. *Journal of Clinical Investigation*, **1994**, 94, 2489-92	15.9	145
243	Mutations in the non-helical linker segment L1-2 of keratin 5 in patients with Weber-Cockayne epidermolysis bullosa simplex. *Journal of Cell Science*, **1994**, 107, 765-774	5.3	50
242	Recurrent nonsense mutations within the type VII collagen gene in patients with severe recessive dystrophic epidermolysis bullosa. *American Journal of Human Genetics*, **1994**, 55, 289-96	11	62
241	Recessive dystrophic epidermolysis bullosa keratinocytes synthesize type VII collagen alpha chains of normal molecular size but the anchoring fibril assembly is impaired. *Biochemical and Biophysical Research Communications*, **1993**, 193, 604-10	3.4	7
240	Chromosomal localization of mouse bullous pemphigoid antigens. BPAG1 and BPAG2: identification of a new region of homology between mouse and human chromosomes. *Genomics*, **1993**, 15, 180-1	4.3	21
239	cDNA cloning and chromosomal mapping of the mouse type VII collagen gene (Col7a1): evidence for rapid evolutionary divergence of the gene. *Genomics*, **1993**, 16, 733-9	4.3	23
238	L-Tryptophan and the Eosinophilia-Myalgia Syndrome: Current Understanding of the Etiology and Pathogenesis. *Journal of Investigative Dermatology*, **1993**, 100, S97-S105	4.3	33
237	Collagen gene expression and wound strength in normal and radiation-impaired wounds. A model of radiation-impaired wound healing. *The Journal of Dermatologic Surgery and Oncology*, **1993**, 19, 564-70		39
236	Identification of a leucine-to-proline mutation in the keratin 5 gene in a family with the generalized K¶bner type of epidermolysis bullosa simplex. *Human Mutation*, **1993**, 2, 94-102	4.7	54
235	A missense mutation in type VII collagen in two affected siblings with recessive dystrophic epidermolysis bullosa. *Nature Genetics*, **1993**, 4, 62-6	36.3	184

234	A homozygous insertion-deletion in the type VII collagen gene (COL7A1) in Hallopeau-Siemens dystrophic epidermolysis bullosa. *Nature Genetics*, **1993**, 5, 287-93	36.3	123
233	Direct interaction of antifungal azole-derivatives with calmodulin: a possible mechanism for their therapeutic activity. *Journal of Investigative Dermatology*, **1993**, 100, 343-6	4.3	53
232	Transcriptional interactions of transforming growth-factor-beta with pro-inflammatory cytokines. *Current Biology*, **1993**, 3, 822-31	6.3	48
231	Basement membranes during development of human nerve: Schwann cells and perineurial cells display marked changes in their expression profiles for laminin subunits and beta 1 and beta 4 integrins. *Journal of Neurocytology*, **1993**, 22, 215-30		62
230	DNA-based prenatal diagnosis of heritable skin diseases. *Archives of Dermatology*, **1993**, 129, 1455-9		5
229	Extracellular matrix gene expression by human keratinocytes and fibroblasts from donors of varying ages. *Transactions of the Association of American Physicians*, **1993**, 106, 168-78		5
228	Dystrophic forms of epidermolysis bullosa. *Seminars in Dermatology*, **1993**, 12, 191-201		13
227	Inherited epidermolysis bullosa. Clinical features, molecular genetics, and pathoetiologic mechanisms. *Dermatologic Clinics*, **1993**, 11, 549-63	4.2	1
226	Complete coding sequence, intron/exon organization, and chromosomal location of the gene for the core I protein of human ubiquinol-cytochrome c reductase. *Journal of Biological Chemistry*, **1993**, 268, 21113-9	5.4	14
225	Demonstration of interleukin 8 and autoantibodies to interleukin 8 in the serum of patients with systemic sclerosis and related disorders. *Archives of Dermatology*, **1993**, 129, 189-93		14
224	Human recombinant interleukin-1 beta up-regulates elastin gene expression in dermal fibroblasts. Evidence for transcriptional regulation in vitro and in vivo. *Journal of Biological Chemistry*, **1993**, 268, 6520-4	5.4	50
223	Cloning of type XVII collagen. Complementary and genomic DNA sequences of mouse 180-kilodalton bullous pemphigoid antigen (BPAG2) predict an interrupted collagenous domain, a transmembrane segment, and unusual features in the 5′-end of the gene and the 3′-untranslated region of the mRNA. *Journal of Biological Chemistry*, **1993**, 268, 8825-34	5.4	132
222	Epidermolytic hyperkeratosis (bullous congenital ichthyosiform erythroderma). Genetic linkage to chromosome 12q in the region of the type II keratin gene cluster. *Journal of Clinical Investigation*, **1993**, 91, 357-61	15.9	19
221	The human 230-kD bullous pemphigoid antigen gene (BPAG1). Exon-intron organization and identification of regulatory tissue specific elements in the promoter region. *Journal of Clinical Investigation*, **1993**, 92, 814-22	15.9	33
220	Epitope mapping of type VII collagen. Identification of discrete peptide sequences recognized by sera from patients with acquired epidermolysis bullosa. *Journal of Clinical Investigation*, **1993**, 92, 1831-9	15.9	142
219	Hyperglycemic glucose concentrations up-regulate the expression of type VI collagen in vitro. Relevance to alterations of peripheral nerves in diabetes mellitus. *American Journal of Pathology*, **1993**, 142, 1586-97	5.8	34
218	The large non-collagenous domain (NC-1) of type VII collagen is amino-terminal and chimeric. Homology to cartilage matrix protein, the type III domains of fibronectin and the A domains of von Willebrand factor. *Human Molecular Genetics*, **1992**, 1, 475-81	5.6	67
217	The cause and pathogenesis of the eosinophilia-myalgia syndrome. *Annals of Internal Medicine*, **1992**, 116, 140-7	8	57

