Miroslav Blumenberg

List of Publications by Year in Descending Order

94 papers	3,799 citations	36 h-index	59 g-index
96 ext. papers	4,076 ext. citations	4.2 avg, IF	5.04 L-index

#	Paper	IF	Citations
94	Regulation of cell cycle and differentiation markers by pathogenic, non-pathogenic and opportunistic skin bacteria.. *Saudi Journal of Biological Sciences*, **2022**, 29, 1717-1729	4	
93	Association of TNF-αpolymorphisms (-857, -863 and -1031), TNF-αserum level and lipid profile with acne vulgaris. *Saudi Journal of Biological Sciences*, **2021**, 28, 6615-6620	4	2
92	Innate Immunity in Epidermis **2020**, 237-259		
91	Skinomics, transcriptional profiling approaches to molecular and structural biology of epidermis. *Seminars in Cutaneous Medicine and Surgery*, **2019**, 38, E12-E18	1.4	2
90	Introductory Chapter: Transcriptome Analysis **2019**,		4
89	Cardiac fibroblast transcriptome analyses support a role for interferogenic, profibrotic, and inflammatory genes in anti-SSA/Ro-associated congenital heart block. *American Journal of Physiology - Heart and Circulatory Physiology*, **2017**, 313, H631-H640	5.2	11
88	Embryonic AP1 Transcription Factor Deficiency Causes a Collodion Baby-Like Phenotype. *Journal of Investigative Dermatology*, **2017**, 137, 1868-1877	4.3	1
87	A bioengineered living cell construct activates an acute wound healing response in venous leg ulcers. *Science Translational Medicine*, **2017**, 9,	17.5	65
86	Skinomics: A New Toolbox to Understand Skin Aging **2017**, 1361-1379		1
85	Keratinocyte p38αloss inhibits Ras-induced tumor formation, while systemic p38αloss enhances skin inflammation in the early phase of chemical carcinogenesis in mouse skin. *Molecular Carcinogenesis*, **2016**, 55, 563-74	5	6
84	Resistin gene polymorphisms are associated with acne and serum lipid levels, providing a potential nexus between lipid metabolism and inflammation. *Archives of Dermatological Research*, **2016**, 308, 229-37	2.3	17
83	Targeting downstream transcription factors and epigenetic modifications following Toll-like receptor 7/8 ligation to forestall tissue injury in anti-Ro60 associated heart block. *Journal of Autoimmunity*, **2016**, 67, 36-45	15.5	14
82	The homeoprotein DLX3 and tumor suppressor p53 co-regulate cell cycle progression and squamous tumor growth. *Oncogene*, **2016**, 35, 3114-24	9.2	19
81	Meta-Analysis of Transcriptional Responses to Mastitis-Causing Escherichia coli. *PLoS ONE*, **2016**, 11, e0148562	3.7	11
80	Structural and biochemical changes underlying a keratoderma-like phenotype in mice lacking suprabasal AP1 transcription factor function. *Cell Death and Disease*, **2015**, 6, e1647	9.8	9
79	Transcriptional changes associated with resistance to inhibitors of epidermal growth factor receptor revealed using metaanalysis. *BMC Cancer*, **2015**, 15, 369	4.8	3
78	Skinomics: A New Toolbox to Understand Skin Aging **2015**, 1-19		

