Martin Steinhoff

List of Publications by Year in Descending Order

256 papers	16,639 citations	72 h-index	123 g-index
290 ext. papers	19,187 ext. citations	5.2 avg, IF	6.55 L-index

#	Paper	IF	Citations
256	Recalcitrant erythrodermic ichthyosis with atopic dermatitis successfully treated with Dupilumab in combination with Guselkumab. *Skin Health and Disease*, **2022**, 2,		1
255	Molecular and cellular mechanisms of itch and pain in atopic dermatitis and implications for novel therapeutics.. *Clinical and Translational Immunology*, **2022**, 11, e1390	6.8	3
254	IL-20 promotes cutaneous inflammation and peripheral itch sensation in atopic dermatitis.. *FASEB Journal*, **2022**, 36, e22334	0.9	0
253	Vergleichende Metaanalyse zur Behandlung atropher Aknenarben mit Erbium-Laser versus CO -Laser. *JDDG - Journal of the German Society of Dermatology*, **2021**, 19, 1559-1570	1.2	0
252	Sanguinarine mediated apoptosis in Non-Small Cell Lung Cancer via generation of reactive oxygen species and suppression of JAK/STAT pathway. *Biomedicine and Pharmacotherapy*, **2021**, 144, 112358	7.5	4
251	Neurokinin 1 Receptor Antagonists for Pruritus. *Drugs*, **2021**, 81, 621-634	12.1	0
250	Interleukin-31: The "itchy" cytokine in inflammation and therapy. *Allergy: European Journal of Allergy and Clinical Immunology*, **2021**, 76, 2982-2997	9.3	18
249	Effectiveness of ustekinumab in patients with atopic dermatitis: analysis of real-world evidence. *Journal of Dermatological Treatment*, **2021**, 1-6	2.8	1
248	Light-based therapies in the management of rosacea: a systematic review with meta-analysis. *International Journal of Dermatology*, **2021**,	1.7	2
247	Th2 Modulation of Transient Receptor Potential Channels: An Unmet Therapeutic Intervention for Atopic Dermatitis. *Frontiers in Immunology*, **2021**, 12, 696784	8.4	11
246	Efficacy and predictive factors of cyclosporine A in alopecia areata: a systematic review with meta-analysis. *Journal of Dermatological Treatment*, **2021**, 1-9	2.8	1
245	In vitro Interleukin-7 treatment partially rescues MAIT cell dysfunction caused by SARS-CoV-2 infection. *Scientific Reports*, **2021**, 11, 14090	4.9	1
244	Evaluation of the efficacy of subantimicrobial dose doxycycline in rosacea: a systematic review of clinical trials and meta-analysis. *JDDG - Journal of the German Society of Dermatology*, **2021**, 19, 7-17	1.2	1
243	Mouse models of atopic dermatitis: a critical reappraisal. *Experimental Dermatology*, **2021**, 30, 319-336	4	5
242	Prevalence, pathophysiology and management of itch in epidermolysis bullosa. *British Journal of Dermatology*, **2021**, 184, 816-825	4	12
241	Laser and light-based therapies in the management of rosacea: an updated systematic review. *Lasers in Medical Science*, **2021**, 36, 1151-1160	3.1	2
240	F-box proteins in cancer stemness: An emerging prognostic and therapeutic target. *Drug Discovery Today*, **2021**, 26, 2905-2914	8.8	2

239	Comparative appraisal with meta-analysis of erbium vs. CO lasers for atrophic acne scars. *JDDG - Journal of the German Society of Dermatology*, **2021**, 19, 1559-1568	1.2	1
238	Treatment and molecular profiling of acrodermatitis continua of Hallopeau during pregnancy using targeted therapy. *JAAD Case Reports*, **2021**, 16, 164-167	1.4	0
237	Innate immune regulates cutaneous sensory IL-13 receptor alpha 2 to promote atopic dermatitis. *Brain, Behavior, and Immunity*, **2021**, 98, 28-39	16.6	4
236	Exosomes: Emerging Diagnostic and Therapeutic Targets in Cutaneous Diseases. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	7
235	CAR-T Cell Therapies: An Overview of Clinical Studies Supporting Their Approved Use against Acute Lymphoblastic Leukemia and Large B-Cell Lymphomas. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	24
234	Evidence supporting the enhanced efficacy of pentavalent antimonials with adjuvant therapy for cutaneous leishmaniasis: a systematic review and meta-analysis. *Journal of the European Academy of Dermatology and Venereology*, **2020**, 34, 2216-2228	4.6	9
233	EGFR/Ras-induced CCL20 production modulates the tumour microenvironment. *British Journal of Cancer*, **2020**, 123, 942-954	8.7	12
232	Non-Coding RNAs as Regulators and Markers for Targeting of Breast Cancer and Cancer Stem Cells. *Cancers*, **2020**, 12,	6.6	26
231	Curcumin-Mediated Apoptotic Cell Death in Papillary Thyroid Cancer and Cancer Stem-Like Cells through Targeting of the JAK/STAT3 Signaling Pathway. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	30
230	Role of neuroimmune circuits and pruritus in psoriasis. *Experimental Dermatology*, **2020**, 29, 414-426	4	21
229	Effects of skin care habits on the development of rosacea: A multi-center retrospective case-control survey in Chinese population. *PLoS ONE*, **2020**, 15, e0231078	3.7	3
228	Efficacy of topical ivermectin and impact on quality of life in patients with papulopustular rosacea: A systematic review and meta-analysis. *Dermatologic Therapy*, **2020**, 33, e13203	2.2	9
227	The Unmet Need for Clinical Guidelines on the Management of Patients with Plaque Psoriasis in Africa and the Middle East. *Psoriasis: Targets and Therapy*, **2020**, 10, 23-28	2.4	
226	Dysregulated Phosphorylation of p53, Autophagy and Stemness Attributes the Mutant p53 Harboring Colon Cancer Cells Impaired Sensitivity to Oxaliplatin. *Frontiers in Oncology*, **2020**, 10, 1744	5.3	6
225	Dupilumab in prurigo nodularis: a systematic review of current evidence and analysis of predictive factors to response. *Journal of Dermatological Treatment*, **2020**, 1-7	2.8	9
224	Protease-Activated Receptor-2 Regulates Neuro-Epidermal Communication in Atopic Dermatitis. *Frontiers in Immunology*, **2020**, 11, 1740	8.4	13
223	Role of non-coding RNAs in the progression and resistance of cutaneous malignancies and autoimmune diseases. *Seminars in Cancer Biology*, **2020**,	12.7	2
222	Erythrodermie und hypernatriämische Dehydratation beim Neugeborenen – eine Fallbeschreibung des Netherton-Syndroms. *Klinische Padiatrie*, **2020**, 232, 62-67	0.9	