216	Differential expression of laminin isoforms and beta 4 integrin epitopes in the basement membrane zone of normal human skin and basal cell carcinomas. *Journal of Investigative Dermatology*, **1992**, 98, 864-70	4.3	41
215	230-kD and 180-kD bullous pemphigoid antigens are distinct gene products. *Journal of Investigative Dermatology*, **1992**, 98, 942-3	4.3	14
214	Regulation of ornithine decarboxylase gene expression, polyamine levels, and DNA synthetic rates by all-trans-retinoic acid in cultured human keratinocytes. *Journal of Investigative Dermatology*, **1992**, 98, 327-32	4.3	9
213	Transforming growth factor-beta up-regulates the expression of the genes for beta 4 integrin and bullous pemphigoid antigens (BPAG1 and BPAG2) in normal and transformed human keratinocytes. *Journal of Investigative Dermatology*, **1992**, 99, 409-14	4.3	19
212	Cloning of partial cDNA for mouse 180-kDa bullous pemphigoid antigen (BPAG2), a highly conserved collagenous protein of the cutaneous basement membrane zone. *Journal of Investigative Dermatology*, **1992**, 99, 258-63	4.3	44
211	Polymorphism of the human genome: markers for genetic linkage analyses in heritable diseases of the skin. *Journal of Investigative Dermatology*, **1992**, 99, 519-23	4.3	7
210	Molecular biology and pathology of type VII collagen. *Experimental Dermatology*, **1992**, 1, 2-11	4	59
209	Eosinophilia-myalgia syndrome. *International Journal of Dermatology*, **1992**, 31, 223-8	1.7	7
208	Modulation of bullous pemphigoid antigen gene expression by □nterferon in cultured keratinocytes. *British Journal of Dermatology*, **1992**, 126, 468-473	4	4
207	Elevated expression of beta 1 and beta 2 integrins, intercellular adhesion molecule 1, and endothelial leukocyte adhesion molecule 1 in the skin of patients with systemic sclerosis of recent onset. *Arthritis and Rheumatism*, **1992**, 35, 290-8		83
206	Leukoregulin, a T-cell derived cytokine, upregulates stromelysin-1 gene expression in human dermal fibroblasts: evidence for the role of AP-1 in transcriptional activation. *Journal of Cellular Biochemistry*, **1992**, 50, 53-61	4.7	14
205	Differential extracellular matrix gene expression by fibroblasts during their proliferative life span in vitro and at senescence. *Journal of Cellular Physiology*, **1992**, 151, 147-55	7	31
204	Tumor necrosis factor-alpha down-regulates human elastin gene expression. Evidence for the role of AP-1 in the suppression of promoter activity. *Journal of Biological Chemistry*, **1992**, 267, 26134-41	5.4	64
203	Transcriptional activation of fibroblast stromelysin-1 and collagenase gene expression by a novel lymphokine, leukoregulin. *Transactions of the Association of American Physicians*, **1992**, 105, 100-9		
202	Transcriptional activation of fibroblast collagenase gene expression by a novel lymphokine, leukoregulin. *Journal of Biological Chemistry*, **1992**, 267, 5644-8	5.4	13
201	Leukoregulin, a T cell-derived cytokine, induces IL-8 gene expression and secretion in human skin fibroblasts. Demonstration and secretion in human skin fibroblasts. Demonstration of enhanced NF-kappa B binding and NF-kappa B-driven promoter activity. *Journal of Immunology*, **1992**, 149, 2969-76	5.3	12
200	Modulation of bullous pemphigoid antigen gene expression by gamma-interferon in cultured keratinocytes. *British Journal of Dermatology*, **1992**, 126, 468-73	4	5
199	Type VII collagen gene expression by cultured human cells and in fetal skin. Abundant mRNA and protein levels in epidermal keratinocytes. *Journal of Clinical Investigation*, **1992**, 89, 163-8	15.9	67

198	Genetic linkage of type VII collagen (COL7A1) to dominant dystrophic epidermolysis bullosa in families with abnormal anchoring fibrils. *Journal of Clinical Investigation*, **1992**, 89, 974-80	15.9	103
197	Genetic linkage of recessive dystrophic epidermolysis bullosa to the type VII collagen gene. *Journal of Clinical Investigation*, **1992**, 90, 1032-6	15.9	113
196	Molecular genetics of the cutaneous basement membrane zone. Perspectives on epidermolysis bullosa and other blistering skin diseases. *Journal of Clinical Investigation*, **1992**, 90, 687-92	15.9	134
195	Glucose transporters of rat peripheral nerve. Differential expression of GLUT1 gene by Schwann cells and perineural cells in vivo and in vitro. *Diabetes*, **1992**, 41, 1587-1596	0.9	10
194	In situ hybridization and immunodetection techniques for simultaneous localization of messenger RNAs and protein epitopes in tissue sections and cultured cells. *Methods in Enzymology*, **1991**, 203, 476-84	1.7	2
193	Activation of collagen gene expression in keloids: co-localization of type I and VI collagen and transforming growth factor-beta 1 mRNA. *Journal of Investigative Dermatology*, **1991**, 97, 240-8	4.3	202
192	Human nidogen gene: structural and functional characterization of the 5L-flanking region. *Journal of Investigative Dermatology*, **1991**, 97, 281-5	4.3	12
191	Transforming growth factor-beta improves healing of radiation-impaired wounds. *Journal of Investigative Dermatology*, **1991**, 97, 430-4	4.3	72
190	Expression of beta 4 integrins in human skin: comparison of epidermal distribution with beta 1-integrin epitopes, and modulation by calcium and vitamin D3 in cultured keratinocytes. *Journal of Investigative Dermatology*, **1991**, 97, 562-7	4.3	49
189	Elevated expression of the genes for transforming growth factor-beta 1 and type VI collagen in diffuse fasciitis associated with the eosinophilia-myalgia syndrome. *Journal of Investigative Dermatology*, **1991**, 96, 20-5	4.3	37
