

Stephan Schreml

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

5,870
citations

126907

33
h-index

79698

73
g-index

122
all docs

122
docs citations

122
times ranked

8471
citing authors

#	ARTICLE	IF	CITATIONS
1	LDHA-Associated Lactic Acid Production Blunts Tumor Immunosurveillance by T and NK Cells. <i>Cell Metabolism</i> , 2016, 24, 657-671.	16.2	1,126
2	Oxygen in acute and chronic wound healing. <i>British Journal of Dermatology</i> , 2010, 163, 257-268.	1.5	537
3	Cytokines, chemokines and growth factors in wound healing. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2012, 26, 812-820.	2.4	320
4	Wound healing in the 21st century. <i>Journal of the American Academy of Dermatology</i> , 2010, 63, 866-881.	1.2	292
5	Intense pulsed light (IPL): A review. <i>Lasers in Surgery and Medicine</i> , 2010, 42, 93-104.	2.1	242
6	The impact of the pH value on skin integrity and cutaneous wound healing. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2010, 24, 373-378.	2.4	195
7	Photodynamic therapy in dermatology: state-of-the-art. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2010, 26, 118-132.	1.5	194
8	2D luminescence imaging of pH in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2432-2437.	7.1	183
9	Clinical and Morphological Conditions in Capsular Contracture Formed around Silicone Breast Implants. <i>Plastic and Reconstructive Surgery</i> , 2007, 120, 275-284.	1.4	155
10	Luminescent Dual Sensors Reveal Extracellular pH-Gradients and Hypoxia on Chronic Wounds That Disrupt Epidermal Repair. <i>Theranostics</i> , 2014, 4, 721-735.	10.0	117
11	Luminescent probes for detection and imaging of hydrogen peroxide. <i>Mikrochimica Acta</i> , 2011, 174, 1-18.	5.0	116
12	Clinical, histopathological and immunohistochemical assessment of human skin field cancerization before and after photodynamic therapy. <i>British Journal of Dermatology</i> , 2012, 167, 150-159.	1.5	116
13	Simultaneous Photographing of Oxygen and pH In Vivo Using Sensor Films. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10893-10896.	13.8	115
14	Filaggrin Deficiency Leads to Impaired Lipid Profile and Altered Acidification Pathways in a 3D Skin Construct. <i>Journal of Investigative Dermatology</i> , 2014, 134, 746-753.	0.7	106
15	Does the Surface Structure of Implants Have an Impact on the Formation of a Capsular Contracture?. <i>Aesthetic Plastic Surgery</i> , 2007, 31, 133-139.	0.9	93
16	Bacterial Colonization Is of Major Relevance for High-Grade Capsular Contracture After Augmentation Mammoplasty. <i>Annals of Plastic Surgery</i> , 2007, 59, 126-130.	0.9	91
17	Harvesting human adipose tissue-derived adult stem cells: resection versus liposuction. <i>Cytotherapy</i> , 2009, 11, 947-957.	0.7	88
18	Skin signs in diabetes mellitus. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2012, 26, 1203-1211.	2.4	80

