# Martin Steinhoff

## List of Publications by Citations



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|---|---|---|---|
| 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 | Agonists of proteinase-activated receptor 2 induce inflammation by a neurogenic mechanism. *Nature Medicine*, **2000**, 6, 151-8 | 50.5 | 788 |
| 255 | The neurobiology of itch. *Nature Reviews Neuroscience*, **2006**, 7, 535-47 | 13.5 | 676 |
| 254 | 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 |
| 253 | Proteinase-activated receptors: novel mechanisms of signaling by serine proteases. *American Journal of Physiology - Cell Physiology*, **1998**, 274, C1429-52 | 5.4 | 640 |
| 252 | Proteinase-activated receptor-2 mediates itch: a novel pathway for pruritus in human skin. *Journal of Neuroscience*, **2003**, 23, 6176-80 | 6.6 | 448 |
| 251 | Cytokines and chemokines orchestrate atopic skin inflammation. *Journal of Allergy and Clinical Immunology*, **2006**, 118, 178-89 | 11.5 | 428 |
| 250 | Proteinase-activated receptors: transducers of proteinase-mediated signaling in inflammation and immune response. *Endocrine Reviews*, **2005**, 26, 1-43 | 27.2 | 419 |
| 249 | Neuronal control of skin function: the skin as a neuroimmunoendocrine organ. *Physiological Reviews*, **2006**, 86, 1309-79 | 47.9 | 418 |
| 248 | Role for protease activity in visceral pain in irritable bowel syndrome. *Journal of Clinical Investigation*, **2007**, 117, 636-47 | 15.9 | 408 |
| 247 | 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 |
| 246 | 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 |
| 245 | Frontiers in pruritus research: scratching the brain for more effective itch therapy. *Journal of Clinical Investigation*, **2006**, 116, 1174-86 | 15.9 | 261 |
| 244 | Modern aspects of cutaneous neurogenic inflammation. *Archives of Dermatology*, **2003**, 139, 1479-88 | | 232 |
| 243 | The TGR5 receptor mediates bile acid-induced itch and analgesia. *Journal of Clinical Investigation*, **2013**, 123, 1513-30 | 15.9 | 229 |
| 242 | "Outside-to-inside" (and now back to "outside") pathogenic mechanisms in atopic dermatitis. *Journal of Investigative Dermatology*, **2008**, 128, 1067-70 | 4.3 | 212 |
| 241 | New insights into rosacea pathophysiology: a review of recent findings. *Journal of the American Academy of Dermatology*, **2013**, 69, S15-26 | 4.5 | 201 |
| 240 | B cells regulate macrophage phenotype and response to chemotherapy in squamous carcinomas. *Cancer Cell*, **2014**, 25, 809-821 | 24.3 | 199 |

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| 239 | Neurophysiological, neuroimmunological, and neuroendocrine basis of pruritus. *Journal of Investigative Dermatology*, **2006**, 126, 1705-18 | 4.3 | 189 |
| 238 | 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 |
| 237 | 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 |
| 236 | Clinical, cellular, and molecular aspects in the pathophysiology of rosacea. *Journal of Investigative Dermatology Symposium Proceedings*, **2011**, 15, 2-11 | 1.1 | 169 |
| 235 | Pathophysiology of pruritus in atopic dermatitis: an overview. *Experimental Dermatology*, **2002**, 11, 12-24 | 4 | 162 |
| 234 | Neurovascular and neuroimmune aspects in the pathophysiology of rosacea. *Journal of Investigative Dermatology Symposium Proceedings*, **2011**, 15, 53-62 | 1.1 | 159 |
| 233 | The distinct roles of two GPCRs, MrgprC11 and PAR2, in itch and hyperalgesia. *Science Signaling*, **2011**, 4, ra45 | 8.8 | 158 |
| 232 | 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 |
| 231 | Psychoneuroimmunology of psychological stress and atopic dermatitis: pathophysiologic and therapeutic updates. *Acta Dermato-Venereologica*, **2012**, 92, 7-15 | 2.2 | 145 |
| 230 | Neurophysiology of pruritus: cutaneous elicitation of itch. *Archives of Dermatology*, **2003**, 139, 1463-70 | | 142 |
| 229 | Trypsin activates pancreatic duct epithelial cell ion channels through proteinase-activated receptor-2. *Journal of Clinical Investigation*, **1999**, 103, 261-9 | 15.9 | 139 |
| 228 | Role of protease-activated receptors in inflammatory responses, innate and adaptive immunity. *Journal of Leukocyte Biology*, **2008**, 83, 1309-22 | 6.5 | 137 |
| 227 | Activation of proteinase-activated receptor-2 by human kallikrein-related peptidases. *Journal of Investigative Dermatology*, **2008**, 128, 18-25 | 4.3 | 131 |
| 226 | 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 |
| 225 | 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 |
| 224 | 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 |
| 223 | 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 |
| 222 | 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 |

