Sabine Werner

List of Publications by Year in Descending Order

118 papers	16,040 citations	50 h-index	126 g-index
139 ext. papers	18,129 ext. citations	9.6 avg, IF	6.75 L-index

#	Paper	IF	Citations
118	Non-invasive longitudinal imaging of VEGF-induced microvascular alterations in skin wounds.. *Theranostics*, **2022**, 12, 558-573	12.1	3
117	p62 Promotes Survival and Hepatocarcinogenesis in Mice with Liver-Specific NEMO Ablation. *Cancers*, **2022**, 14, 2436	6.6	
116	Interaction of the NRF2 and p63 transcription factors promotes keratinocyte proliferation in the epidermis. *Nucleic Acids Research*, **2021**, 49, 3748-3763	20.1	4
115	Long-Term Imaging of Wound Angiogenesis with Large Scale Optoacoustic Microscopy. *Advanced Science*, **2021**, 8, 2004226	13.6	9
114	A Dual-Acting Nitric Oxide Donor and Phosphodiesterase 5 Inhibitor Promotes Wound Healing in Normal Mice and Mice with Diabetes. *Journal of Investigative Dermatology*, **2021**, 141, 415-426	4.3	4
113	Imaging and targeting LOX-mediated tissue remodeling with a reactive collagen peptide. *Nature Chemical Biology*, **2021**, 17, 865-871	11.7	4
112	Fibroblast growth factor receptor 3 in hepatocytes protects from toxin-induced liver injury and fibrosis. *IScience*, **2021**, 24, 103143	6.1	0
111	Acute and chronic effects of a light-activated FGF receptor in keratinocytes in vitro and in mice. *Life Science Alliance*, **2021**, 4,	5.8	2
110	Genetic activation of Nrf2 reduces cutaneous symptoms in a murine model of Netherton syndrome. *DMM Disease Models and Mechanisms*, **2020**, 13,	4.1	5
109	A paracrine activin A-mDia2 axis promotes squamous carcinogenesis via fibroblast reprogramming. *EMBO Molecular Medicine*, **2020**, 12, e11466	12	21
108	Comprehensive characterization of myeloid cells during wound healing in healthy and healing-impaired diabetic mice. *European Journal of Immunology*, **2020**, 50, 1335-1349	6.1	12
107	A Phase 1 Single Dose Escalation Study of Palifermin Administered Pre-Transplant Conditioning in Subjects Undergoing Matched Unrelated Donor Allogeneic Hematopoietic Stem Cell Transplantation. *Blood*, **2020**, 136, 21-21	2.2	
106	Antagonism of interferon signaling by fibroblast growth factors promotes viral replication. *EMBO Molecular Medicine*, **2020**, 12, e11793	12	4
105	Activin-mediated alterations of the fibroblast transcriptome and matrisome control the biomechanical properties of skin wounds. *Nature Communications*, **2020**, 11, 2604	17.4	20
104	Tussilagonone Ameliorates Psoriatic Features in Keratinocytes and Imiquimod-Induced Psoriasis-Like Lesions in Mice via NRF2 Activation. *Journal of Investigative Dermatology*, **2020**, 140, 1223-1232.e4	4.3	13
103	Mouse genetics identifies unique and overlapping functions of fibroblast growth factor receptors in keratinocytes. *Journal of Cellular and Molecular Medicine*, **2020**, 24, 1774-1785	5.6	5
102	Wound Repair, Scar Formation, and Cancer: Converging on Activin. *Trends in Molecular Medicine*, **2020**, 26, 1107-1117	11.5	10