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19	Fluorescence induction of protoporphyrin IX by a new 5-aminolevulinic acid nanoemulsion used for photodynamic therapy in a full-thickness <i>ex vivo</i> skin model. <i>Experimental Dermatology</i> , 2010, 19, e302-5.	2.9	72
20	Cutaneous amyloidoses and systemic amyloidoses with cutaneous involvement. <i>European Journal of Dermatology</i> , 2010, 20, 152-160.	0.6	72
21	In Vitro Studies Investigating the Effect of Subcutaneous Phosphatidylcholine Injections in the 3T3-L1 Adipocyte Model: Lipolysis or Lipid Dissolution?. <i>Plastic and Reconstructive Surgery</i> , 2009, 124, 419-427.	1.4	68
22	2D luminescence imaging of physiological wound oxygenation. <i>Experimental Dermatology</i> , 2011, 20, 550-554.	2.9	57
23	A sprayable luminescent pH sensor and its use for wound imaging <i>in vivo</i> . <i>Experimental Dermatology</i> , 2012, 21, 951-953.	2.9	53
24	Proton-sensing G protein-coupled receptors as regulators of cell proliferation and migration during tumor growth and wound healing. <i>Experimental Dermatology</i> , 2017, 26, 127-132.	2.9	52
25	Transcutaneous pO ₂ imaging during tourniquet-induced forearm ischemia using planar optical oxygen sensors. <i>Skin Research and Technology</i> , 2008, 14, 304-311.	1.6	49
26	Noninvasive in vivo assessment of muscle impairment in the mdx mouse model – A comparison of two common wire hanging methods with two different results. <i>Journal of Neuroscience Methods</i> , 2012, 203, 292-297.	2.5	49
27	Split-face comparison of intense pulsed light with short- and long-pulsed dye lasers for the treatment of portwine stains. <i>Lasers in Surgery and Medicine</i> , 2010, 42, 720-727.	2.1	48
28	Impact of Age and Body Site on Adult Female Skin Surface pH. <i>Dermatology</i> , 2012, 224, 66-71.	2.1	45
29	Surgical Treatment of Chronic Phantom Limb Sensation and Limb Pain after Lower Limb Amputation. <i>Plastic and Reconstructive Surgery</i> , 2006, 118, 1562-1572.	1.4	44
30	Topical photodynamic therapy with porphyrin precursors – assessment of treatment-associated pain in a retrospective study. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 1111.	2.9	44
31	A new star on the horizon of wound healing?. <i>Experimental Dermatology</i> , 2011, 20, 229-231.	2.9	39
32	Value of anatomic site, histology and clinicopathological parameters for prediction of lymph node metastasis and overall survival in head and neck melanomas. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2014, 42, e252-e258.	1.7	38
33	A Co-Culture Model of Fibroblasts and Adipose Tissue-Derived Stem Cells Reveals New Insights into Impaired Wound Healing After Radiotherapy. <i>International Journal of Molecular Sciences</i> , 2015, 16, 25947-25958.	4.1	37
34	Management of Split-Thickness Donor Sites With Synthetic Wound Dressings. <i>Annals of Plastic Surgery</i> , 2010, 65, 490-496.	0.9	34
35	A water-sprayable, thermogelating and biocompatible polymer host for use in fluorescent chemical sensing and imaging of oxygen, pH values and temperature. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 37-44.	7.8	33
36	Neurocutaneous melanosis in association with Dandy-Walker malformation: case report and literature review. <i>Clinical and Experimental Dermatology</i> , 2008, 33, 611-614.	1.3	32