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| 221 | Role of miRNA-Regulated Cancer Stem Cells in the Pathogenesis of Human Malignancies. *Cells*, **2019**, 8, | 7.9 | 115 |
| 220 | 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 |
| 219 | 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 |
| 218 | 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 |
| 217 | Agonists of proteinase-activated receptor 1 induce plasma extravasation by a neurogenic mechanism. *British Journal of Pharmacology*, **2001**, 133, 975-87 | 8.6 | 108 |
| 216 | Tumor-derived matrix metalloproteinase-1 targets endothelial proteinase-activated receptor 1 promoting endothelial cell activation. *Cancer Research*, **2006**, 66, 7766-74 | 10.1 | 105 |
| 215 | 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 |
| 214 | 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 |
| 213 | Proteinase-activated receptors: novel signals for peripheral nerves. *Trends in Neurosciences*, **2003**, 26, 496-500 | 13.3 | 97 |
| 212 | Integrative concepts of rosacea pathophysiology, clinical presentation and new therapeutics. *Experimental Dermatology*, **2017**, 26, 659-667 | 4 | 95 |
| 211 | 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 |
| 210 | Pimecrolimus -- an anti-inflammatory drug targeting the skin. *Experimental Dermatology*, **2004**, 13, 721-30 | 4 | 94 |
| 209 | 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 |
| 208 | Protease-activated receptor-4: a novel mechanism of inflammatory pain modulation. *British Journal of Pharmacology*, **2007**, 150, 176-85 | 8.6 | 91 |
| 207 | Neutral endopeptidase terminates substance P-induced inflammation in allergic contact dermatitis. *Journal of Immunology*, **2001**, 166, 1285-91 | 5.3 | 91 |
| 206 | Management of itch in atopic dermatitis. *Seminars in Cutaneous Medicine and Surgery*, **2011**, 30, 71-86 | 1.4 | 89 |
| 205 | Rosacea: The cytokine and chemokine network. *Journal of Investigative Dermatology Symposium Proceedings*, **2011**, 15, 40-7 | 1.1 | 88 |
| 204 | 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 |

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| 203 | 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 |
| 202 | Protease-activated receptor-4 (PAR 4): a role as inhibitor of visceral pain and hypersensitivity. *Neurogastroenterology and Motility*, **2009**, 21, 1189-e107 | 4 | 84 |
| 201 | Involvement of TRPV4 in Serotonin-Evoked Scratching. *Journal of Investigative Dermatology*, **2016**, 136, 154-160 | 4.3 | 82 |
| 200 | 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 |
| 199 | Protease-activated receptors: novel PARtners in innate immunity. *Trends in Immunology*, **2007**, 28, 541-50 | 14.4 | 81 |
| 198 | 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 |
| 197 | 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 |
| 196 | Neuronal sensitization for histamine-induced itch in lesional skin of patients with atopic dermatitis. *Archives of Dermatology*, **2003**, 139, 1455-8 | | 80 |
| 195 | IL-33: a novel danger signal system in atopic dermatitis. *Journal of Investigative Dermatology*, **2012**, 132, 1326-9 | 4.3 | 78 |
| 194 | Protease-activated receptor-2 activation: a major actor in intestinal inflammation. *Gut*, **2008**, 57, 1222-9 | 19.2 | 78 |
| 193 | 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 |
| 192 | Pruritus in elderly patients--eruptions of senescence. *Seminars in Cutaneous Medicine and Surgery*, **2011**, 30, 113-7 | 1.4 | 77 |
| 191 | Localization of mu-opioid receptor 1A on sensory nerve fibers in human skin. *Regulatory Peptides*, **2002**, 110, 75-83 | | 77 |
| 190 | PAR2 absence completely rescues inflammation and ichthyosis caused by altered CAP1/Prss8 expression in mouse skin. *Nature Communications*, **2011**, 2, 161 | 17.4 | 76 |
| 189 | Neurophysiology of pruritus: interaction of itch and pain. *Archives of Dermatology*, **2003**, 139, 1475-8 | | 76 |
| 188 | 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 |
| 187 | Rosacea treatment update: recommendations from the global ROSacea COnsensus (ROSCO) panel. *British Journal of Dermatology*, **2017**, 176, 465-471 | 4 | 74 |
| 186 | New mechanism underlying IL-31-induced atopic dermatitis. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 1677-1689.e8 | 11.5 | 73 |