188	Hyperthermia potentiates the effects of aluminum phthalocyanine tetrasulfonate-mediated photodynamic toxicity in human malignant and normal cell lines. *Lasers in Surgery and Medicine*, **1991**, 11, 432-9	3.6	16
187	Human type VII collagen: cDNA cloning and chromosomal mapping of the gene. *Proceedings of the National Academy of Sciences of the United States of America*, **1991**, 88, 6931-5	11.5	173
186	Transforming growth factor-beta up-regulates type VII collagen gene expression in normal and transformed epidermal keratinocytes in culture. *Biochemical and Biophysical Research Communications*, **1991**, 180, 673-80	3.4	40
185	Bullous pemphigoid antigens (BPAGs): identification of RFLPs in human BPAG1 and BPAG2, and exclusion as candidate genes in a large kindred with dominant epidermolysis bullosa simplex. *Genomics*, **1991**, 11, 1025-9	4.3	6
184	Regulation of elastin gene expression. *Annals of the New York Academy of Sciences*, **1991**, 624, 116-36	6.5	33
183	Molecular biology and pathology of human elastin. *Biochemical Society Transactions*, **1991**, 19, 824-9	5.1	34
182	Combined use of in situ hybridization and unlabeled antibody peroxidase anti-peroxidase methods: simultaneous detection of type I procollagen mRNAs and factor VIII-related antigen epitopes in keloid tissue. *Laboratory Investigation*, **1991**, 64, 125-9	5.9	5
181	Human bullous pemphigoid antigen (BPAG1). Amino acid sequences deduced from cloned cDNAs predict biologically important peptide segments and protein domains. *Journal of Biological Chemistry*, **1991**, 266, 17784-90	5.4	157

180	Genomic organization of collagenous domains and chromosomal assignment of human 180-kDa bullous pemphigoid antigen-2, a novel collagen of stratified squamous epithelium. *Journal of Biological Chemistry*, **1991**, 266, 24064-9	5.4	78
179	Elastin genes and regulation of their expression. *Critical Reviews in Eukaryotic Gene Expression*, **1991**, 1, 145-56	1.3	2
178	Molecular pathology of collagen in cutaneous diseases. *Advances in Dermatology*, **1991**, 6, 265-86; discussion 287		5
177	Differential regulation of extracellular matrix proteoglycan (PG) gene expression. Transforming growth factor-beta 1 up-regulates biglycan (PGI), and versican (large fibroblast PG) but down-regulates decorin (PGII) mRNA levels in human fibroblasts in culture. *Journal of Biological Chemistry*, **1991**, 266, 10608-15	5.4	182
176	Plasticity of integrin expression by nerve-derived connective tissue cells. Human Schwann cells, perineurial cells, and fibroblasts express markedly different patterns of beta 1 integrins during nerve development, neoplasia, and in vitro. *Journal of Clinical Investigation*, **1991**, 87, 811-20	15.9	28
175	Human elastin gene: new evidence for localization to the long arm of chromosome 7. *American Journal of Human Genetics*, **1991**, 48, 696-703	11	62
174	Human type VII collagen: genetic linkage of the gene (COL7A1) on chromosome 3 to dominant dystrophic epidermolysis bullosa. *American Journal of Human Genetics*, **1991**, 49, 797-803	11	99
173	Mapping of epidermolysis bullosa simplex mutation to chromosome 12. *American Journal of Human Genetics*, **1991**, 49, 978-84	11	33
172	Increased matrix gene expression by glucose in rat neural connective tissue cells in culture. *Diabetes*, **1991**, 40, 605-611	0.9	7
171	Suppression of ornithine decarboxylase gene expression by retinoids in cultured human keratinocytes. *Journal of Investigative Dermatology*, **1990**, 94, 33-6	4.3	19
170	Evaluation of transforming growth factor beta and type I procollagen gene expression in fibrotic skin diseases by in situ hybridization. *Journal of Investigative Dermatology*, **1990**, 94, 365-71	4.3	129
169	Laser-induced photodynamic therapy with aluminum phthalocyanine tetrasulfonate as the photosensitizer: differential phototoxicity in normal and malignant human cells in vitro. *Journal of Investigative Dermatology*, **1990**, 94, 604-10	4.3	18
168	Regulation of elastin gene expression: evidence for functional promoter activity in the 5L-flanking region of the human gene. *Journal of Investigative Dermatology*, **1990**, 94, 191-6	4.3	39
167	Increased expression of type VI collagen genes in systemic sclerosis. *Arthritis and Rheumatism*, **1990** , 33, 1829-35		90
166	Novel function for beta 1 integrins in keratinocyte cell-cell interactions. *Journal of Cell Biology*, **1990**, 110, 803-15	7.3	308
165	Development of diffuse fasciitis with eosinophilia during L-tryptophan treatment: demonstration of elevated type I collagen gene expression in affected tissues. A clinicopathologic study of four patients. *Annals of Internal Medicine*, **1990**, 112, 344-51	8	65
164	Systemic isotretinoin: effects on dermal wound healing in a rabbit ear model in vivo. *The Journal of Dermatologic Surgery and Oncology*, **1990**, 16, 1142-6		29
163	Epidermolysis bullosa: evidence for linkage to genetic markers on chromosome 1 in a family with the autosomal dominant simplex form. *Genomics*, **1990**, 7, 377-81	4.3	22

162	Bullous pemphigoid antigen (BPAG1): cDNA cloning and mapping of the gene to the short arm of human chromosome 6. *Genomics*, **1990**, 8, 722-6	4.3	78
161	Selective Expression of Extracellular Matrix Genes Encoding Type VI Collagen and Laminin by Schwann Cells, Perineurial Cells, and Fibroblasts from Normal Nerve and Neurofibromasa. *Annals of the New York Academy of Sciences*, **1990**, 580, 501-504	6.5	3
160	Segmental neurofibromatosis: immunocytochemical analysis of cutaneous lesions. *Journal of the American Academy of Dermatology*, **1990**, 22, 617-21	4.5	18