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37	A safe and simple technique using the distal pedicled reversed upper arm flap to cover large elbow defects. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2008, 61, 546-551.	1.0	31
38	Indocyanine green-augmented diode laser treatment of port-wine stains: clinical and histological evidence for a new treatment option from a randomized controlled trial. <i>British Journal of Dermatology</i> , 2012, 167, 333-342.	1.5	31
39	Biological predictors of radiosensitivity in head and neck squamous cell carcinoma. <i>Clinical Oral Investigations</i> , 2018, 22, 189-200.	3.0	29
40	Impact of a Glycolic Acid-Containing pH 4 Water-in-Oil Emulsion on Skin pH. <i>Skin Pharmacology and Physiology</i> , 2015, 28, 290-295.	2.5	26
41	Pityriasis rubra pilaris successfully treated with adalimumab. <i>Clinical and Experimental Dermatology</i> , 2010, 35, 792-793.	1.3	21
42	Evidence-based topical management of chronic wounds according to the T.I.M.E. principle. <i>JDDG - Journal of the German Society of Dermatology</i> , 2013, 11, 819-829.	0.8	21
43	Multiple Symmetric Lipomatosis: New Classification System Based on the Largest German Patient Cohort. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2018, 6, e1722.	0.6	20
44	Transcription Profile in Sporadic Multiple Symmetric Lipomatosis Reveals Differential Expression at the Level of Adipose Tissue-Derived Stem Cells. <i>Plastic and Reconstructive Surgery</i> , 2016, 137, 1181-1190.	1.4	19
45	Primary localized cutaneous nodular amyloidosis of the feet: a case report and review of the literature. <i>Cutis</i> , 2014, 93, 89-94.	0.3	19
46	Transcutaneous pO ₂ measurement during tourniquet-induced venous occlusion using dynamic phosphorescence imaging. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 40, 249-258.	1.7	18
47	Adipose Tissue-Derived Stem Cell Secreted IGF-1 Protects Myoblasts from the Negative Effect of Myostatin. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	18
48	The global burden of diabetic wounds. <i>British Journal of Dermatology</i> , 2017, 176, 845-846.	1.5	18
49	mTOR-inhibitors simultaneously inhibit proliferation and basal IL-6 synthesis of human coronary artery endothelial cells. <i>International Immunopharmacology</i> , 2007, 7, 781-790.	3.8	17
50	Wound monitoring of pH and oxygen in patients after radiation therapy. <i>Radiation Oncology</i> , 2019, 14, 199.	2.7	17
51	Improvements in high resolution ultrasound for postoperative investigation of capillary microperfusion after free tissue transfer. <i>Clinical Hemorheology and Microcirculation</i> , 2009, 43, 35-49.	1.7	16
52	Effect of iodinated contrast media on renal perfusion: A randomized comparison study in pigs using quantitative contrast-enhanced ultrasound (CEUS). <i>Scientific Reports</i> , 2017, 7, 13125.	3.3	16
53	Evaluation of microcirculation of free flaps of the lower leg by contrast harmonic imaging (CHI) with time intensity curve (TIC) analysis. <i>Clinical Hemorheology and Microcirculation</i> , 2008, 39, 343-350.	1.7	15
54	Expression of proton-sensing G-protein-coupled receptors in selected skin tumors. <i>Experimental Dermatology</i> , 2019, 28, 66-71.	2.9	15

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55	Flow Cytometric Analysis of Peripheral Blood Lymphocyte Subsets in Patients with Silicone Breast Implants. <i>Plastic and Reconstructive Surgery</i> , 2008, 121, 25-30.	1.4	14
56	Photodynamic therapy in dermatology. <i>JDDG - Journal of the German Society of Dermatology</i> , 2010, 8, 454-464.	0.8	14
57	Amyloid in skin and brain: What's the link?. <i>Experimental Dermatology</i> , 2010, 19, 953-957.	2.9	14
58	Experience with non-ablative fractional photothermolysis with a dual-mode laser device (1,440/1,320) nm. <i>Lasers in Medicine and Surgery</i> , 2011, 26, 473-479.	2.1	14
59	The Impact of 10% α -Hydroxy Acid Emulsion on Skin pH. <i>Skin Pharmacology and Physiology</i> , 2012, 25, 34-38.	2.5	14
60	Reusable optical sensing microplate for hydrogen peroxide using a fluorescent photoinduced electron transfer probe (HP Green). <i>Sensors and Actuators B: Chemical</i> , 2014, 193, 799-805.	7.8	13
61	Long-term outcome and subjective quality of life after surgical treatment of lower lip cancer. <i>Clinical Oral Investigations</i> , 2015, 19, 1093-1099.	3.0	13
62	Bullous Pemphigoid Associated with Adalimumab Therapy in a Patient with Ulcerative Colitis. <i>Case Reports in Dermatology</i> , 2018, 10, 145-148.	0.8	13
63	Expression profiles of proton-sensing G-protein coupled receptors in common skin tumors. <i>Scientific Reports</i> , 2020, 10, 15327.	3.3	13
64	Postoperative assessment of free skin flap viability by transcutaneous pO ₂ measurement using dynamic phosphorescence imaging. <i>Clinical Hemorheology and Microcirculation</i> , 2009, 43, 11-18.	1.7	12
65	Kyrle Disease and Acquired Perforating Collagenosis Secondary to Chronic Renal Failure and Diabetes Mellitus. <i>Case Reports in Dermatology</i> , 2011, 3, 209-211.	0.8	12
66	A comparison of cell survival and heat shock protein expression after radiation in normal dermal fibroblasts, microvascular endothelial cells, and different head and neck squamous carcinoma cell lines. <i>Clinical Oral Investigations</i> , 2018, 22, 2251-2262.	3.0	12
67	Melanoma Promotion after Photodynamic Therapy of a Suspected Bowen's Disease Lesion. <i>Dermatology</i> , 2009, 219, 279-281.	2.1	11
68	Perfusion quantification of vascular malformations using contrast-enhanced ultrasound (CEUS) with time intensity curve analysis before and after treatment: First results. <i>Clinical Hemorheology and Microcirculation</i> , 2016, 62, 283-290.	1.7	11
69	VEGF expression at wound margins increases time-dependently during physiological healing. <i>Experimental Dermatology</i> , 2017, 26, 124-126.	2.9	11
70	Heat-Inactivation of Human Serum Destroys C1 Inhibitor, Pro-motes Immune Complex Formation, and Improves Human T Cell Function. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2646.	4.1	11
71	Phototoxic reactions in healthy volunteers following photodynamic therapy with methylaminolevulinate cream or with cream containing 5-aminolevulinic acid: a phase II, randomized study. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2009, 25, 270-275.	1.5	10
72	The use of fasciocutaneous and osteofasciocutaneous parascapular flaps for lower limb reconstruction: a retrospective study of 20 patients. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2009, 62, 973-980.	1.0	10