221	Development of a 43 color panel for the characterization of conventional and unconventional T-cell subsets, B cells, NK cells, monocytes, dendritic cells, and innate lymphoid cells using spectral flow cytometry. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2020**,	4.6	13
220	TRPV2: A Cancer Biomarker and Potential Therapeutic Target. *Disease Markers*, **2020**, 2020, 8892312	3.2	8
219	Characterizing high-burden rosacea subjects: a multivariate risk factor analysis from a global survey. *Journal of Dermatological Treatment*, **2020**, 31, 168-174	2.8	12
218	Recommendations for rosacea diagnosis, classification and management: update from the global ROSacea COnsensus 2019 panel. *British Journal of Dermatology*, **2020**, 182, 1269-1276	4	41
217	Interleukin-4 and interleukin-13 evoke scratching behaviour in mice. *Experimental Dermatology*, **2019**, 28, 1501-1504	4	38
216	Role of miRNA-Regulated Cancer Stem Cells in the Pathogenesis of Human Malignancies. *Cells*, **2019**, 8,	7.9	115
215	Protein Expression Profiling Identifies Key Proteins and Pathways Involved in Growth Inhibitory Effects Exerted by Guggulsterone in Human Colorectal Cancer Cells. *Cancers*, **2019**, 11,	6.6	8
214	Role of SNAREs in Atopic Dermatitis-Related Cytokine Secretion and Skin-Nerve Communication. *Journal of Investigative Dermatology*, **2019**, 139, 2324-2333	4.3	8
213	TLR3 in Chronic Human Itch: A Keratinocyte-Associated Mechanism of Peripheral Itch Sensitization. *Journal of Investigative Dermatology*, **2019**, 139, 2393-2396.e6	4.3	12
212	The Role of Extracellular Vesicles as Modulators of the Tumor Microenvironment, Metastasis and Drug Resistance in Colorectal Cancer. *Cancers*, **2019**, 11,	6.6	29
211	Sanguinarine Induces Apoptosis Pathway in Multiple Myeloma Cell Lines via Inhibition of the JaK2/STAT3 Signaling. *Frontiers in Oncology*, **2019**, 9, 285	5.3	19
210	Understanding the Burden of Atopic Dermatitis in Africa and the Middle East. *Dermatology and Therapy*, **2019**, 9, 223-241	4	16
209	Evaluation of cationic channel TRPV2 as a novel biomarker and therapeutic target in Leukemia-Implications concerning the resolution of pulmonary inflammation. *Scientific Reports*, **2019**, 9, 1554	4.9	14
208	Greensporone A, a Fungal Secondary Metabolite Suppressed Constitutively Activated AKT via ROS Generation and Induced Apoptosis in Leukemic Cell Lines. *Biomolecules*, **2019**, 9,	5.9	8
207	Curcumin Induces Apoptotic Cell Death via Inhibition of PI3-Kinase/AKT Pathway in B-Precursor Acute Lymphoblastic Leukemia. *Frontiers in Oncology*, **2019**, 9, 484	5.3	36
206	Lichen planus: a comprehensive evidence-based analysis of medical treatment. *Journal of the European Academy of Dermatology and Venereology*, **2019**, 33, 1847-1862	4.6	20
205	House dust mite-treated PAR2 over-expressor mouse: A novel model of atopic dermatitis. *Experimental Dermatology*, **2019**, 28, 1298-1308	4	4
204	Neuropathic itch. *Pain*, **2019**, 160 Suppl 1, S11-S16	8	20

