

Sabine Werner

List of Publications by Year in descending order

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124
papers

20,008
citations

31949

53
h-index

18115

120
g-index

139
all docs

139
docs citations

139
times ranked

26121
citing authors

#	ARTICLE	IF	CITATIONS
1	Wound repair and regeneration. <i>Nature</i> , 2008, 453, 314-321.	13.7	4,690
2	Regulation of Wound Healing by Growth Factors and Cytokines. <i>Physiological Reviews</i> , 2003, 83, 835-870.	13.1	2,922
3	Keratinocyte-Fibroblast Interactions in Wound Healing. <i>Journal of Investigative Dermatology</i> , 2007, 127, 998-1008.	0.3	995
4	Cancer as an overhealing wound: an old hypothesis revisited. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 628-638.	16.1	779
5	Active Caspase-1 Is a Regulator of Unconventional Protein Secretion. <i>Cell</i> , 2008, 132, 818-831.	13.5	761
6	Oxidative stress in normal and impaired wound repair. <i>Pharmacological Research</i> , 2008, 58, 165-171.	3.1	628
7	Regulation of Vascular Endothelial Growth Factor Expression in Cultured Keratinocytes. <i>Journal of Biological Chemistry</i> , 1995, 270, 12607-12613.	1.6	627
8	The function of KGF in morphogenesis of epithelium and reepithelialization of wounds. <i>Science</i> , 1994, 266, 819-822.	6.0	578
9	The Inflammasome Mediates UVB-Induced Activation and Secretion of Interleukin-1 β by Keratinocytes. <i>Current Biology</i> , 2007, 17, 1140-1145.	1.8	473
10	DIFFERENTIAL REGULATION OF PRO-INFLAMMATORY CYTOKINES DURING WOUND HEALING IN NORMAL AND GLUCOCORTICOID-TREATED MICE. <i>Cytokine</i> , 1996, 8, 548-556.	1.4	443
11	Nrf2 Transcription Factor, a Novel Target of Keratinocyte Growth Factor Action Which Regulates Gene Expression and Inflammation in the Healing Skin Wound. <i>Molecular and Cellular Biology</i> , 2002, 22, 5492-5505.	1.1	359
12	Psoriasisiform dermatitis is driven by IL-36-mediated DC-keratinocyte crosstalk. <i>Journal of Clinical Investigation</i> , 2012, 122, 3965-3976.	3.9	352
13	c-Met is essential for wound healing in the skin. <i>Journal of Cell Biology</i> , 2007, 177, 151-162.	2.3	275
14	Impaired liver regeneration in Nrf2 knockout mice: role of ROS-mediated insulin/IGF-1 resistance. <i>EMBO Journal</i> , 2008, 27, 212-223.	3.5	235
15	Regulation of liver regeneration by growth factors and cytokines. <i>EMBO Molecular Medicine</i> , 2010, 2, 294-305.	3.3	213
16	Roles of activin in tissue repair, fibrosis, and inflammatory disease. <i>Cytokine and Growth Factor Reviews</i> , 2006, 17, 157-171.	3.2	197
17	The Nrf2 transcription factor protects from toxin-induced liver injury and fibrosis. <i>Laboratory Investigation</i> , 2008, 88, 1068-1078.	1.7	176
18	Activating mutations of the tyrosine kinase receptor FGFR3 are associated with benign skin tumors in mice and humans. <i>Human Molecular Genetics</i> , 2005, 14, 1153-1160.	1.4	175