77	Delayed skin wound repair in proline-rich protein tyrosine kinase 2 knockout mice. *American Journal of Physiology - Cell Physiology*, **2014**, 306, C899-909	5.4	14
76	Cutaneous microbiome studies in the times of affordable sequencing. *Journal of Dermatological Science*, **2014**, 75, 82-7	4.3	13
75	Analysis and meta-analysis of transcriptional profiling in human epidermis. *Methods in Molecular Biology*, **2014**, 1195, 61-97	1.4	11
74	Differential transcriptional effects of EGFR inhibitors. *PLoS ONE*, **2014**, 9, e102466	3.7	11
73	Keratinocyte detachment-differentiation connection revisited, or anoikis-pityriasi nexus redux. *PLoS ONE*, **2014**, 9, e100279	3.7	7
72	Profiling and metaanalysis of epidermal keratinocytes responses to epidermal growth factor. *BMC Genomics*, **2013**, 14, 85	4.5	20
71	Transcriptional effects of inhibiting epidermal growth factor receptor in keratinocytes. *Dermatologica Sinica*, **2013**, 31, 107-119	1.1	7
70	Skinomics: past, present and future for diagnostic microarray studies in dermatology. *Expert Review of Molecular Diagnostics*, **2013**, 13, 885-94	3.8	11
69	Serum response factor controls transcriptional network regulating epidermal function and hair follicle morphogenesis. *Journal of Investigative Dermatology*, **2013**, 133, 608-617	4.3	8
68	Eph-2B, acting as an extracellular ligand, induces differentiation markers in epidermal keratinocytes. *Journal of Cellular Physiology*, **2012**, 227, 2330-40	7	11
67	SKINOMICS: Transcriptional Profiling in Dermatology and Skin Biology. *Current Genomics*, **2012**, 13, 363-8	2.6	20
66	Specific and shared targets of ephrin A signaling in epidermal keratinocytes. *Journal of Biological Chemistry*, **2011**, 286, 9419-28	5.4	34
65	Attenuation of the transforming growth factor beta-signaling pathway in chronic venous ulcers. *Molecular Medicine*, **2010**, 16, 92-101	6.2	103
64	Comprehensive transcriptional profiling of human epidermis, reconstituted epidermal equivalents, and cultured keratinocytes using DNA microarray chips. *Methods in Molecular Biology*, **2010**, 585, 193-223	1.4	12
63	Retinoid-responsive transcriptional changes in epidermal keratinocytes. *Journal of Cellular Physiology*, **2009**, 220, 427-439	7	76
62	Cellular genomic maps help dissect pathology in human skin disease. *Journal of Investigative Dermatology*, **2008**, 128, 606-15	4.3	31
61	Nexus between epidermolysis bullosa and transcriptional regulation by thyroid hormone in epidermal keratinocytes. *Clinical and Translational Science*, **2008**, 1, 45-9	4.9	8
60	Transcriptional responses of human epidermal keratinocytes to cytokine interleukin-1. *Journal of Cellular Physiology*, **2008**, 214, 1-13	7	89

59	Transcriptional profiling defines the roles of ERK and p38 kinases in epidermal keratinocytes. *Journal of Cellular Physiology*, **2008**, 215, 292-308	7	52
58	Transcriptional profiling defines the effects of nickel in human epidermal keratinocytes. *Journal of Cellular Physiology*, **2008**, 217, 686-92	7	13
57	Regulation of CDKN1A expression in keratinocytes by Distal-less 3. *FASEB Journal*, **2008**, 22, 639.1	0.9	
56	Transforming growth factor-beta and microRNA:mRNA regulatory networks in epithelial plasticity. *Cells Tissues Organs*, **2007**, 185, 157-61	2.1	129
55	Chromatin structure regulation in transforming growth factor-beta-directed epithelial-mesenchymal transition. *Cells Tissues Organs*, **2007**, 185, 162-74	2.1	22
54	GENE PROFILING: IMPLICATIONS IN DERMATOLOGY. *Expert Review of Dermatology*, **2007**, 2, 763-768		5
53	Novel genomic effects of glucocorticoids in epidermal keratinocytes: inhibition of apoptosis, interferon-gamma pathway, and wound healing along with promotion of terminal differentiation. *Journal of Biological Chemistry*, **2007**, 282, 4021-34	5.4	146
52	Inhibition of JNK promotes differentiation of epidermal keratinocytes. *Journal of Biological Chemistry*, **2006**, 281, 20530-41	5.4	67
51	Interleukin IL-12 blocks a specific subset of the transcriptional profile responsive to UVB in epidermal keratinocytes. *Molecular Immunology*, **2006**, 43, 1933-40	4.3	11
50	DNA microarrays in dermatology and skin biology. *OMICS A Journal of Integrative Biology*, **2006**, 10, 243-60	3.8	12
49	Transcriptional profiling of epidermal differentiation. *Physiological Genomics*, **2006**, 27, 65-78	3.6	36
48	A characteristic subset of psoriasis-associated genes is induced by oncostatin-M in reconstituted epidermis. *Journal of Investigative Dermatology*, **2006**, 126, 2647-57	4.3	45
47	Transcriptional Regulation of Keratin Gene Expression **2006**, 93-109		4
46	Transcriptional responses of human epidermal keratinocytes to Oncostatin-M. *Cytokine*, **2005**, 31, 305-13	4	32
45	Skinomics. *Journal of Investigative Dermatology*, **2005**, 124, viii-x	4.3	10
44	Pathway-specific profiling identifies the NF-kappa B-dependent tumor necrosis factor alpha-regulated genes in epidermal keratinocytes. *Journal of Biological Chemistry*, **2005**, 280, 18973-80	5.4	79
43	The effects of mechanical stretch on keratinocytes. *Ensho Saisei*, **2005**, 25, 186-191		
42	Effects of tumor necrosis factor-alpha (TNF alpha) in epidermal keratinocytes revealed using global transcriptional profiling. *Journal of Biological Chemistry*, **2004**, 279, 32633-42	5.4	223