203	Pharmacologic inhibition of hypoxia-inducible factor (HIF)-hydroxylases ameliorates allergic contact dermatitis. *Allergy: European Journal of Allergy and Clinical Immunology*, **2019**, 74, 753-766	9.3	13
202	Serlopitant for the treatment of chronic pruritus: Results of a randomized, multicenter, placebo-controlled phase 2 clinical trial. *Journal of the American Academy of Dermatology*, **2018**, 78, 882-891.e10	4.5	72
201	New mechanism underlying IL-31-induced atopic dermatitis. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 1677-1689.e8	11.5	73
200	Role of mast cells and basophils in pruritus. *Immunological Reviews*, **2018**, 282, 248-264	11.3	43
199	Standard classification and pathophysiology of rosacea: The 2017 update by the National Rosacea Society Expert Committee. *Journal of the American Academy of Dermatology*, **2018**, 78, 148-155	4.5	172
198	Clinical presentation, management, and pathophysiology of neuropathic itch. *Lancet Neurology, The* , **2018**, 17, 709-720	24.1	49
197	Mast cells are critical for the limitation of thrombin-induced skin inflammation. *Experimental Dermatology*, **2018**, 27, 50-57	4	8
196	Recent advances in understanding and managing rosacea. *F1000Research*, **2018**, 7,	3.6	64
195	Impact of Ixekizumab Treatment on Itch and Psoriasis Area and Severity Index in Patients with Moderate-to-Severe Plaque Psoriasis: An Integrated Analysis of Two Phase III Randomized Studies. *Dermatology and Therapy*, **2018**, 8, 621-637	4	8
194	Shortcomings in rosacea diagnosis and classification. *British Journal of Dermatology*, **2017**, 176, 197-199	4	16
193	Emerging strategies for the diagnosis and treatment of meibomian gland dysfunction: Proceedings of the OCEAN group meeting. *Ocular Surface*, **2017**, 15, 179-192	6.5	66
192	Synergistic antipruritic effects of gamma aminobutyric acid A and B agonists in a mouse model of atopic dermatitis. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 454-464.e2	11.5	21
191	Rosacea treatment update: recommendations from the global ROSacea COnsensus (ROSCO) panel. *British Journal of Dermatology*, **2017**, 176, 465-471	4	74
190	Integrative concepts of rosacea pathophysiology, clinical presentation and new therapeutics. *Experimental Dermatology*, **2017**, 26, 659-667	4	95
189	Involvement of TRPV1 and TDAG8 in Pruriception Associated with Noxious Acidosis. *Journal of Investigative Dermatology*, **2017**, 137, 170-178	4.3	12
188	Updating the diagnosis, classification and assessment of rosacea: recommendations from the global ROSacea COnsensus (ROSCO) panel. *British Journal of Dermatology*, **2017**, 176, 431-438	4	116
187	Topical Immune Response Modifiers: Antiinflammatories **2017**, 791-802		
186	Multidisciplinary Consideration of Potential Pathophysiologic Mechanisms of Paradoxical Erythema with Topical Brimonidine Therapy. *Advances in Therapy*, **2016**, 33, 1885-1895	4.1	9

185	Aktueller Stand der systemischen Rosazea-Therapie. *JDDG - Journal of the German Society of Dermatology*, **2016**, 14 Suppl 6, 29-37	1.2	1
184	TNF induces co-trafficking of TRPV1/TRPA1 in VAMP1-containing vesicles to the plasmalemma via Munc18-1/syntaxin1/SNAP-25 mediated fusion. *Scientific Reports*, **2016**, 6, 21226	4.9	59
183	State of the art: systemic rosacea management. *JDDG - Journal of the German Society of Dermatology*, **2016**, 14 Suppl 6, 29-37	1.2	9
182	Pathogenesis and clinical presentation of rosacea as a key for a symptom-oriented therapy. *JDDG - Journal of the German Society of Dermatology*, **2016**, 14 Suppl 6, 4-15	1.2	12
181	Rosacea Management: Update on general measures and topical treatment options. *JDDG - Journal of the German Society of Dermatology*, **2016**, 14 Suppl 6, 17-27	1.2	13
180	Molecular mechanisms of pruritus. *Current Research in Translational Medicine*, **2016**, 64, 203-206	3.7	29
179	Rosazea-Management: Update er allgemeine Ma ahmen und topische Therapieoptionen. *JDDG - Journal of the German Society of Dermatology*, **2016**, 14 Suppl 6, 17-28	1.2	
178	Involvement of TRPV4 in Serotonin-Evoked Scratching. *Journal of Investigative Dermatology*, **2016**, 136, 154-160	4.3	82
177	Facial Erythema of Rosacea - Aetiology, Different Pathophysiologies and Treatment Options. *Acta Dermato-Venereologica*, **2016**, 96, 579-86	2.2	44
176	New light on proteases regulating pigmentation. *Experimental Dermatology*, **2016**, 25, 861-862	4	3
175	Pathogenese und Klinik der Rosazea als Schl sel f eine symptomorientierte Therapie. *JDDG - Journal of the German Society of Dermatology*, **2016**, 14 Suppl 6, 4-16	1.2	1
174	The pruritus- and TH2-associated cytokine IL-31 promotes growth of sensory nerves. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 500-508.e24	11.5	118
173	Topical Ivermectin 10 mg/g and Oral Doxycycline 40 mg Modified-Release: Current Evidence on the Complementary Use of Anti-Inflammatory Rosacea Treatments. *Advances in Therapy*, **2016**, 33, 1481-501	4.1	26
172	Role of TRP Channels in Skin Diseases **2015**, 293-323		2
171	Pituitary Adenylate Cyclase-Activating Polypeptide Is Upregulated in Murine Skin Inflammation and Mediates Transient Receptor Potential Vanilloid-1-Induced Neurogenic Edema. *Journal of Investigative Dermatology*, **2015**, 135, 2209-2218	4.3	13
170	Molecular and Morphological Characterization of Inflammatory Infiltrate in Rosacea Reveals Activation of Th1/Th17 Pathways. *Journal of Investigative Dermatology*, **2015**, 135, 2198-2208	4.3	121
169	Role of cytokines and chemokines in itch. *Handbook of Experimental Pharmacology*, **2015**, 226, 163-76	3.2	34
168	Intradermal endothelin-1 excites bombesin-responsive superficial dorsal horn neurons in the mouse. *Journal of Neurophysiology*, **2015**, 114, 2528-34	3.2	7