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73	Familial primary localized cutaneous amyloidosis with an oncostatin M receptor- \hat{f}^2 mutation, Pro694Leu. <i>Clinical and Experimental Dermatology</i> , 2013, 38, 932-935.	1.3	10
74	Adipose Tissue in Multiple Symmetric Lipomatosis Shows Features of Brown/Beige Fat. <i>Aesthetic Plastic Surgery</i> , 2020, 44, 855-861.	0.9	10
75	mTOR Inhibitors and Calcineurin Inhibitors Do Not Affect Adhesion Molecule Expression of Human Macro- and Microvascular Endothelial Cells. <i>Journal of Vascular Research</i> , 2008, 45, 333-342.	1.4	9
76	Diet-induced pigmented purpuric dermatosis. <i>Australasian Journal of Dermatology</i> , 2014, 55, e51-3.	0.7	9
77	Skin signs of primary immunodeficiencies: how to find the genes to check. <i>British Journal of Dermatology</i> , 2018, 178, 335-349.	1.5	9
78	Calcyphosine-like (CAPSL) is regulated in Multiple Symmetric Lipomatosis and is involved in Adipogenesis. <i>Scientific Reports</i> , 2019, 9, 8444.	3.3	9
79	Systemic therapy of necrobiotic xanthogranuloma: a systematic review. <i>Orphanet Journal of Rare Diseases</i> , 2022, 17, 132.	2.7	9
80	Autofluorescent Imaging in Patients With Peritoneal Carcinomatosis. <i>Surgical Innovation</i> , 2014, 21, 187-193.	0.9	8
81	Cytocompatibility of Mats Prepared from Different Electrospun Polymer Nanofibers. <i>ACS Applied Bio Materials</i> , 2020, 3, 4912-4921.	4.6	8
82	Nodular Cutaneous Amyloidosis at the Temple. <i>Case Reports in Dermatology</i> , 2016, 8, 193-196.	0.8	7
83	Recurrent necrotizing cellulitis, multi-organ autoimmune disease and humoral immunodeficiency due to a novel NFKB1 frameshift mutation. <i>European Journal of Medical Genetics</i> , 2021, 64, 104144.	1.3	7
84	Expression Profiles of ASIC1/2 and TRPV1/4 in Common Skin Tumors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6024.	4.1	7
85	Nodular Cutaneous Amyloidosis Resembling a Giant Tumor. <i>Case Reports in Dermatology</i> , 2016, 8, 22-25.	0.8	6
86	Patients with unilateral squamous cell carcinoma of the tongue and ipsilateral lymph node metastasis do not profit from bilateral neck dissection. <i>Oral and Maxillofacial Surgery</i> , 2018, 22, 185-192.	1.3	6
87	Physiological concentrations of denosumab enhance osteogenic differentiation in human mesenchymal stem cells of the jaw bone. <i>Archives of Oral Biology</i> , 2019, 101, 23-29.	1.8	6
88	A Novel Antibacterial Silicone Implant Material with Short- and Long-Term Release of Copper Ions. <i>Plastic and Reconstructive Surgery</i> , 2010, 125, 78e-80e.	1.4	5
89	Multisystemic Langerhans cell histiocytosis in an adult. <i>JAAD Case Reports</i> , 2017, 3, 162-164.	0.8	5
90	The activity of nintedanib in an animal model of allogenic left lung transplantation resembling aspects of allograft rejection. <i>Experimental Lung Research</i> , 2017, 43, 259-270.	1.2	5