41	Thyroid hormones and gamma interferon specifically increase K15 keratin gene transcription. *Molecular and Cellular Biology*, **2004**, 24, 3168-79	4.8	35
40	Specificity in stress response: epidermal keratinocytes exhibit specialized UV-responsive signal transduction pathways. *DNA and Cell Biology*, **2003**, 22, 665-77	3.6	29
39	Transcriptional profiling of epidermal keratinocytes: comparison of genes expressed in skin, cultured keratinocytes, and reconstituted epidermis, using large DNA microarrays. *Journal of Investigative Dermatology*, **2003**, 121, 1459-68	4.3	59
38	Unique keratinocyte-specific effects of interferon-gamma that protect skin from viruses, identified using transcriptional profiling. *Antiviral Therapy*, **2003**, 8, 541-54	1.6	21
37	Unique Keratinocyte-Specific Effects of Interferon-[illegible]that Protect Skin from Viruses, Identified Using Transcriptional Profiling. *Antiviral Therapy*, **2003**, 8, 541-554	1.6	48
36	Interleukin-1 induces transcription of keratin K6 in human epidermal keratinocytes. *Journal of Investigative Dermatology*, **2001**, 116, 330-8	4.3	71
35	Keratins and the keratinocyte activation cycle. *Journal of Investigative Dermatology*, **2001**, 116, 633-40	4.3	386
34	Rays and arrays: the transcriptional program in the response of human epidermal keratinocytes to UVB illumination. *FASEB Journal*, **2001**, 15, 2533-5	0.9	116
33	Novel mechanism of steroid action in skin through glucocorticoid receptor monomers. *Molecular and Cellular Biology*, **2000**, 20, 4328-39	4.8	84
32	Inflammatory versus proliferative processes in epidermis. Tumor necrosis factor alpha induces K6b keratin synthesis through a transcriptional complex containing NFkappa B and C/EBPbeta. *Journal of Biological Chemistry*, **2000**, 275, 32077-88	5.4	75
31	Epidermal signal transduction and transcription factor activation in activated keratinocytes. *Journal of Dermatological Science*, **1998**, 17, 167-81	4.3	112
30	Specific organization of the negative response elements for retinoic acid and thyroid hormone receptors in keratin gene family. *Journal of Investigative Dermatology*, **1997**, 109, 566-72	4.3	41
29	Transcriptional control of K5, K6, K14, and K17 keratin genes by AP-1 and NF-kappaB family members. *Gene Expression*, **1997**, 6, 361-70	3.4	54
28	Human epidermal keratinocyte: keratinization processes. *Exs*, **1997**, 78, 1-29		22
27	Characterization of nuclear protein binding sites in the promoter of keratin K17 gene. *DNA and Cell Biology*, **1996**, 15, 65-74	3.6	21
26	Codominant regulation of keratin gene expression by cell surface receptors and nuclear receptors. *Experimental Cell Research*, **1996**, 224, 96-102	4.2	18
25	Regulation of epidermal expression of keratin K17 in inflammatory skin diseases. *Journal of Investigative Dermatology*, **1996**, 107, 569-75	4.3	58
24	Novel regulation of keratin gene expression by thyroid hormone and retinoid receptors. *Journal of Biological Chemistry*, **1996**, 271, 1416-23	5.4	63