167	Tumor–Endothelial Cross-Talk **2015**, 1-3		
166	Keratinocyte growth regulation TRP-ed up over downregulated TRPV4?. *Journal of Investigative Dermatology*, **2014**, 134, 2310-2312	4.3	6
165	A sensory neuron-expressed IL-31 receptor mediates T helper cell-dependent itch: Involvement of TRPV1 and TRPA1. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 448-60	11.5	388
164	B cells regulate macrophage phenotype and response to chemotherapy in squamous carcinomas. *Cancer Cell*, **2014**, 25, 809-821	24.3	199
163	Neural peptidase endothelin-converting enzyme 1 regulates endothelin 1-induced pruritus. *Journal of Clinical Investigation*, **2014**, 124, 2683-95	15.9	60
162	Efficacy and safety of ivermectin 1% cream in treatment of papulopustular rosacea: results of two randomized, double-blind, vehicle-controlled pivotal studies. *Journal of Drugs in Dermatology*, **2014**, 13, 316-23	2.2	87
161	Long-term safety of ivermectin 1% cream vs azelaic acid 15% gel in treating inflammatory lesions of rosacea: results of two 40-week controlled, investigator-blinded trials. *Journal of Drugs in Dermatology*, **2014**, 13, 1380-6	2.2	39
160	Serum kallikrein-8 correlates with skin activity, but not psoriatic arthritis, in patients with psoriatic disease. *Clinical Chemistry and Laboratory Medicine*, **2013**, 51, 317-25	5.9	25
159	Rosacea and small intestinal bacterial overgrowth: prevalence and response to rifaximin. *Journal of the American Academy of Dermatology*, **2013**, 68, 875-6	4.5	25
158	New insights into rosacea pathophysiology: a review of recent findings. *Journal of the American Academy of Dermatology*, **2013**, 69, S15-26	4.5	201
157	Understanding itch in skin disease. *Drug Discovery Today Disease Mechanisms*, **2013**, 10, e101-e105		1
156	New tools for assessing the individual risk of metastasis in renal cell carcinoma. *Clinical and Experimental Metastasis*, **2013**, 30, 215-24	4.7	4
155	Recapitulating atopic dermatitis in three dimensions: cross talk between keratinocytes and nerve fibers. *Journal of Investigative Dermatology*, **2013**, 133, 1465-7	4.3	10
154	UVB radiation generates sunburn pain and affects skin by activating epidermal TRPV4 ion channels and triggering endothelin-1 signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, E3225-34	11.5	156
153	Transient receptor potential ankyrin 1 mediates chronic pancreatitis pain in mice. *American Journal of Physiology - Renal Physiology*, **2013**, 304, G1002-12	5.1	37
152	Proteinase-activated receptor-2 agonist activates anti-influenza mechanisms and modulates IFN–induced antiviral pathways in human neutrophils. *BioMed Research International*, **2013**, 2013, 879080	3	9
151	The TGR5 receptor mediates bile acid-induced itch and analgesia. *Journal of Clinical Investigation*, **2013**, 123, 1513-30	15.9	229
150	Efficacy and safety of once-daily topical brimonidine tartrate gel 0.5% for the treatment of moderate to severe facial erythema of rosacea: results of two randomized, double-blind, and vehicle-controlled pivotal studies. *Journal of Drugs in Dermatology*, **2013**, 12, 650-6	2.2	78

149	Serine protease inhibition reduces post-ischemic granulocyte recruitment in mouse intestine. *American Journal of Pathology*, **2012**, 180, 141-52	5.8	25
148	Evaluation and management of a patient with chronic pruritus. *Journal of Allergy and Clinical Immunology*, **2012**, 130, 1015-6.e7	11.5	16
147	IL-33: a novel danger signal system in atopic dermatitis. *Journal of Investigative Dermatology*, **2012**, 132, 1326-9	4.3	78
146	Once-daily topical brimonidine tartrate gel 0□5% is a novel treatment for moderate to severe facial erythema of rosacea: results of two multicentre, randomized and vehicle-controlled studies. *British Journal of Dermatology*, **2012**, 166, 633-41	4	111
145	Disseminated erosive pustular dermatosis also involving the mucosa: successful treatment with oral dapsone. *Acta Dermato-Venereologica*, **2012**, 92, 91-2	2.2	9
144	Psychoneuroimmunology of psychological stress and atopic dermatitis: pathophysiologic and therapeutic updates. *Acta Dermato-Venereologica*, **2012**, 92, 7-15	2.2	145
143	Mouse model of touch-evoked itch (alloknesis). *Journal of Investigative Dermatology*, **2012**, 132, 1886-91	4.3	69
142	Proteinase-activated receptors 1 and 2 regulate invasive behavior of human melanoma cells via activation of protein kinase D1. *Journal of Investigative Dermatology*, **2012**, 132, 375-84	4.3	10
141	Distribution and expression of non-neuronal transient receptor potential (TRPV) ion channels in rosacea. *Journal of Investigative Dermatology*, **2012**, 132, 1253-62	4.3	126
140	□1-Antitrypsin and IFN-□reduce the severity of IC-mediated vasculitis by regulation of leukocyte recruitment in vivo. *Journal of Investigative Dermatology*, **2012**, 132, 2286-95	4.3	8
139	PAR-2 inhibition reverses experimental pulmonary hypertension. *Circulation Research*, **2012**, 110, 1179-91	15.7	52
138	Anatomy and neurophysiology of pruritus. *Seminars in Cutaneous Medicine and Surgery*, **2011**, 30, 64-70	1.4	41
137	Pruritus in elderly patients--eruptions of senescence. *Seminars in Cutaneous Medicine and Surgery*, **2011**, 30, 113-7	1.4	77
136	Pruritus and renal failure. *Seminars in Cutaneous Medicine and Surgery*, **2011**, 30, 99-100	1.4	32
135	Pruritus: management algorithms and experimental therapies. *Seminars in Cutaneous Medicine and Surgery*, **2011**, 30, 127-37	1.4	45
134	Management of itch in atopic dermatitis. *Seminars in Cutaneous Medicine and Surgery*, **2011**, 30, 71-86	1.4	89
133	Role of spinal neurotransmitter receptors in itch: new insights into therapies and drug development. *CNS Neuroscience and Therapeutics*, **2011**, 17, 742-9	6.8	47
132	The distinct roles of two GPCRs, MrgprC11 and PAR2, in itch and hyperalgesia. *Science Signaling*, **2011**, 4, ra45	8.8	158