101	The commensal skin microbiota triggers type I IFN-dependent innate repair responses in injured skin. *Nature Immunology*, **2020**, 21, 1034-1045	19.1	38
100	Genotoxic Agents: An Unexpected Effect on Healthy Epithelia. *Developmental Cell*, **2020**, 55, 515-517	10.2	0
99	Exosomes for Wound Healing: Purification Optimization and Identification of Bioactive Components. *Advanced Science*, **2020**, 7, 2002596	13.6	14
98	The NLRP1 Inflammasome Pathway Is Silenced in Cutaneous Squamous Cell Carcinoma. *Journal of Investigative Dermatology*, **2019**, 139, 1788-1797.e6	4.3	8
97	Regulation of Wound Healing by the NRF2 Transcription Factor-More Than Cytoprotection. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	16
96	Tissue Repair: Guarding against Friendly Fire. *Current Biology*, **2019**, 29, R1191-R1193	6.3	0
95	Nrf2-Mediated Expansion of Pilosebaceous Cells Accelerates Cutaneous Wound Healing. *American Journal of Pathology*, **2019**, 189, 568-579	5.8	7
94	Regulatory T cells are required for normal and activin-promoted wound repair in mice. *European Journal of Immunology*, **2018**, 48, 1001-1013	6.1	23
93	Nrf3 promotes UV-induced keratinocyte apoptosis through suppression of cell adhesion. *Cell Death and Differentiation*, **2018**, 25, 1749-1765	12.7	10
92	Expression of inflammasome proteins and inflammasome activation occurs in human, but not in murine keratinocytes. *Cell Death and Disease*, **2018**, 9, 24	9.8	53
91	The mechanical fingerprint of murine excisional wounds. *Acta Biomaterialia*, **2018**, 65, 226-236	10.8	17
90	Nrf2-Mediated Fibroblast Reprogramming Drives Cellular Senescence by Targeting the Matrisome. *Developmental Cell*, **2018**, 46, 145-161.e10	10.2	80
89	Targeting metabolism to treat psoriasis. *Nature Medicine*, **2018**, 24, 537-539	50.5	10
88	Humidity-regulated CLCA2 protects the epidermis from hyperosmotic stress. *Science Translational Medicine*, **2018**, 10,	17.5	12
87	HMGB1 promotes ductular reaction and tumorigenesis in autophagy-deficient livers. *Journal of Clinical Investigation*, **2018**, 128, 2419-2435	15.9	56
86	Opposing effects of Nrf2 and Nrf2-activating compounds on the NLRP3 inflammasome independent of Nrf2-mediated gene expression. *European Journal of Immunology*, **2017**, 47, 806-817	6.1	39
85	Fibroblast Growth Factors in Epithelial Homeostasis and Repair **2017**, 187-209		
84	Activin promotes skin carcinogenesis by attraction and reprogramming of macrophages. *EMBO Molecular Medicine*, **2017**, 9, 27-45	12	17

83	Nrf2 is highly expressed in neutrophils, but myeloid cell-derived Nrf2 is dispensable for wound healing in mice. *PLoS ONE*, **2017**, 12, e0187162	3.7	14
82	Large-Scale Quantitative Proteomics Identifies the Ubiquitin Ligase Nedd4-1 as an Essential Regulator of Liver Regeneration. *Developmental Cell*, **2017**, 42, 616-625.e8	10.2	10
81	Fibroblast growth factors: key players in regeneration and tissue repair. *Development (Cambridge)*, **2017**, 144, 4047-4060	6.6	119
80	Cell-specific Activation of the Nrf2 Antioxidant Pathway Increases Mucosal Inflammation in Acute but Not in Chronic Colitis. *Journal of Crohn's and Colitis*, **2017**, 11, 485-499	1.5	16
79	NF-B/RelA and Nrf2 cooperate to maintain hepatocyte integrity and to prevent development of hepatocellular adenoma. *Journal of Hepatology*, **2016**, 64, 94-102	13.4	23
78	Kdm6b and Pmepa1 as Targets of Bioelectrically and Behaviorally Induced Activin A Signaling. *Molecular Neurobiology*, **2016**, 53, 4210-4225	6.2	12
77	Laminin 5 in the keratinocyte basement membrane is required for epidermal-dermal intercommunication. *Matrix Biology*, **2016**, 56, 24-41	11.4	20
76	Low levels of glutathione are sufficient for survival of keratinocytes after UV irradiation and for healing of mouse skin wounds. *Archives of Dermatological Research*, **2016**, 308, 443-8	3.3	4
75	Cell-specific overactivation of nuclear erythroid 2 p45-related factor 2-mediated gene expression in myeloid cells decreases hepatic ischemia/reperfusion injury. *Liver Transplantation*, **2016**, 22, 1115-28	4.5	9
74	A Glutathione-Nrf2-Thioredoxin Cross-Talk Ensures Keratinocyte Survival and Efficient Wound Repair. *PLoS Genetics*, **2016**, 12, e1005800	6	58
73	Autocrine and Paracrine Regulation of Keratinocyte Proliferation through a Novel Nrf2-IL-36 Pathway. *Journal of Immunology*, **2016**, 196, 4663-70	5.3	11
72	Overactivation of the nuclear factor (erythroid-derived 2)-like 2-antioxidant response element pathway in hepatocytes decreases hepatic ischemia/reperfusion injury in mice. *Liver Transplantation*, **2016**, 22, 91-102	4.5	18
71	Mast cells are dispensable in a genetic mouse model of chronic dermatitis. *American Journal of Pathology*, **2015**, 185, 1575-87	5.8	11
70	Nrf2--A regulator of keratinocyte redox signaling. *Free Radical Biology and Medicine*, **2015**, 88, 243-252	7.8	114
69	Control of hepatocyte proliferation and survival by Fgf receptors is essential for liver regeneration in mice. *Gut*, **2015**, 64, 1444-53	19.2	51
68	NRF2 and microRNAs: new but awaited relations. *Biochemical Society Transactions*, **2015**, 43, 595-601	5.1	36
67	Accumulation and activation of epidermal T cells in a mouse model of chronic dermatitis is not required for the inflammatory phenotype. *European Journal of Immunology*, **2015**, 45, 2517-28	6.1	7
66	A modeling approach to study the effect of cell polarization on keratinocyte migration. *PLoS ONE*, **2015**, 10, e0117676	3.7	5