159	Deletion analyses of 5L-flanking region of the human elastin gene. Delineation of functional promoter and regulatory cis-elements. *Journal of Biological Chemistry*, **1990**, 265, 9485-90	5.4	45
158	Eosinophilic fasciitis. Increased collagen production and type I procollagen messenger RNA levels in fibroblasts cultured from involved skin. *Archives of Dermatology*, **1990**, 126, 613-7		5
157	Tumor necrosis factor-alpha and interferon-gamma suppress the activation of human type I collagen gene expression by transforming growth factor-beta 1. Evidence for two distinct mechanisms of inhibition at the transcriptional and posttranscriptional levels. *Journal of Clinical Investigation*, **1990**, 86, 1489-95	15.9	157
156	Fibrotic skin diseases. Clinical presentations, etiologic considerations, and treatment options. *Archives of Dermatology*, **1990**, 126, 661-4		16
155	Extracellular Matrix of the Skin: 50 Years of Progress. *Journal of Investigative Dermatology*, **1989**, 92, S61-S77	4.3	86
154	Expression of extracellular matrix genes by cultured human cells: localization of messenger RNAs and antigenic epitopes. *Analytical Biochemistry*, **1989**, 178, 184-93	3.1	26
153	Differential expression of type IV procollagen and laminin genes by fetal vs adult skin fibroblasts in culture: determination of subunit mRNA steady-state levels. *Journal of Investigative Dermatology*, **1989**, 93, 127-31	4.3	27
152	Human laminin A chain (LAMA) gene: chromosomal mapping to locus 18p11.3. *Genomics*, **1989**, 5, 932-5	4.3	28
151	Human nidogen: complete amino acid sequence and structural domains deduced from cDNAs, and evidence for polymorphism of the gene. *DNA and Cell Biology*, **1989**, 8, 581-94		60
150	Connective tissue biochemistry of the aging dermis. Age-associated alterations in collagen and elastin. *Clinics in Geriatric Medicine*, **1989**, 5, 127-47	3.8	7
149	Molecular mechanisms of cutaneous aging. Age-associated connective tissue alterations in the dermis. *Journal of the American Academy of Dermatology*, **1989**, 21, 614-22	4.5	26
148	Characterization of the complete human elastin gene. Delineation of unusual features in the 5L-flanking region. *Journal of Biological Chemistry*, **1989**, 264, 8887-91	5.4	87
147	Collagen gene expression by cultured human skin fibroblasts. Abundant steady-state levels of type VI procollagen messenger RNAs. *Journal of Clinical Investigation*, **1989**, 83, 791-5	15.9	43
146	Type 1 neurofibromatosis: selective expression of extracellular matrix genes by Schwann cells, perineurial cells, and fibroblasts in mixed cultures. *Journal of Clinical Investigation*, **1989**, 84, 253-61	15.9	45
145	Localization of integrin receptors for fibronectin, collagen, and laminin in human skin. Variable expression in basal and squamous cell carcinomas. *Journal of Clinical Investigation*, **1989**, 84, 1916-23	15.9	185

144	Genetic linkage analysis of hereditary arthro-ophthalmopathy (Stickler syndrome) and the type II procollagen gene. *American Journal of Human Genetics*, **1989**, 45, 681-8	11	76
143	Human nidogen: cDNA cloning, cellular expression, and mapping of the gene to chromosome Iq43. *American Journal of Human Genetics*, **1989**, 44, 876-85	11	33
142	Mechanism of tissue fusion in argon laser-welded vein-artery anastomoses. *Lasers in Surgery and Medicine*, **1988**, 8, 83-9	3.6	56
141	Cellular effects of the pulsed tunable dye laser at 577 nanometers on human endothelial cells, fibroblasts, and erythrocytes: an in vitro study. *Lasers in Surgery and Medicine*, **1988**, 8, 567-72	3.6	40
140	Cloning of full-length elastin cDNAs from a human skin fibroblast recombinant cDNA library: further elucidation of alternative splicing utilizing exon-specific oligonucleotides. *Journal of Investigative Dermatology*, **1988**, 91, 458-64	4.3	81
139	Selectively enhanced procollagen gene expression in sclerosing (morphea-like) basal cell carcinoma as reflected by elevated pro alpha 1(I) and pro alpha 1(III) procollagen messenger RNA steady-state levels. *Journal of Investigative Dermatology*, **1988**, 90, 634-8	4.3	20
138	Expression of basement membrane zone genes coding for type IV procollagen and laminin by human skin fibroblasts in vitro: elevated alpha 1 (IV) collagen mRNA levels in lipoid proteinosis. *Journal of Investigative Dermatology*, **1988**, 90, 734-8	4.3	44
137	Modulation of collagen metabolism by glucocorticoids. Receptor-mediated effects of dexamethasone on collagen biosynthesis in chick embryo fibroblasts and chondrocytes. *Biochemical Pharmacology*, **1988**, 37, 1451-62	6	45
136	Ultrastructural characteristics of keloid fibroblasts. *American Journal of Dermatopathology*, **1988**, 10, 505-8	0.9	22
135	The flashlamp-pumped 577-nm pulsed tunable dye laser: clinical efficacy and in vitro studies. *The Journal of Dermatologic Surgery and Oncology*, **1988**, 14, 1200-8		55
134	Cutis laxa: reduced elastin gene expression in skin fibroblast cultures as determined by hybridizations with a homologous cDNA and an exon 1-specific oligonucleotide. *Journal of Biological Chemistry*, **1988**, 263, 6465-7	5.4	46
133	Wernerls syndrome. Evidence for preferential regional expression of a generalized mesenchymal cell defect. *Archives of Dermatology*, **1988**, 124, 90-101		15
132	Retinoid modulation of collagenase production by adherent human mononuclear cells in culture. *Annals of the Rheumatic Diseases*, **1987**, 46, 357-62	2.4	7
131	Biostimulation of wound healing by lasers: experimental approaches in animal models and in fibroblast cultures. *The Journal of Dermatologic Surgery and Oncology*, **1987**, 13, 127-33		186