131	Role of proteinase-activated receptor-2 in anti-bacterial and immunomodulatory effects of interferon-□on human neutrophils and monocytes. *Immunology*, **2011**, 133, 329-39	7.8	10
130	Role of protease-activated receptors in human skin fibrosis and scleroderma. *Experimental Dermatology*, **2011**, 20, 69-71	4	11
129	Endothelin-converting enzyme-1 regulates trafficking and signalling of the neurokinin 1 receptor in endosomes of myenteric neurones. *Journal of Physiology*, **2011**, 589, 5213-30	3.9	30
128	Dissecting itch and pain sensations in human skin. *Pain*, **2011**, 152, 2453-2454	8	4
127	Rosacea: The cytokine and chemokine network. *Journal of Investigative Dermatology Symposium Proceedings*, **2011**, 15, 40-7	1.1	88
126	Neurogenic rosacea: a distinct clinical subtype requiring a modified approach to treatment. *Archives of Dermatology*, **2011**, 147, 123-6		39
125	Clinical, cellular, and molecular aspects in the pathophysiology of rosacea. *Journal of Investigative Dermatology Symposium Proceedings*, **2011**, 15, 2-11	1.1	169
124	Pathophysiology of rosacea: introduction. *Journal of Investigative Dermatology Symposium Proceedings*, **2011**, 15, 1	1.1	3
123	PAR2 absence completely rescues inflammation and ichthyosis caused by altered CAP1/Prss8 expression in mouse skin. *Nature Communications*, **2011**, 2, 161	17.4	76
122	Neurovascular and neuroimmune aspects in the pathophysiology of rosacea. *Journal of Investigative Dermatology Symposium Proceedings*, **2011**, 15, 53-62	1.1	159
121	Protein phosphatase 2A mediates resensitization of the neurokinin 1 receptor. *American Journal of Physiology - Cell Physiology*, **2011**, 301, C780-91	5.4	18
120	Erythema leprosum--after treatment of Lepromatous Leprosy. *JDDG - Journal of the German Society of Dermatology*, **2010**, 8, 450-3	1.2	1
119	Interferon-□induces upregulation and activation of the interleukin-31 receptor in human dermal microvascular endothelial cells. *Experimental Dermatology*, **2010**, 19, 921-3	4	9
118	Pathophysiology and therapy of pruritus in allergic and atopic diseases. *Allergy: European Journal of Allergy and Clinical Immunology*, **2010**, 65, 805-21	9.3	101
117	Livedoid vasculopathy in a pediatric patient with elevated lipoprotein(a) levels: prompt response to continuous low-molecular-weight heparin. *Archives of Dermatology*, **2010**, 146, 927-8		26
116	Par2 inactivation inhibits early production of TSLP, but not cutaneous inflammation, in Netherton syndrome adult mouse model. *Journal of Investigative Dermatology*, **2010**, 130, 2736-42	4.3	80
115	Innovative management of pruritus. *Dermatologic Clinics*, **2010**, 28, 467-78	4.2	21
114	Preliminary evidence for a role of mast cells in epidermal growth factor receptor inhibitor-induced pruritus. *Journal of the American Academy of Dermatology*, **2010**, 63, 163-5	4.5	33

113	Pituitary adenylate cyclase activating polypeptide: an important vascular regulator in human skin in vivo. *American Journal of Pathology*, **2010**, 177, 2563-75	5.8	53
112	Histamine and antihistamines in atopic dermatitis. *Advances in Experimental Medicine and Biology*, **2010**, 709, 73-80	3.6	29
111	Contribution of bone marrow-derived cells to the pro-inflammatory effects of protease-activated receptor-2 in colitis. *Inflammation Research*, **2010**, 59, 699-709	7.2	15
110	Endosomal endothelin-converting enzyme-1: a regulator of beta-arrestin-dependent ERK signaling. *Journal of Biological Chemistry*, **2009**, 284, 22411-22425	5.4	52
109	Thrombin receptor: An endogenous inhibitor of inflammatory pain, activating opioid pathways. *Pain* , **2009**, 146, 121-9	8	37
108	Protease-activated receptor-4 (PAR 4): a role as inhibitor of visceral pain and hypersensitivity. *Neurogastroenterology and Motility*, **2009**, 21, 1189-e107	4	84
107	A TR(I)P to pruritus research: role of TRPV3 in inflammation and itch. *Journal of Investigative Dermatology*, **2009**, 129, 531-5	4.3	40
106	Role of matriptase and proteinase-activated receptor-2 in nonmelanoma skin cancer. *Journal of Investigative Dermatology*, **2009**, 129, 1816-23	4.3	37
105	Neuroimmunology of Atopic Dermatitis **2009**, 197-207		
104	Topical Immunomodulators **2009**, 417-436		
103	Role of protease-activated receptor-2 during cutaneous inflam-mation and the immune response. *Experimental Dermatology*, **2008**, 13, 572-572	4	
102	RAB4a- and RAB11a-dependent recycling and resensitization of the neurokinin 1 receptor. *Experimental Dermatology*, **2008**, 13, 580-580	4	
101	Expression of vanilloid receptor subtype 1 (VR1/TRPV1) in the skin Implications for neurogenic inflammation and nociceptive sensations. *Experimental Dermatology*, **2008**, 13, 586-586	4	
100	The neuropeptide PACAP upregulates expression and release of cytokines and cell adhesion molecules in human microvascular endothelial cells via VPAC type 1 receptor. *Experimental Dermatology*, **2008**, 13, 586-586	4	
99	Evidence for a proinflammatory role of proteinase-activated receptor-2 during cutaneous inflammation in vivo. *Experimental Dermatology*, **2008**, 13, 590-590	4	1
98	Proteinase-activated receptor-2 mediates itch: a novel pathway for pruritus in human skin. *Experimental Dermatology*, **2008**, 13, 591-591	4	5
97	"Outside-to-inside" (and now back to "outside") pathogenic mechanisms in atopic dermatitis. *Journal of Investigative Dermatology*, **2008**, 128, 1067-70	4.3	212
96	Activation of proteinase-activated receptor-2 by human kallikrein-related peptidases. *Journal of Investigative Dermatology*, **2008**, 128, 18-25	4.3	131