65	Nrf2 Activation Promotes Keratinocyte Survival during Early Skin Carcinogenesis via Metabolic Alterations. *Cancer Research*, **2015**, 75, 4817-29	10.1	36
64	Transcriptional regulation of wound inflammation. *Seminars in Immunology*, **2014**, 26, 321-8	10.7	27
63	Knockdown and knockout of β1-integrin in hepatocytes impairs liver regeneration through inhibition of growth factor signalling. *Nature Communications*, **2014**, 5, 3862	17.4	51
62	Sulforaphane homologues: Enantiodivergent synthesis of both enantiomers, activation of the Nrf2 transcription factor and selective cytotoxic activity. *European Journal of Medicinal Chemistry*, **2014**, 87, 552-63	6.8	26
61	Activated Nrf2 impairs liver regeneration in mice by activation of genes involved in cell-cycle control and apoptosis. *Hepatology*, **2014**, 60, 670-8	11.2	61
60	Peroxiredoxin 6 in skin carcinogenesis. *Oncoscience*, **2014**, 1, 392-3	0.8	1
59	A novel Nrf2-miR-29-desmocollin-2 axis regulates desmosome function in keratinocytes. *Nature Communications*, **2014**, 5, 5099	17.4	45
58	Activation of Nrf2 in keratinocytes causes chloracne (MADISH)-like skin disease in mice. *EMBO Molecular Medicine*, **2014**, 6, 442-57	12	71
57	Activation of the Nrf2-ARE pathway in hepatocytes protects against steatosis in nutritionally induced non-alcoholic steatohepatitis in mice. *Toxicological Sciences*, **2014**, 142, 361-74	4.4	30
56	Dual role of the antioxidant enzyme peroxiredoxin 6 in skin carcinogenesis. *Cancer Research*, **2013**, 73, 3460-9	10.1	47
55	Mast cells are dispensable for normal and activin-promoted wound healing and skin carcinogenesis. *Journal of Immunology*, **2013**, 191, 6147-55	5.3	62
54	The bright and the dark sides of activin in wound healing and cancer. *Journal of Cell Science*, **2012**, 125, 3929-37	5.3	72
53	FGF receptors 1 and 2 are key regulators of keratinocyte migration in vitro and in wounded skin. *Journal of Cell Science*, **2012**, 125, 5690-701	5.3	70
52	Identification of UV-protective activators of nuclear factor erythroid-derived 2-related factor 2 (Nrf2) by combining a chemical library screen with computer-based virtual screening. *Journal of Biological Chemistry*, **2012**, 287, 33001-13	5.4	23
51	Amniotic fluid activates the nrf2/keap1 pathway to repair an epidermal barrier defect in utero. *Developmental Cell*, **2012**, 23, 1238-46	10.2	46
50	Nrf2 links epidermal barrier function with antioxidant defense. *EMBO Molecular Medicine*, **2012**, 4, 364-79	12	122
49	Psoriasiform dermatitis is driven by IL-36-mediated DC-keratinocyte crosstalk. *Journal of Clinical Investigation*, **2012**, 122, 3965-76	15.9	278
48	Activin enhances skin tumourigenesis and malignant progression by inducing a pro-tumourigenic immune cell response. *Nature Communications*, **2011**, 2, 576	17.4	42