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19	Fibroblast growth factors: key players in regeneration and tissue repair. <i>Development (Cambridge)</i> , 2017, 144, 4047-4060.	1.2	174
20	Strong Induction of Activin Expression after Injury Suggests an Important Role of Activin in Wound Repair. <i>Developmental Biology</i> , 1996, 173, 490-498.	0.9	173
21	Transcriptional Control of Wound Repair. <i>Annual Review of Cell and Developmental Biology</i> , 2007, 23, 69-92.	4.0	159
22	Nrf2 links epidermal barrier function with antioxidant defense. <i>EMBO Molecular Medicine</i> , 2012, 4, 364-379.	3.3	153
23	Different Types of ROS-Scavenging Enzymes Are Expressed during Cutaneous Wound Repair. <i>Experimental Cell Research</i> , 1999, 247, 484-494.	1.2	151
24	Nrf2 is a regulator of keratinocyte redox signaling. <i>Free Radical Biology and Medicine</i> , 2015, 88, 243-252.	1.3	143
25	Nrf2 establishes a glutathione-mediated gradient of UVB cytoprotection in the epidermis. <i>Genes and Development</i> , 2010, 24, 1045-1058.	2.7	142
26	Nrf2-Mediated Fibroblast Reprogramming Drives Cellular Senescence by Targeting the Matrisome. <i>Developmental Cell</i> , 2018, 46, 145-161.e10.	3.1	126
27	Mouse fibroblast growth factor 10: cDNA cloning, protein characterization, and regulation of mRNA expression. <i>Oncogene</i> , 1997, 15, 2211-2218.	2.6	120
28	Nrf Transcription Factors in Keratinocytes Are Essential for Skin Tumor Prevention but Not for Wound Healing. <i>Molecular and Cellular Biology</i> , 2006, 26, 3773-3784.	1.1	119
29	The role of fibroblast growth factor receptor 2b in skin homeostasis and cancer development. <i>EMBO Journal</i> , 2007, 26, 1268-1278.	3.5	118
30	Fibroblast growth factor receptors 1 and 2 in keratinocytes control the epidermal barrier and cutaneous homeostasis. <i>Journal of Cell Biology</i> , 2010, 188, 935-952.	2.3	116
31	Activin A Promotes the TGF- β -Induced Conversion of CD4 ⁺ CD25 ^{hi} T Cells into Foxp3 ⁺ Induced Regulatory T Cells. <i>Journal of Immunology</i> , 2009, 182, 4633-4640.	0.4	111
32	Peroxiredoxin 6 Is a Potent Cytoprotective Enzyme in the Epidermis. <i>American Journal of Pathology</i> , 2006, 169, 1194-1205.	1.9	103
33	Fibroblast Growth Factors and Neuroprotection. <i>Advances in Experimental Medicine and Biology</i> , 2003, 513, 335-351.	0.8	99
34	FGF receptors 1 and 2 are key regulators of keratinocyte migration <i>in vitro</i> and in wounded skin. <i>Journal of Cell Science</i> , 2012, 125, 5690-5701.	1.2	96
35	Glucocorticoid-regulated gene expression during cutaneous wound repair. <i>Vitamins and Hormones</i> , 2000, 59, 217-239.	0.7	90
36	The bright and the dark sides of activin in wound healing and cancer. <i>Journal of Cell Science</i> , 2012, 125, 3929-37.	1.2	90

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37	The commensal skin microbiota triggers type I IFN α -dependent innate repair responses in injured skin. <i>Nature Immunology</i> , 2020, 21, 1034-1045.	7.0	90
38	Fibroblast growth factor receptor signalling is crucial for liver homeostasis and regeneration. <i>Oncogene</i> , 2003, 22, 4380-4388.	2.6	87
39	Expression of inflammasome proteins and inflammasome activation occurs in human, but not in murine keratinocytes. <i>Cell Death and Disease</i> , 2018, 9, 24.	2.7	87
40	HMGB1 promotes ductular reaction and tumorigenesis in autophagy-deficient livers. <i>Journal of Clinical Investigation</i> , 2018, 128, 2419-2435.	3.9	85
41	Activation of Nrf2 in keratinocytes causes chloracne (MADISH)-like skin disease in mice. <i>EMBO Molecular Medicine</i> , 2014, 6, 442-457.	3.3	81
42	A Glutathione-Nrf2-Thioredoxin Cross-Talk Ensures Keratinocyte Survival and Efficient Wound Repair. <i>PLoS Genetics</i> , 2016, 12, e1005800.	1.5	80
43	Activated Nrf2 impairs liver regeneration in mice by activation of genes involved in cell-cycle control and apoptosis. <i>Hepatology</i> , 2014, 60, 670-678.	3.6	75
44	Activin Controls Skin Morphogenesis and Wound Repair Predominantly via Stromal Cells and in a Concentration-Dependent Manner via Keratinocytes. <i>American Journal of Pathology</i> , 2005, 167, 733-747.	1.9	74
45	Control of hepatocyte proliferation and survival by Fgf receptors is essential for liver regeneration in mice. <i>Gut</i> , 2015, 64, 1444-1453.	6.1	74
46	Mast Cells Are Dispensable for Normal and Activin-Promoted Wound Healing and Skin Carcinogenesis. <i>Journal of Immunology</i> , 2013, 191, 6147-6155.	0.4	73
47	Knockdown and knockout of β 1-integrin in hepatocytes impairs liver regeneration through inhibition of growth factor signalling. <i>Nature Communications</i> , 2014, 5, 3862.	5.8	71
48	Activated Hepatic Stellate Cells Express Keratinocyte Growth Factor in Chronic Liver Disease. <i>American Journal of Pathology</i> , 2004, 165, 1233-1241.	1.9	68
49	Serum Growth Factors and Proinflammatory Cytokines Are Potent Inducers of Activin Expression in Cultured Fibroblasts and Keratinocytes. <i>Experimental Cell Research</i> , 1996, 228, 106-113.	1.2	67
50	A novel Nrf2-miR-29-desmocollin-2 axis regulates desmosome function in keratinocytes. <i>Nature Communications</i> , 2014, 5, 5099.	5.8	58
51	A role for endogenous glucocorticoids in wound repair. <i>EMBO Reports</i> , 2002, 3, 575-582.	2.0	57
52	Identification of novel AP-1 target genes in fibroblasts regulated during cutaneous wound healing. <i>Oncogene</i> , 2004, 23, 7005-7017.	2.6	56
53	Dual Role of the Antioxidant Enzyme Peroxiredoxin 6 in Skin Carcinogenesis. <i>Cancer Research</i> , 2013, 73, 3460-3469.	0.4	56
54	Amniotic Fluid Activates the Nrf2/Keap1 Pathway to Repair an Epidermal Barrier Defect In Utero. <i>Developmental Cell</i> , 2012, 23, 1238-1246.	3.1	53