130	Biostimulation of wound healing in vivo by a helium-neon laser. *Annals of Plastic Surgery*, **1987**, 18, 47-50	1.7	180
129	Aortitis presenting as Buergerls disease. *Annals of Vascular Surgery*, **1987**, 1, 591-4	1.7	1
128	Lipoid proteinosis: ultrastructural and biochemical studies. *Journal of the American Academy of Dermatology*, **1987**, 16, 1193-201	4.5	67
127	Laser modulation of human immune system: inhibition of lymphocyte proliferation by a gallium-arsenide laser at low energy. *Lasers in Surgery and Medicine*, **1987**, 7, 199-201	3.6	56

126	Large vessel sealing with the argon laser. *Lasers in Surgery and Medicine*, **1987**, 7, 229-35	3.6	40
125	Procollagen gene expression by scleroderma fibroblasts in culture. Inhibition of collagen production and reduction of pro alpha 1(I) and pro alpha 1(III) collagen messenger RNA steady-state levels by retinoids. *Arthritis and Rheumatism*, **1987**, 30, 404-11		67
124	Laser vascular welding How does it work?. *Annals of Vascular Surgery*, **1987**, 1, 461-464	1.7	20
123	Regulation of collagen gene expression in cutaneous diseases with dermal fibrosis: evidence for pretranslational control. *Journal of Investigative Dermatology*, **1987**, 88, 727-31	4.3	39
122	Inhibition of prolyl hydroxylation during collagen biosynthesis in human skin fibroblast cultures by ethyl 3,4-dihydroxybenzoate. *Journal of Investigative Dermatology*, **1987**, 89, 405-9	4.3	17
121	Modulation of collagen metabolism in cultured human skin fibroblasts by dexamethasone: correlation with glucocorticoid receptor density. *Acta Dermato-Venereologica*, **1987**, 67, 106-15	2.2	2
120	Glucocorticoid receptors in cultured human skin fibroblasts: evidence for down-regulation of receptor by glucocorticoid hormone. *Acta Dermato-Venereologica*, **1987**, 67, 461-8	2.2	2
119	Reduction of collagen production in keloid fibroblast cultures by ethyl-3,4-dihydroxybenzoate. Inhibition of prolyl hydroxylase activity as a mechanism of action. *Journal of Biological Chemistry*, **1987**, 262, 9397-403	5.4	62
118	Argon laser-welded arteriovenous anastomoses. *Journal of Vascular Surgery*, **1987**, 6, 447-53	3.5	14
117	Heritable skin diseases with molecular defects in collagen or elastin. *Dermatologic Clinics*, **1987**, 5, 63-84	4.2	10
116	Paraproteinemia in patients with scleredema. Clinical findings and serum effects on skin fibroblasts in vitro. *Journal of the American Academy of Dermatology*, **1987**, 16, 96-107	4.5	9
115	Doxorubicin-induced inhibition of prolyl hydroxylation during collagen biosynthesis in human skin fibroblast cultures. Relevance to imparied wound healing. *Journal of Clinical Investigation*, **1987**, 80, 1735-41	159	34
114	Scleredema and paraproteinemia. Enhanced collagen production and elevated type I procollagen messenger RNA level in fibroblasts grown from cultures from the fibrotic skin of a patient. *Archives of Dermatology*, **1987**, 123, 226-9		33
113	Biological effects of laser welding on vascular healing. *Lasers in Surgery and Medicine*, **1986**, 6, 137-41	3.6	74
112	Progressive nodular fibrosis of the skin: altered procollagen and collagenase expression by cultured fibroblasts. *Journal of Investigative Dermatology*, **1986**, 87, 210-6	4.3	12
111	Proteolytic enzymes in blister fluids from patients with dermatitis herpetiformis. *British Journal of Dermatology*, **1986**, 114, 295-302	4	22
110	Collagenase production by human mononuclear cells in culture: inhibition by gold containing compounds and other antirheumatic agents. *Annals of the Rheumatic Diseases*, **1986**, 45, 996-1003	2.4	9
109	Inhibition of type II procollagen to collagen conversion by lysine derivatives and related compounds. Mapping of the inhibitory structural features. *Biochemical Pharmacology*, **1986**, 35, 532-5	6	2

108	Laser welding: an alternative method of venous repair. *Journal of Surgical Research*, **1986**, 41, 260-3	2.5	24
107	Demonstration of elevated type I and type III procollagen mRNA levels in cutaneous wounds treated with helium-neon laser. Proposed mechanism for enhanced wound healing. *Biochemical and Biophysical Research Communications*, **1986**, 138, 1123-8	3.4	140
106	Connective tissue biochemistry of neurofibromas. *Annals of the New York Academy of Sciences*, **1986**, 486, 271-86	6.5	17
105	Skin closure by Nd:YAG laser welding. *Journal of the American Academy of Dermatology*, **1986**, 14, 810-4	4.5	49
104	Use of lasers for closure of cutaneous wounds: experience with Nd:YAG, argon and CO2 lasers. *The Journal of Dermatologic Surgery and Oncology*, **1986**, 12, 1181-5		39
103	Characterization of elastase-like enzymes in various blistering diseases. *Acta Dermato-Venereologica*, **1986**, 66, 1-5	2.2	3
102	Connective tissue biochemistry of the aging dermis. Age-related alterations in collagen and elastin. *Dermatologic Clinics*, **1986**, 4, 433-46	4.2	40
101	Glucocorticoid action on connective tissue: from molecular mechanisms to clinical practice. *Medical Biology*, **1986**, 64, 221-30		44
100	Laser welding of large diameter arteries and veins. *ASAIO Transactions*, **1986**, 32, 181-3		2
99	UCLA conference. Biochemistry of collagen in diseases. *Annals of Internal Medicine*, **1986**, 105, 740-56	8	47
98	Altered steady-state ratio of type I/III procollagen mRNAs correlates with selectively increased type I procollagen biosynthesis in cultured keloid fibroblasts. *Proceedings of the National Academy of Sciences of the United States of America*, **1985**, 82, 5935-9	11.5	179