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91	A 12-Month-Old Boy with Impaired Pigmentation. <i>Pediatric Annals</i> , 2009, 38, 617-621.	0.8	5
92	Validity of a patient-derived system of tissue-specific human endothelial cells: interleukin-6 as a surrogate marker in the coronary system. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H1721-H1728.	3.2	4
93	Impact of a pH 5 Oil-in-Water Emulsion on Skin Surface pH. <i>Skin Pharmacology and Physiology</i> , 2017, 30, 292-297.	2.5	4
94	pH sensing in skin tumors: Methods to study the involvement of GPCRs, acid-sensing ion channels and transient receptor potential vanilloid channels. <i>Experimental Dermatology</i> , 2020, 29, 1055-1061.	2.9	4
95	A New Method to Quantify the Effect After Subcutaneous Injection of Lipolytic Substances. <i>Aesthetic Plastic Surgery</i> , 2008, 32, 667-672.	0.9	3
96	Is targeting interleukin-31 a cure for the itch? Lessons from amyloidosis. <i>British Journal of Dermatology</i> , 2016, 174, 1192-1193.	1.5	3
97	Wheat-dependent exercise-induced anaphylaxis with Tri-a-14-sensitization as part of a lipid transfer protein syndrome. <i>Allergo Journal International</i> , 2020, 29, 9-11.	2.0	3
98	Expression of Proton-Sensitive GPR31, GPR151, TASK1 and TASK3 in Common Skin Tumors. <i>Cells</i> , 2022, 11, 27.	4.1	3
99	Sweet's syndrome masquerading as figurate erythema. <i>International Journal of Dermatology</i> , 2012, 51, 1101-1103.	1.0	2
100	Evidenzbasierte topische Therapie chronischer Wunden nach dem T.I.M.E.-Prinzip. <i>JDDG - Journal of the German Society of Dermatology</i> , 2013, 11, 819-830.	0.8	2
101	Plasmocytoma-Induced Intertriginous Amyloid Purpura. <i>Annals of Dermatology</i> , 2013, 25, 391.	0.9	2
102	Erythrodermia Congenitalis Ichthyosiformis Bullosa of Brocq. <i>Case Reports in Dermatology</i> , 2016, 8, 19-21.	0.8	2
103	A randomized trial of early endovenous ablation in venous ulceration: a critical appraisal. <i>British Journal of Dermatology</i> , 2019, 180, 51-55.	1.5	2
104	Imaging of pH and pO ₂ gives insight in molecular processes of irradiated cells. <i>Experimental Dermatology</i> , 2019, 28, 628-630.	2.9	1
105	Multiple Symmetric Lipomatosis: A Cross-Sectional Study to Investigate Clinical Features and Patients' Quality of Life. <i>Symmetry</i> , 2021, 13, 1823.	2.2	1
106	The autoinflammatory pyoderma/acne (PA) syndromes: just interleukin-1-diseases?. <i>British Journal of Dermatology</i> , 2016, 175, 858-858.	1.5	0
107	Scoring pyoderma gangrenosum. <i>British Journal of Dermatology</i> , 2019, 180, 438-439.	1.5	0
108	Reply to Isabel Longo-Imedio [1]. <i>European Journal of Dermatology</i> , 2012, 22, 431-431.	0.6	0

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109	Invited Response on: Adipose Tissue in Multiple Symmetric Lipomatosis Shows Features of Brown/Beige Fat. <i>Aesthetic Plastic Surgery</i> , 2021, , 1.	0.9	0
110	Hereditary Immunodeficiency Diseases: Skin Signs. , 2022, , 1097-1112.		0