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| 185 | 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 |
| 184 | Mouse model of touch-evoked itch (alloknesis). *Journal of Investigative Dermatology*, **2012**, 132, 1886-91 | 4.3 | 69 |
| 183 | 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 |
| 182 | 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 |
| 181 | A role for proteinase-activated receptor-1 in inflammatory bowel diseases. *Journal of Clinical Investigation*, **2004**, 114, 1444-56 | 15.9 | 65 |
| 180 | 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 |
| 179 | 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 |
| 178 | Recent advances in understanding and managing rosacea. *F1000Research*, **2018**, 7, | 3.6 | 64 |
| 177 | Evaluation of protease-activated receptor 2 in murine models of arthritis. *Arthritis and Rheumatism*, **2007**, 56, 101-7 | | 60 |
| 176 | Neural peptidase endothelin-converting enzyme 1 regulates endothelin 1-induced pruritus. *Journal of Clinical Investigation*, **2014**, 124, 2683-95 | 15.9 | 60 |
| 175 | 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 |
| 174 | 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 |
| 173 | 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 |
| 172 | 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 |
| 171 | Endosomal endothelin-converting enzyme-1: a regulator of beta-arrestin-dependent ERK signaling. *Journal of Biological Chemistry*, **2009**, 284, 22411-22425 | 5.4 | 52 |
| 170 | PAR-2 inhibition reverses experimental pulmonary hypertension. *Circulation Research*, **2012**, 110, 1179-91 | 15.7 | 52 |
| 169 | Ubiquitin-dependent down-regulation of the neurokinin-1 receptor. *Journal of Biological Chemistry*, **2006**, 281, 27773-83 | 5.4 | 51 |
| 168 | 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 |

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| 167 | Clinical presentation, management, and pathophysiology of neuropathic itch. *Lancet Neurology, The* , **2018**, 17, 709-720 | 24.1 | 49 |
| 166 | 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 |
| 165 | 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 |
| 164 | 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 |
| 163 | Pruritus: management algorithms and experimental therapies. *Seminars in Cutaneous Medicine and Surgery*, **2011**, 30, 127-37 | 1.4 | 45 |
| 162 | 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 |
| 161 | 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 |
| 160 | Facial Erythema of Rosacea - Aetiology, Different Pathophysiologies and Treatment Options. *Acta Dermato-Venereologica*, **2016**, 96, 579-86 | 2.2 | 44 |
| 159 | Role of mast cells and basophils in pruritus. *Immunological Reviews*, **2018**, 282, 248-264 | 11.3 | 43 |
| 158 | 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 |
| 157 | Keratinocytes in epidermal immune responses. *Current Opinion in Allergy and Clinical Immunology*, **2001**, 1, 469-76 | 3.3 | 43 |
| 156 | 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 |
| 155 | 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 |
| 154 | Anatomy and neurophysiology of pruritus. *Seminars in Cutaneous Medicine and Surgery*, **2011**, 30, 64-70 | 1.4 | 41 |
| 153 | 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 |
| 152 | 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 |
| 151 | Evidence for a role of macrophage migration inhibitory factor in psoriatic skin disease. *British Journal of Dermatology*, **1999**, 141, 1061-6 | 4 | 40 |
| 150 | Neurogenic rosacea: a distinct clinical subtype requiring a modified approach to treatment. *Archives of Dermatology*, **2011**, 147, 123-6 | | 39 |

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| 149 | Proteinase-activated receptor-2 (PAR2): a tumor suppressor in skin carcinogenesis. *Journal of Investigative Dermatology*, **2007**, 127, 2245-52 | 4.3 | 39 |
| 148 | Neuroimmune interactions in allergic skin diseases. *Current Opinion in Allergy and Clinical Immunology*, **2007**, 7, 365-73 | 3.3 | 39 |
| 147 | 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 |
| 146 | Interleukin-4 and interleukin-13 evoke scratching behaviour in mice. *Experimental Dermatology*, **2019**, 28, 1501-1504 | 4 | 38 |
| 145 | Microfluidic reveals generation of platelet-strings on tumoractivated endothelium. *Thrombosis and Haemostasis*, **2007**, 98, 283-286 | 7 | 38 |
| 144 | Transient receptor potential ankyrin 1 mediates chronic pancreatitis pain in mice. *American Journal of Physiology - Renal Physiology*, **2013**, 304, G1002-12 | 5.1 | 37 |
| 143 | Thrombin receptor: An endogenous inhibitor of inflammatory pain, activating opioid pathways. *Pain* , **2009**, 146, 121-9 | 8 | 37 |
| 142 | Role of matriptase and proteinase-activated receptor-2 in nonmelanoma skin cancer. *Journal of Investigative Dermatology*, **2009**, 129, 1816-23 | 4.3 | 37 |
| 141 | Role of vasculature in atopic dermatitis. *Journal of Allergy and Clinical Immunology*, **2006**, 118, 190-7 | 11.5 | 37 |
| 140 | Successful topical treatment of focal epithelial hyperplasia (Heck disease) with interferon-beta. *British Journal of Dermatology*, **2001**, 144, 1067-9 | 4 | 37 |
| 139 | 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 |
| 138 | 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 |
| 137 | Role of cytokines and chemokines in itch. *Handbook of Experimental Pharmacology*, **2015**, 226, 163-76 | 3.2 | 34 |
| 136 | Development of testicular inflammation in the rat involves activation of proteinase-activated receptor-2. *Journal of Pathology*, **2006**, 208, 686-98 | 9.4 | 34 |
| 135 | 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 |
| 134 | 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 |
| 133 | Endothelin-converting enzyme-1 degrades internalized somatostatin-14. *Endocrinology*, **2008**, 149, 2200-78 | 4.8 | 33 |
| 132 | Pruritus and renal failure. *Seminars in Cutaneous Medicine and Surgery*, **2011**, 30, 99-100 | 1.4 | 32 |