97	Biochemical composition of the connective tissue in keloids and analysis of collagen metabolism in keloid fibroblast cultures. *Journal of Investigative Dermatology*, **1985**, 84, 384-90	4.3	198
96	Demonstration of cellular retinoic acid binding protein in cultured human skin fibroblasts. *British Journal of Dermatology*, **1985**, 113, 529-35	4	15
95	Computer analysis of laser dosimetry data: a method of accurate energy density delivery. *Lasers in Surgery and Medicine*, **1985**, 5, 439-47	3.6	5
94	Mitral valve prolapse in sickle cell disease: manifestation of a generalized connective tissue disorder. *American Journal of Hematology*, **1985**, 19, 1-12	7.1	20
93	Elastoderma--disease of elastin accumulation within the skin. *New England Journal of Medicine*, **1985**, 312, 771-4	59.2	28
92	Altered Type I/Type III Procollagen mRNA in Cultured Keloid Fibroblasts. *Annals of the New York Academy of Sciences*, **1985**, 460, 514-516	6.5	1
91	Differential effects of Nd-YAG laser on collagen and elastin production by chick embryo aortae in vitro. Relevance to laser angioplasty for removal of atherosclerotic plaques. *Biochemical and Biophysical Research Communications*, **1985**, 131, 462-8	3.4	3

90	Phenytoin modulates connective tissue metabolism and cell proliferation in human skin fibroblast cultures. *Archives of Dermatology*, **1985**, 121, 79-83		8
89	Connective tissue alterations in skin exposed to natural and therapeutic UV-radiation. *Photo-dermatology*, **1985**, 2, 15-26		7
88	Retinoid modulation of connective tissue metabolism in keloid fibroblast cultures. *Archives of Dermatology*, **1985**, 121, 632-5		4
87	Demonstration of elastin gene expression in human skin fibroblast cultures and reduced tropoelastin production by cells from a patient with atrophoderma. *Journal of Clinical Investigation*, **1985**, 75, 672-8	15.9	46
86	Modulation of procollagen gene expression by retinoids. Inhibition of collagen production by retinoic acid accompanied by reduced type I procollagen messenger ribonucleic acid levels in human skin fibroblast cultures. *Journal of Clinical Investigation*, **1985**, 75, 1545-53	15.9	103
85	Ultraviolet radiation-induced connective tissue changes in the skin of hairless mice. *Journal of Investigative Dermatology*, **1984**, 82, 587-90	4.3	72
84	Nonthermal effects of ND:YAG laser on biological functions of human skin fibroblasts in culture. *Lasers in Surgery and Medicine*, **1984**, 3, 279-84	3.6	61
83	Laser treatment of keloids: a clinical trial and an in vitro study with Nd:YAG laser. *Lasers in Surgery and Medicine*, **1984**, 4, 291-5	3.6	74
82	Anetoderma: biochemical and ultrastructural demonstration of an elastin defect in the skin of three patients. *Journal of the American Academy of Dermatology*, **1984**, 11, 64-72	4.5	37
81	Connective tissue diseases. *Journal of the American Academy of Dermatology*, **1984**, 11, 990-4	4.5	
80	Control of connective tissue metabolism by lasers: recent developments and future prospects. *Journal of the American Academy of Dermatology*, **1984**, 11, 1142-50	4.5	211
79	Scleroderma-like changes in insulin-dependent diabetes mellitus: clinical and biochemical studies. *Diabetes Care*, **1984**, 7, 163-9	14.6	92
78	Calcium-dependent conversion of procollagen to collagen and its inhibition by other divalent cations. *Biochemical Pharmacology*, **1984**, 33, 695-7	6	6
77	Association of hemolytic anemia and early-onset pulmonary emphysema in three siblings. *Journal of Pediatrics*, **1984**, 105, 247-51	3.6	10
76	Pharmacological inhibition of excessive collagen deposition in fibrotic diseases. *Federation Proceedings*, **1984**, 43, 2815-20		19
75	Verrucous lupus erythematosus: ultrastructural studies on a distinct variant of chronic discoid lupus erythematosus. *Journal of the American Academy of Dermatology*, **1983**, 9, 82-90	4.5	34
74	Conformational stability of type I collagen triple helix: evidence for temporary and local relaxation of the protein conformation using a proteolytic probe. *Archives of Biochemistry and Biophysics*, **1983**, 223, 562-71	4.1	67
73	Wound healing: biological effects of Nd:YAG laser on collagen metabolism in pig skin in comparison to thermal burn. *Annals of Plastic Surgery*, **1983**, 11, 131-40	1.7	33

72	Demonstration of collagenase and elastase activities in the blister fluids from bullous skin diseases. Comparison between dermatitis herpetiformis and bullous pemphigoid. *Journal of Investigative Dermatology*, **1983**, 81, 261-6	4.3	55
71	Proline analogues inhibit human skin fibroblast growth and collagen production in culture. *Journal of Investigative Dermatology*, **1983**, 80, 261-7	4.3	64
70	Proteinases in human polymorphonuclear leukocytes. Purification and characterization of an enzyme which cleaves denatured collagen and a synthetic peptide with a Gly-Ile sequence. *FEBS Journal*, **1983**, 134, 129-37		16
69	Elastic fibers in human skin: quantitation of elastic fibers by computerized digital image analyses and determination of elastin by radioimmunoassay of desmosine. *Laboratory Investigation*, **1983**, 49, 499-505	5.9	4
68	Effects of the Nd:YAG laser on DNA synthesis and collagen production in human skin fibroblast cultures. *Annals of Plastic Surgery*, **1983**, 11, 214-22	1.7	8
67	Selective emergence of differentiated chondrocytes during serum-free culture of cells derived from fetal rat calvaria. *Journal of Cell Biology*, **1982**, 92, 493-504	7.3	34
66	Conversion of type II procollagen to collagen in vitro: removal of the carboxy-terminal extension is inhibited by several naturally occurring amino acids, polyamines, and structurally related compounds. *Archives of Biochemistry and Biophysics*, **1982**, 215, 230-6	4.1	15