95	Role of protease-activated receptors in inflammatory responses, innate and adaptive immunity. *Journal of Leukocyte Biology*, **2008**, 83, 1309-22	6.5	137
94	Protease-activated receptor-2 activation: a major actor in intestinal inflammation. *Gut*, **2008**, 57, 1222-9	19.2	78
93	Calcineurin inhibitors for the treatment of atopic dermatitis. *Expert Opinion on Pharmacotherapy*, **2008**, 9, 3009-23	4	7
92	Proinflammatory impact of Staphylococcus epidermidis on the nasal epithelium quantified by IL-8 and GRO-alpha responses in primary human nasal epithelial cells. *International Archives of Allergy and Immunology*, **2008**, 145, 24-32	3.7	19
91	Agonists of proteinase-activated receptor-2 enhance IFN-gamma-inducible effects on human monocytes: role in influenza A infection. *Journal of Immunology*, **2008**, 180, 6903-10	5.3	21
90	Endothelin-converting enzyme-1 degrades internalized somatostatin-14. *Endocrinology*, **2008**, 149, 2200-7	4.8	33
89	Role of proteinase-activated receptors (PARs) during cutaneous inflammation and the immune response. *Experimental Dermatology*, **2008**, 15, 643-648	4	
88	Intracellular degradation of somatostatin-14 following somatostatin-receptor3-mediated endocytosis in rat insulinoma cells. *FEBS Journal*, **2008**, 275, 4728-39	5.7	7
87	Proteinase-activated receptor-2 in the skin: receptor expression, activation and function during health and disease. *Drug News and Perspectives*, **2008**, 21, 369-81		51
86	Topical Immune Response Modifiers: Antiinflammatories **2008**, 539-549		
85	Topical calcineurin inhibitors. *Series in Dermatological Treatment*, **2008**, 221-236		1
84	Experimental therapeutic strategies for thetreatment of atopic dermatitis. *Series in Dermatological Treatment*, **2008**, 247-260		1
83	Itch pathophysiology and treatment. *Series in Dermatological Treatment*, **2008**, 117-130		
82	Endothelin-converting enzyme 1 degrades neuropeptides in endosomes to control receptor recycling. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 11838-43	11.5	64
81	Microfluidic reveals generation of platelet-strings on tumoractivated endothelium. *Thrombosis and Haemostasis*, **2007**, 98, 283-286	7	38
80	Evaluation of protease-activated receptor 2 in murine models of arthritis. *Arthritis and Rheumatism*, **2007**, 56, 101-7		60
79	Intermedin: a skin peptide that is downregulated in atopic dermatitis. *Journal of Investigative Dermatology*, **2007**, 127, 605-13	4.3	8
78	Proteinase-activated receptor-2 (PAR2): a tumor suppressor in skin carcinogenesis. *Journal of Investigative Dermatology*, **2007**, 127, 2245-52	4.3	39

77	Protease-activated receptor-4: a novel mechanism of inflammatory pain modulation. *British Journal of Pharmacology*, **2007**, 150, 176-85	8.6	91
76	Topical pimecrolimus and tacrolimus transiently induce neuropeptide release and mast cell degranulation in murine skin. *British Journal of Dermatology*, **2007**, 156, 1020-6	4	49
75	PAR-2 activation regulates IL-8 and GRO-alpha synthesis by NF-kappaB, but not RANTES, IL-6, eotaxin or TARC expression in nasal epithelium. *Clinical and Experimental Allergy*, **2007**, 37, 1009-22	4.1	43
74	Agonists of proteinase-activated receptor-2 affect transendothelial migration and apoptosis of human neutrophils. *Experimental Dermatology*, **2007**, 16, 799-806	4	24
73	Endothelin-converting enzyme-1 regulates endosomal sorting of calcitonin receptor-like receptor and beta-arrestins. *Journal of Cell Biology*, **2007**, 179, 981-97	7.3	82
72	Agonist-induced endocytosis of rat somatostatin receptor 1. *Endocrinology*, **2007**, 148, 1050-8	4.8	11
71	Tumor immune escape by the loss of homeostatic chemokine expression. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 19055-60	11.5	109
70	Post-endocytic sorting of calcitonin receptor-like receptor and receptor activity-modifying protein 1. *Journal of Biological Chemistry*, **2007**, 282, 12260-71	5.4	59
69	Neuroimmune interactions in allergic skin diseases. *Current Opinion in Allergy and Clinical Immunology*, **2007**, 7, 365-73	3.3	39
68	Protease-activated receptors: novel PARtners in innate immunity. *Trends in Immunology*, **2007**, 28, 541-50	14.4	81
67	Successful treatment of generalized eruptive histiocytoma with PUVA. *JDDG - Journal of the German Society of Dermatology*, **2007**, 5, 131-4	1.2	17
66	Role for protease activity in visceral pain in irritable bowel syndrome. *Journal of Clinical Investigation*, **2007**, 117, 636-47	15.9	408
65	Microfluidic reveals generation of platelet-strings on tumor-activated endothelium. *Thrombosis and Haemostasis*, **2007**, 98, 283-6	7	20
64	Molekulare Mechanismen der kutanen neurogenen Entzündung und des Juckreizes. *Aktuelle Dermatologie*, **2006**, 32, 463-467	0.1	
63	Tumor-derived matrix metalloproteinase-1 targets endothelial proteinase-activated receptor 1 promoting endothelial cell activation. *Cancer Research*, **2006**, 66, 7766-74	10.1	105
62	Neuronal control of skin function: the skin as a neuroimmunoendocrine organ. *Physiological Reviews*, **2006**, 86, 1309-79	47.9	418
61	Ubiquitin-dependent down-regulation of the neurokinin-1 receptor. *Journal of Biological Chemistry*, **2006**, 281, 27773-83	5.4	51
60	Protease-activated receptor-2 activation: a major role in the pathogenesis of Porphyromonas gingivalis infection. *American Journal of Pathology*, **2006**, 168, 1189-99	5.8	86