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|---|---|---|---|
| 131 | 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 |
| 130 | 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 |
| 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 | 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 |
| 127 | The Role of Extracellular Vesicles as Modulators of the Tumor Microenvironment, Metastasis and Drug Resistance in Colorectal Cancer. *Cancers*, **2019**, 11, | 6.6 | 29 |
| 126 | Molecular mechanisms of pruritus. *Current Research in Translational Medicine*, **2016**, 64, 203-206 | 3.7 | 29 |
| 125 | Histamine and antihistamines in atopic dermatitis. *Advances in Experimental Medicine and Biology*, **2010**, 709, 73-80 | 3.6 | 29 |
| 124 | Non-Coding RNAs as Regulators and Markers for Targeting of Breast Cancer and Cancer Stem Cells. *Cancers*, **2020**, 12, | 6.6 | 26 |
| 123 | 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 |
| 122 | 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 |
| 121 | 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 |
| 120 | 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 |
| 119 | Serine protease inhibition reduces post-ischemic granulocyte recruitment in mouse intestine. *American Journal of Pathology*, **2012**, 180, 141-52 | 5.8 | 25 |
| 118 | Neurogenic components of trypsin- and thrombin-induced inflammation in rat skin, in vivo. *Experimental Dermatology*, **2006**, 15, 58-65 | 4 | 25 |
| 117 | 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 |
| 116 | Agonists of proteinase-activated receptor-2 affect transendothelial migration and apoptosis of human neutrophils. *Experimental Dermatology*, **2007**, 16, 799-806 | 4 | 24 |
| 115 | Role of proteinase-activated receptors in cutaneous biology and disease. *Drug Development Research*, **2003**, 59, 408-416 | 5.1 | 22 |
| 114 | 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 |

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|---|---|---|---|
| 113 | Role of neuroimmune circuits and pruritus in psoriasis. *Experimental Dermatology*, **2020**, 29, 414-426 | 4 | 21 |
| 112 | Innovative management of pruritus. *Dermatologic Clinics*, **2010**, 28, 467-78 | 4.2 | 21 |
| 111 | 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 |
| 110 | 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 |
| 109 | Keratinocytes in epidermal immune responses. *Current Opinion in Allergy and Clinical Immunology*, **2001**, 1, 469-476 | 3.3 | 20 |
| 108 | Neuropathic itch. *Pain*, **2019**, 160 Suppl 1, S11-S16 | 8 | 20 |
| 107 | Microfluidic reveals generation of platelet-strings on tumor-activated endothelium. *Thrombosis and Haemostasis*, **2007**, 98, 283-6 | 7 | 20 |
| 106 | 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 |
| 105 | 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 |
| 104 | Protein phosphatase 2A mediates resensitization of the neurokinin 1 receptor. *American Journal of Physiology - Cell Physiology*, **2011**, 301, C780-91 | 5.4 | 18 |
| 103 | Interleukin-31: The "itchy" cytokine in inflammation and therapy. *Allergy: European Journal of Allergy and Clinical Immunology*, **2021**, 76, 2982-2997 | 9.3 | 18 |
| 102 | Successful treatment of generalized eruptive histiocytoma with PUVA. *JDDG - Journal of the German Society of Dermatology*, **2007**, 5, 131-4 | 1.2 | 17 |
| 101 | Shortcomings in rosacea diagnosis and classification. *British Journal of Dermatology*, **2017**, 176, 197-199 | 4 | 16 |
| 100 | Understanding the Burden of Atopic Dermatitis in Africa and the Middle East. *Dermatology and Therapy*, **2019**, 9, 223-241 | 4 | 16 |
| 99 | Evaluation and management of a patient with chronic pruritus. *Journal of Allergy and Clinical Immunology*, **2012**, 130, 1015-6.e7 | 11.5 | 16 |
| 98 | 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 |
| 97 | 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 |
| 96 | 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 |

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