65	Glycosylation of human glomerular basement membrane collagen: increased content of hexose in ketoamine linkage and unaltered hydroxylysine-O-glycosides in patients with diabetes. *Connective Tissue Research*, **1982**, 10, 287-96	3.3	44
64	Marfan syndrome. Demonstration of abnormal elastin in aorta. *Journal of Clinical Investigation*, **1982**, 70, 1245-52	15.9	73
63	Elastin in Diseases. *Journal of Investigative Dermatology*, **1982**, 79, 160-168	4.3	19
62	Inhibition of Collagen Accumulation in Fibrotic Processes: Review of Pharmacologic Agents and New Approaches with Amino Acids and Their Analogues. *Journal of Investigative Dermatology*, **1982**, 79, 113-120	4.3	10
61	Assay of collagenase activity by a rapid, sensitive, and specific method. *Collagen and Related Research*, **1982**, 2, 117-30		37
60	Nonenzymatic Glycosylation of Collagen and other Proteins: Relationship to Development of Diabetic Complications. *Collagen and Related Research*, **1982**, 2, 83-90		34
59	Steroid-induced dermal atrophy: effects of glucocorticosteroids on collagen metabolism in human skin fibroblast cultures. *International Journal of Dermatology*, **1982**, 21, 333-7	1.7	33
58	Decreased collagenase production by regional fibroblasts cultured from skin of a patient with connective tissue nevi of the collagen type. *Journal of Investigative Dermatology*, **1982**, 78, 136-40	4.3	34
57	Synthesis of type I procollagen: formation of interchain disulfide bonds before complete hydroxylation of the protein. *Archives of Biochemistry and Biophysics*, **1981**, 210, 445-54	4.1	9
56	Human skin fibroblasts in culture: procollagen synthesis in the presence of sera from normal human subjects and from patients with dermal fibroses. *Journal of Investigative Dermatology*, **1981**, 76, 462-7	4.3	14
55	Biochemical and ultrastructural demonstration of elastin accumulation in the skin lesions of the Buschke-Ollendorff syndrome. *Journal of Investigative Dermatology*, **1981**, 76, 284-7	4.3	57

54	Mitral valve prolapse: a consistent manifestation of type IV Ehlers-Danlos syndrome. The pathogenetic role of the abnormal production of type III collagen. *Circulation*, **1981**, 64, 121-5	16.7	97
53	Focal dermal hypoplasia: abnormal growth characteristics of skin fibroblasts in culture. *Journal of Investigative Dermatology*, **1980**, 75, 170-5	4.3	27
52	Comparison of nerve cell and nerve cell plus Schwann cell cultures, with particular emphasis on basal lamina and collagen formation. *Journal of Cell Biology*, **1980**, 84, 184-202	7.3	220
51	Morphea and lichen sclerosus et atrophicus. Clinical and histopathologic studies in patients with combined features. *Journal of the American Academy of Dermatology*, **1980**, 3, 271-9	4.5	94
50	Connective tissue nevi of the skin. Clinical, genetic, and histopathologic classification of hamartomas of the collagen, elastin, and proteoglycan type. *Journal of the American Academy of Dermatology*, **1980**, 3, 441-61	4.5	28
49	Increased collagen cross-linkages in experimental diabetes: reversal by beta-aminopropionitrile and D-penicillamine. *Diabetes*, **1980**, 29, 778-781	0.9	33
48	Lung collagen in type IV Ehlers-Danlos syndrome: ultrastructural and biochemical studies. *The American Review of Respiratory Disease*, **1980**, 122, 971-8		25
47	Biochemistry of the elastic fibers in normal connective tissues and its alterations in diseases. *Journal of Investigative Dermatology*, **1979**, 72, 1-10	4.3	153
46	Familial cutaneous collagenoma: genetic studies on a family. *British Journal of Dermatology*, **1979**, 101, 185-95	4	108
45	Collagen in cutaneous diseases. *International Journal of Dermatology*, **1979**, 18, 251-70	1.7	50
44	Conversion of type II procollagen to collagen. Extracellular removal of the amino-terminal and carboxy-terminal extensions without a preferential sequence. *FEBS Journal*, **1979**, 99, 97-103		28
43	Collagen polymorphism: isolation and partial characterization of alpha 1(I)-trimer molecules in normal human skin. *Archives of Biochemistry and Biophysics*, **1979**, 192, 371-9	4.1	113
42	Increased collagen prolyl hydroxylase activity in the aortic wall of rabbits exposed to chronic hypoxia. *Atherosclerosis*, **1979**, 33, 379-84	3.1	8
41	Enhanced collagenase production by fibroblasts derived from human basal cell carcinomas. *Cancer Research*, **1979**, 39, 4594-9	10.1	79
40	Chromomycosis. Successful treatment with 5-fluorocytosine. *Journal of Cutaneous Pathology*, **1979**, 6, 77-84	1.7	11
39	Scleroderma: increased biosynthesis of triple-helical type I and type III procollagens associated with unaltered expression of collagenase by skin fibroblasts in culture. *Journal of Clinical Investigation*, **1979**, 64, 921-30	15.9	200
38	Verrucous lesion in patients with discoid lupus erythematosus. Clinical, histopathological and immunofluorescence studies. *British Journal of Dermatology*, **1978**, 98, 507-20	4	75
37	Procollagen polypeptides containing cis-4-hydroxy-L-proline are overglycosylated and secreted as nonhelical pro-gamma-chains. *Archives of Biochemistry and Biophysics*, **1978**, 185, 214-21	4.1	28

36	Purification and partial characterization of the type II procollagen synthesized by embryonic cartilage cells. *Archives of Biochemistry and Biophysics*, **1977**, 179, 654-62	4.1	23
35	Incorporation of proline analogs into procollagen. Assay for replacement of imino acids by cis-4-hydroxy-L-proline and cis-4-fluoro-L-proline. *Archives of Biochemistry and Biophysics*, **1977**, 181, 293-9	4.1	39