23	TGF beta promotes the basal phenotype of epidermal keratinocytes: transcriptional induction of K#5 and K#14 keratin genes. *Growth Factors*, **1995**, 12, 87-97	1.6	26
22	Disease-activated transcription factor: allergic reactions in human skin cause nuclear translocation of STAT-91 and induce synthesis of keratin K17. *Molecular and Cellular Biology*, **1994**, 14, 4759-69	4.8	60
21	Disease-activated transcription factor: allergic reactions in human skin cause nuclear translocation of STAT-91 and induce synthesis of keratin K17. *Molecular and Cellular Biology*, **1994**, 14, 4759-4769	4.8	17
20	Epidermal growth factor and transforming growth factor alpha specifically induce the activation- and hyperproliferation-associated keratins 6 and 16. *Proceedings of the National Academy of Sciences of the United States of America*, **1993**, 90, 6786-90	11.5	162
19	Transcriptional regulators of expression of K#16, the disease-associated keratin. *DNA and Cell Biology*, **1993**, 12, 911-23	3.6	35
18	A 300 bp 5?-upstream sequence of a differentiation-dependent rabbit K3 keratin gene can serve as a keratinocyte-specific promoter. *Journal of Cell Science*, **1993**, 105, 303-316	5.3	20
17	On the role of AP2 in epithelial-specific gene expression. *Gene Expression*, **1993**, 3, 307-15	3.4	17
16	Expression of the carcinoma-associated keratin K6 and the role of AP-1 proto-oncoproteins. *Gene Expression*, **1993**, 3, 187-99	3.4	38
15	A cluster of five nuclear proteins regulates keratin gene transcription. *Gene Expression*, **1993**, 3, 201-13	3.4	27
14	Regulation of epidermal keratin expression by retinoic acid and thyroid hormone. *Journal of Dermatology*, **1992**, 19, 774-80	1.6	15
13	Regulation of keratin gene expression: the role of the nuclear receptors for retinoic acid, thyroid hormone, and vitamin D3. *Journal of Investigative Dermatology*, **1992**, 98, 42S-49S	4.3	44
12	Identification of the retinoic acid and thyroid hormone receptor-responsive element in the human K14 keratin gene. *Journal of Investigative Dermatology*, **1992**, 99, 842-7	4.3	37
11	Nuclear proteins involved in transcription of the human K5 keratin gene. *Journal of Investigative Dermatology*, **1992**, 99, 206-15	4.3	38
10	Vitamin D3, its receptor and regulation of epidermal keratin gene expression. *Epithelial Cell Biology* , **1992**, 1, 70-5		2
9	Functional comparison of the upstream regulatory DNA sequences of four human epidermal keratin genes. *Journal of Investigative Dermatology*, **1991**, 96, 162-7	4.3	36
8	Comparison of methods for transfection of human epidermal keratinocytes. *Journal of Investigative Dermatology*, **1991**, 97, 969-73	4.3	83
7	Nuclear receptors for retinoic acid and thyroid hormone regulate transcription of keratin genes. *Molecular Biology of the Cell*, **1990**, 1, 965-73		93
6	Epithelial-specific keratin gene expression: identification of a 300 base-pair controlling segment. *Nucleic Acids Research*, **1990**, 18, 247-53	20.1	37

5	A rapid and simple method for introducing specific mutations into any position of DNA leaving all other positions unaltered. *Nucleic Acids Research*, **1990**, 18, 1656	20.1	54
4	Evolution of homologous domains of cytoplasmic intermediate filament proteins and lamins. *Molecular Biology and Evolution*, **1989**, 6, 53-65	8.3	25
3	Evolutionary Trees of Intermediate Filament Proteins **1988**, 337-349		
2	Evolution of keratin genes: different protein domains evolve by different pathways. *Journal of Molecular Evolution*, **1987**, 24, 319-29	3.1	67
1	Linkage of human keratin genes. *Cytogenetic and Genome Research*, **1986**, 42, 65-71	1.9	16