59	Development of testicular inflammation in the rat involves activation of proteinase-activated receptor-2. *Journal of Pathology*, **2006**, 208, 686-98	9.4	34
58	IL-31: a new link between T cells and pruritus in atopic skin inflammation. *Journal of Allergy and Clinical Immunology*, **2006**, 117, 411-7	11.5	668
57	Cytokines and chemokines orchestrate atopic skin inflammation. *Journal of Allergy and Clinical Immunology*, **2006**, 118, 178-89	11.5	428
56	Role of vasculature in atopic dermatitis. *Journal of Allergy and Clinical Immunology*, **2006**, 118, 190-7	11.5	37
55	Neurogenic components of trypsin- and thrombin-induced inflammation in rat skin, in vivo. *Experimental Dermatology*, **2006**, 15, 58-65	4	25
54	The neurobiology of itch. *Nature Reviews Neuroscience*, **2006**, 7, 535-47	13.5	676
53	Functional characterization and expression analysis of the proteinase-activated receptor-2 in human cutaneous mast cells. *Journal of Investigative Dermatology*, **2006**, 126, 746-55	4.3	80
52	Neurophysiological, neuroimmunological, and neuroendocrine basis of pruritus. *Journal of Investigative Dermatology*, **2006**, 126, 1705-18	4.3	189
51	A role for proteinase-activated receptor-1 in inflammatory bowel diseases. *Journal of Clinical Investigation*, **2006**, 116, 2056	15.9	4
50	Frontiers in pruritus research: scratching the brain for more effective itch therapy. *Journal of Clinical Investigation*, **2006**, 116, 1174-86	15.9	261
49	Tumor-Endothelial MMP1/PAR1 Crosstalk Promotes Formation of UL-VWF-Strings on Human Endothelium.. *Blood*, **2006**, 108, 3945-3945	2.2	
48	Case mix measures and diagnosis-related groups: opportunities and threats for inpatient dermatology. *Journal of the European Academy of Dermatology and Venereology*, **2005**, 19, 582-8	4.6	16
47	Proteinase-activated receptor-1 is an anti-inflammatory signal for colitis mediated by a type 2 immune response. *Inflammatory Bowel Diseases*, **2005**, 11, 792-8	4.5	42
46	Pathway management in ambulatory wound care: defining local standards for quality improvement and interprofessional care. *International Wound Journal*, **2005**, 2, 104-11	2.6	5
45	Agonists of proteinase-activated receptor-2 stimulate upregulation of intercellular cell adhesion molecule-1 in primary human keratinocytes via activation of NF-kappa B. *Journal of Investigative Dermatology*, **2005**, 124, 38-45	4.3	95
44	Viewpoint 5. *Experimental Dermatology*, **2005**, 14, 231-233	4	3
43	Stimulation of keratinocyte differentiation by a new role for the vanilloid receptor subtype 1 (VR1/TRPV1)?. *Experimental Dermatology*, **2005**, 14, 155-155	4	4
42	How best to fight that nasty itch - from new insights into the neuroimmunological, neuroendocrine, and neurophysiological bases of pruritus to novel therapeutic approaches. *Experimental Dermatology*, **2005**, 14, 225-40	4	36

41	Proteinase-activated receptors: transducers of proteinase-mediated signaling in inflammation and immune response. *Endocrine Reviews*, **2005**, 26, 1-43	27.2	419
40	Cutaneous allergic contact dermatitis responses are diminished in mice deficient in neurokinin 1 receptors and augmented by neurokinin 2 receptor blockage. *FASEB Journal*, **2004**, 18, 1007-9	0.9	44
39	Recycling and resensitization of the neurokinin 1 receptor. Influence of agonist concentration and Rab GTPases. *Journal of Biological Chemistry*, **2004**, 279, 30670-9	5.4	65
38	Agonists of proteinase-activated receptor-2 modulate human neutrophil cytokine secretion, expression of cell adhesion molecules, and migration within 3-D collagen lattices. *Journal of Leukocyte Biology*, **2004**, 76, 388-98	6.5	47
37	Pimecrolimus -- an anti-inflammatory drug targeting the skin. *Experimental Dermatology*, **2004**, 13, 721-30	4	94
36	Expression of vanilloid receptor subtype 1 in cutaneous sensory nerve fibers, mast cells, and epithelial cells of appendage structures. *Experimental Dermatology*, **2004**, 13, 129-39	4	316
35	Anti-inflammatory effects of nitric oxide-releasing hydrocortisone NCX 1022, in a murine model of contact dermatitis. *British Journal of Pharmacology*, **2004**, 143, 618-25	8.6	30
34	A role for proteinase-activated receptor-1 in inflammatory bowel diseases. *Journal of Clinical Investigation*, **2004**, 114, 1444-56	15.9	65
33	Neuronal sensitization for histamine-induced itch in lesional skin of patients with atopic dermatitis. *Archives of Dermatology*, **2003**, 139, 1455-8		80
32	Neurophysiology of pruritus: interaction of itch and pain. *Archives of Dermatology*, **2003**, 139, 1475-8		76
31	Role of proteinase-activated receptors in cutaneous biology and disease. *Drug Development Research*, **2003**, 59, 408-416	5.1	22
30	Proteinase-activated receptors: novel signals for peripheral nerves. *Trends in Neurosciences*, **2003**, 26, 496-500	13.3	97
29	Colitis induced by proteinase-activated receptor-2 agonists is mediated by a neurogenic mechanism. *Canadian Journal of Physiology and Pharmacology*, **2003**, 81, 920-7	2.4	76
28	Modern aspects of cutaneous neurogenic inflammation. *Archives of Dermatology*, **2003**, 139, 1479-88		232
27	Neurophysiology of pruritus: cutaneous elicitation of itch. *Archives of Dermatology*, **2003**, 139, 1463-70		142
26	Proinflammatory role of proteinase-activated receptor-2 in humans and mice during cutaneous inflammation in vivo. *FASEB Journal*, **2003**, 17, 1871-85	0.9	109
25	Proteinase-activated receptor-2 mediates itch: a novel pathway for pruritus in human skin. *Journal of Neuroscience*, **2003**, 23, 6176-80	6.6	448
24	Pathophysiology of pruritus in atopic dermatitis: an overview. *Experimental Dermatology*, **2002**, 11, 12-24	4	162