47	A novel enhancer of the wound healing process: the fibroblast growth factor-binding protein. *American Journal of Pathology*, **2011**, 179, 2144-7	5.8	19
46	Fibroblast growth factor receptors 1 and 2 in keratinocytes control the epidermal barrier and cutaneous homeostasis. *Journal of Cell Biology*, **2010**, 188, 935-52	7.3	101
45	Nrf2 establishes a glutathione-mediated gradient of UVB cytoprotection in the epidermis. *Genes and Development*, **2010**, 24, 1045-58	12.6	112
44	FGF receptors 1 and 2 control chemically induced injury and compound detoxification in regenerating livers of mice. *Gastroenterology*, **2010**, 139, 1385-96	13.3	41
43	Regulation of liver regeneration by growth factors and cytokines. *EMBO Molecular Medicine*, **2010**, 2, 294-305	12	166
42	Beta1 integrin-mediated adhesion signalling is essential for epidermal progenitor cell expansion. *PLoS ONE*, **2009**, 4, e5488	3.7	38
41	Activin a promotes the TGF-beta-induced conversion of CD4+CD25- T cells into Foxp3+ induced regulatory T cells. *Journal of Immunology*, **2009**, 182, 4633-40	5.3	85
40	Keratinocyte-derived follistatin regulates epidermal homeostasis and wound repair. *Laboratory Investigation*, **2009**, 89, 131-41	5.9	22
39	Loss of serum response factor in keratinocytes results in hyperproliferative skin disease in mice. *Journal of Clinical Investigation*, **2009**, 119, 899-910	15.9	48
38	The Nrf2 transcription factor protects from toxin-induced liver injury and fibrosis. *Laboratory Investigation*, **2008**, 88, 1068-78	5.9	161
37	Wound repair and regeneration. *Nature*, **2008**, 453, 314-21	50.4	3599
36	Cancer as an overhealing wound: an old hypothesis revisited. *Nature Reviews Molecular Cell Biology*, **2008**, 9, 628-38	48.7	653
35	Impaired liver regeneration in Nrf2 knockout mice: role of ROS-mediated insulin/IGF-1 resistance. *EMBO Journal*, **2008**, 27, 212-23	13	203
34	Oxidative stress in normal and impaired wound repair. *Pharmacological Research*, **2008**, 58, 165-71	10.2	450
33	Active caspase-1 is a regulator of unconventional protein secretion. *Cell*, **2008**, 132, 818-31	56.2	682
32	The cytoprotective Nrf2 transcription factor controls insulin receptor signaling in the regenerating liver. *Cell Cycle*, **2008**, 7, 874-8	4.7	35
31	Stromal-epithelial interactions in skin homeostasis, wound repair and skin cancer. *Experimental Dermatology*, **2008**, 17, 882-883	4	1
30	The role of fibroblast growth factor receptor 2b in skin homeostasis and cancer development. *EMBO Journal*, **2007**, 26, 1268-78	13	102