34	Human leukocyte collagenase: characterization of enzyme kinetics by a new method. *Analytical Biochemistry*, **1977**, 83, 557-69	3.1	66
33	Synthesis of elastin and procallagen by cells from embryonic aorta. Differences in the role of hydroxyproline and the effects of proline analogs on the secretion of the two proteins. *Archives of Biochemistry and Biophysics*, **1976**, 173, 187-200	4.1	107
32	Removal of amino-terminal and carboxy-terminal extension peptides from procollagen during synthesis of chick embryo tendon collagen. *Biochemical and Biophysical Research Communications*, **1976**, 71, 60-7	3.4	15
31	Cleavage of human fibroblast type I procollagen by mammalian collagenase: demonstration of amino- and carboxy-terminal extension peptides. *Biochemical and Biophysical Research Communications*, **1976**, 73, 665-72	3.4	6
30	Defects in the biochemistry of collagen in diseases of connective tissue. *Journal of Investigative Dermatology*, **1976**, 66, 59-79	4.3	120
29	Retention of nonhelical procollagen containing cis-hydroxyproline in rough endoplasmic reticulum. *Science*, **1975**, 190, 1202-4	33.3	40
28	Hydroxylation of peptide-bound proline and lysine before and after chain completion of the polypeptide chains of procollagen. *Archives of Biochemistry and Biophysics*, **1974**, 164, 210-7	4.1	39
27	The effect of chronic hypoxia on lactate dehydrogenase in rabbit arterial wall. Biochemical studies on normal and injured aortas. *Atherosclerosis*, **1974**, 20, 295-301	3.1	5
26	Synthesis and secretion of under-hydroxylated procollagen at various temperatures by cells subject to temporary anoxia. *Biochemical and Biophysical Research Communications*, **1974**, 60, 414-23	3.4	52
25	Intracellular hydroxylation of non-helical protocollagen to form triple-helical procollagen and subsequent secretion of the molecule. *FEBS Journal*, **1974**, 43, 221-30		58
24	Rate of helix formation by intracellular procollagen and protocollagen. Evidence for a role for disulfide bonds. *Biochemical and Biophysical Research Communications*, **1973**, 55, 904-11	3.4	44
23	Protocollagen proline hydroxylase activity in rat heart during experimental cardiac hypertrophy. *Circulation Research*, **1972**, 30, 205-9	15.7	65
22	Injury and repair in arterial tissue in the rabbit. Analysis of DNA, RNA, hydroxyproline, and lactate dehydrogenase in experimental arteriosclerosis. *Circulation Research*, **1972**, 30, 123-30	15.7	22
21	Assay of lactate dehydrogenase in human skin: total activity and isoenzyme composition. *Clinica Chimica Acta*, **1972**, 36, 43-50	6.2	9
20	Corticosteroid-induced inhibition of the biosynthesis of human skin collagen. *Biochemical Pharmacology*, **1972**, 21, 2161-7	6	60
19	Lactate dehydrogenase in pseudoxanthoma elasticum. Total activity and isoenzyme distribution in the skin. *Journal of Investigative Dermatology*, **1972**, 59, 192-5	4.3	1

18	Effect of hydrocortisone acetate, fluocinolone acetonide, fluclorolone acetonide, betamethasone-17-valerate and fluprednyliden-21-acetate on collagen biosynthesis. *Biochemical Pharmacology*, **1971**, 20, 2495-503	6	39
17	Origin of synovial fluid lactate dehydrogenase in rheumatoid arthritis. *Clinica Chimica Acta*, **1971**, 35, 377-82	6.2	8
16	Clinical significance of urinary and serum hydroxyproline determination in sarcoidosis. *Clinica Chimica Acta*, **1971**, 32, 265-9	6.2	2
15	Solubility of skin collagen in normal human subjects and in patients with generalised scleroderma. *Clinica Chimica Acta*, **1971**, 31, 13-8	6.2	33
14	Lactate dehydrogenase in the synovial tissue in rheumatoid arthritis: total activity and isoenzyme composition. *Clinica Chimica Acta*, **1971**, 31, 19-23	6.2	14
13	Effect of topical betamethasone-17-valerate on collagen biosynthesis in psoriatic skin. *Dermatology* , **1971**, 143, 184-9	4.4	4
12	Urinary hydroxyproline in psoriasis. *Dermatology*, **1971**, 142, 99-102	4.4	3
11	Biochemical characterization of pseudoxanthoma elasticum: collagen biosynthesis in the skin. *Journal of Investigative Dermatology*, **1971**, 57, 44-8	4.3	14
10	Connective tissue in scleroderma. A biochemical study on the correlation of fractionated glycosaminoglycans and collagen in human skin. *Acta Dermato-Venereologica*, **1971**, 51, 401-6	2.2	4
9	Collagen biosynthesis in human skin. A review with emphasis on scleroderma. *Annals of Clinical Research*, **1971**, 3, 250-8		30
8	Increased protocollagen proline hydroxylase activity in synovial tissue in rheumatoid arthritis. *Clinica Chimica Acta*, **1970**, 30, 741-4	6.2	28
7	Protocollagen proline hydroxylase activity in scleroderma and other connective tissue disorders. *Annals of Clinical Research*, **1970**, 2, 235-9		9
6	Protocollagen proline hydroxylase activity in the skin of normal human subjects and of patients with scleroderma. *Scandinavian Journal of Clinical and Laboratory Investigation*, **1969**, 23, 241-7	2	89
5	Solubility and turnover of collagen in collagen diseases. *Annals of Clinical Research*, **1969**, 1, 64-73		6
4	Collagen metabolism of the skin in Marfanıs syndrome. *Clinica Chimica Acta*, **1968**, 21, 321-6	6.2	54
3	Further evaluation of the significance of urinary hydroxyproline determinations in the diagnosis of thyroid disorders. *Clinica Chimica Acta*, **1968**, 22, 583-91	6.2	14
2	Urinary free and total hydroxyproline in hyperparathyroidism and the effect of removal of parathyroid adenoma. *Clinica Chimica Acta*, **1968**, 19, 443-7	6.2	10
1	Relation of collagen metabolism to calcium metabolism in the bone. *Acta Chemica Scandinavica*, **1968**, 22, 1039-40		9