23	Agonists of proteinase-activated receptor 2 induce cytokine release and activation of nuclear transcription factor kappaB in human dermal microvascular endothelial cells. *Journal of Investigative Dermatology*, **2002**, 118, 380-5	4.3	94
22	Characterization of thrombin-induced leukocyte rolling and adherence: a potential proinflammatory role for proteinase-activated receptor-4. *Journal of Immunology*, **2002**, 169, 1467-73	5.3	126
21	Localization of mu-opioid receptor 1A on sensory nerve fibers in human skin. *Regulatory Peptides*, **2002**, 110, 75-83		77
20	Successful topical treatment of focal epithelial hyperplasia (Heck's disease) with interferon-beta. *British Journal of Dermatology*, **2001**, 144, 1067-9	4	37
19	Agonists of proteinase-activated receptor 1 induce plasma extravasation by a neurogenic mechanism. *British Journal of Pharmacology*, **2001**, 133, 975-87	8.6	108
18	Neutral endopeptidase terminates substance P-induced inflammation in allergic contact dermatitis. *Journal of Immunology*, **2001**, 166, 1285-91	5.3	91
17	Indirect RT-PCR in-situ hybridization: a novel non-radioactive method for detecting glucose-dependent insulinotropic peptide. *Regulatory Peptides*, **2001**, 97, 187-94		6
16	Keratinocytes in epidermal immune responses. *Current Opinion in Allergy and Clinical Immunology*, **2001**, 1, 469-476	3.3	20
15	Keratinocytes in epidermal immune responses. *Current Opinion in Allergy and Clinical Immunology*, **2001**, 1, 469-76	3.3	43
14	Substance P induction of murine keratinocyte PAM 212 interleukin 1 production is mediated by the neurokinin 2 receptor (NK-2R). *Experimental Dermatology*, **2000**, 9, 42-52	4	44
13	Presence and bronchomotor activity of protease-activated receptor-2 in guinea pig airways. *American Journal of Respiratory and Critical Care Medicine*, **2000**, 161, 1672-80	10.2	102
12	Agonists of proteinase-activated receptor 2 induce inflammation by a neurogenic mechanism. *Nature Medicine*, **2000**, 6, 151-8	50.5	788
11	Intestinal type 2 proteinase-activated receptors: expression in opioid-sensitive secretomotor neural circuits that mediate epithelial ion transport. *Journal of Pharmacology and Experimental Therapeutics*, **2000**, 295, 410-6	4.7	43
10	Proteinase-activated receptor-2 in human skin: tissue distribution and activation of keratinocytes by mast cell tryptase. *Experimental Dermatology*, **1999**, 8, 282-94	4	173
9	Evidence for a role of macrophage migration inhibitory factor in psoriatic skin disease. *British Journal of Dermatology*, **1999**, 141, 1061-6	4	40
8	Identification of pituitary adenylate cyclase activating polypeptide (PACAP) and PACAP type 1 receptor in human skin: expression of PACAP-38 is increased in patients with psoriasis. *Regulatory Peptides*, **1999**, 80, 49-55		32
7	Basolateral proteinase-activated receptor (PAR-2) induces chloride secretion in M-1 mouse renal cortical collecting duct cells. *Journal of Physiology*, **1999**, 521 Pt 1, 3-17	3.9	64
6	Trypsin activates pancreatic duct epithelial cell ion channels through proteinase-activated receptor-2. *Journal of Clinical Investigation*, **1999**, 103, 261-9	15.9	139

5	Neuropeptide regulation of human dermal microvascular endothelial cell ICAM-1 expression and function. *American Journal of Physiology - Cell Physiology*, **1998**, 275, C1580-90	5.4	58
4	Proteinase-activated receptors: novel mechanisms of signaling by serine proteases. *American Journal of Physiology - Cell Physiology*, **1998**, 274, C1429-52	5.4	640
3	Hormonally induced changes in apocrine secretion of transglutaminase in the rat dorsal prostate and coagulating gland. *European Journal of Cell Biology*, **1994**, 65, 49-59	6.1	34
2	Arguments against the prostatic origin of the R-3327 Dunning H tumor. *Vigiliae Christianae*, **1992**, 62, 9-18	0.2	13
1	Basal cells of H-Dunning tumor are myoepithelial cells. A comparative immunohistochemical and ultrastructural study with male accessory sex glands and mammary gland. *Histochemistry*, **1991**, 95, 341-9		16