29	Electrophilic chemicals but not UV irradiation or reactive oxygen species activate Nrf2 in keratinocytes in vitro and in vivo. *Journal of Investigative Dermatology*, **2007**, 127, 646-53	4.3	39
28	Keratinocyte-fibroblast interactions in wound healing. *Journal of Investigative Dermatology*, **2007**, 127, 998-1008	4.3	777
27	The inflammasome mediates UVB-induced activation and secretion of interleukin-1beta by keratinocytes. *Current Biology*, **2007**, 17, 1140-5	6.3	417
26	c-Met is essential for wound healing in the skin. *Journal of Cell Biology*, **2007**, 177, 151-62	7.3	243
25	Transcriptional control of wound repair. *Annual Review of Cell and Developmental Biology*, **2007**, 23, 69-92	22.6	133
24	Nrf transcription factors in keratinocytes are essential for skin tumor prevention but not for wound healing. *Molecular and Cellular Biology*, **2006**, 26, 3773-84	4.8	105
23	Peroxiredoxin 6 is a potent cytoprotective enzyme in the epidermis. *American Journal of Pathology*, **2006**, 169, 1194-205	5.8	89
22	Roles of activin in tissue repair, fibrosis, and inflammatory disease. *Cytokine and Growth Factor Reviews*, **2006**, 17, 157-71	17.9	173
21	Activin controls skin morphogenesis and wound repair predominantly via stromal cells and in a concentration-dependent manner via keratinocytes. *American Journal of Pathology*, **2005**, 167, 733-47	5.8	67
20	Molecular and cellular mechanisms of tissue repair. *Experimental Dermatology*, **2005**, 14, 786-7	4	2
19	Langerhans cells are strongly reduced in the skin of transgenic mice overexpressing follistatin in the epidermis. *European Journal of Cell Biology*, **2005**, 84, 733-41	6.1	22
18	Activating mutations of the tyrosine kinase receptor FGFR3 are associated with benign skin tumors in mice and humans. *Human Molecular Genetics*, **2005**, 14, 1153-60	5.6	151
17	Down-regulation of connective tissue growth factor and type I collagen mRNA expression by connective tissue growth factor antisense oligonucleotide during experimental liver fibrosis. *Wound Repair and Regeneration*, **2004**, 12, 60-6	3.6	47
16	Identification of novel AP-1 target genes in fibroblasts regulated during cutaneous wound healing. *Oncogene*, **2004**, 23, 7005-17	9.2	50
15	Activated hepatic stellate cells express keratinocyte growth factor in chronic liver disease. *American Journal of Pathology*, **2004**, 165, 1233-41	5.8	62
14	Wound healing studies in transgenic and knockout mice. A review. *Methods in Molecular Medicine*, **2003**, 78, 191-216		19
13	Regulation of wound healing by growth factors and cytokines. *Physiological Reviews*, **2003**, 83, 835-70	47.9	2436
12	Fibroblast growth factor receptor signalling is crucial for liver homeostasis and regeneration. *Oncogene*, **2003**, 22, 4380-8	9.2	70

11	A role for endogenous glucocorticoids in wound repair. *EMBO Reports*, **2002**, 3, 575-82	6.5	54
10	Nrf2 transcription factor, a novel target of keratinocyte growth factor action which regulates gene expression and inflammation in the healing skin wound. *Molecular and Cellular Biology*, **2002**, 22, 5492-505	4.8	314
9	Fibroblast growth factors and neuroprotection. *Advances in Experimental Medicine and Biology*, **2002**, 513, 335-51	3.6	91
8	Glucocorticoid-regulated gene expression during cutaneous wound repair. *Vitamins and Hormones*, **2000**, 59, 217-39	2.5	76
7	Different types of ROS-scavenging enzymes are expressed during cutaneous wound repair. *Experimental Cell Research*, **1999**, 247, 484-94	4.2	117
6	Mouse fibroblast growth factor 10: cDNA cloning, protein characterization, and regulation of mRNA expression. *Oncogene*, **1997**, 15, 2211-8	9.2	111
5	Serum growth factors and proinflammatory cytokines are potent inducers of activin expression in cultured fibroblasts and keratinocytes. *Experimental Cell Research*, **1996**, 228, 106-13	4.2	62
4	Differential regulation of pro-inflammatory cytokines during wound healing in normal and glucocorticoid-treated mice. *Cytokine*, **1996**, 8, 548-56	4	391
3	Strong induction of activin expression after injury suggests an important role of activin in wound repair. *Developmental Biology*, **1996**, 173, 490-8	3.1	163
2	Regulation of vascular endothelial growth factor expression in cultured keratinocytes. Implications for normal and impaired wound healing. *Journal of Biological Chemistry*, **1995**, 270, 12607-13	5.4	519
1	The function of KGF in morphogenesis of epithelium and reepithelialization of wounds. *Science*, **1994**, 266, 819-22	33.3	526