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55	Loss of serum response factor in keratinocytes results in hyperproliferative skin disease in mice. <i>Journal of Clinical Investigation</i> , 2009, 119, 899-910.	3.9	53
56	The chemokine receptor CCR1 is strongly up-regulated after skin injury but dispensable for wound healing. <i>Wound Repair and Regeneration</i> , 2004, 12, 193-204.	1.5	52
57	Activin enhances skin tumourigenesis and malignant progression by inducing a pro-tumourigenic immune cell response. <i>Nature Communications</i> , 2011, 2, 576.	5.8	52
58	Exosomes for Wound Healing: Purification Optimization and Identification of Bioactive Components. <i>Advanced Science</i> , 2020, 7, 2002596.	5.6	52
59	Opposing effects of Nrf2 and Nrf2-activating compounds on the NLRP3 inflammasome independent of Nrf2-mediated gene expression. <i>European Journal of Immunology</i> , 2017, 47, 806-817.	1.6	50
60	Activin-mediated alterations of the fibroblast transcriptome and matrisome control the biomechanical properties of skin wounds. <i>Nature Communications</i> , 2020, 11, 2604.	5.8	48
61	FGF Receptors 1 and 2 Control Chemically Induced Injury and Compound Detoxification in Regenerating Livers of Mice. <i>Gastroenterology</i> , 2010, 139, 1385-1396.e8.	0.6	47
62	Electrophilic Chemicals but not UV Irradiation or Reactive Oxygen Species Activate Nrf2 in Keratinocytes In Vitro and In Vivo. <i>Journal of Investigative Dermatology</i> , 2007, 127, 646-653.	0.3	45
63	β 1 Integrin-Mediated Adhesion Signalling Is Essential for Epidermal Progenitor Cell Expansion. <i>PLoS ONE</i> , 2009, 4, e5488.	1.1	44
64	The cytoprotective Nrf2 transcription factor controls insulin receptor signaling in the regenerating liver. <i>Cell Cycle</i> , 2008, 7, 874-878.	1.3	42
65	NRF2 and microRNAs: new but awaited relations. <i>Biochemical Society Transactions</i> , 2015, 43, 595-601.	1.6	42
66	Regulation of Wound Healing by the NRF2 Transcription Factor—More Than Cytoprotection. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3856.	1.8	42
67	Nrf2 Activation Promotes Keratinocyte Survival during Early Skin Carcinogenesis via Metabolic Alterations. <i>Cancer Research</i> , 2015, 75, 4817-4829.	0.4	40
68	A paracrine activin α 2 axis promotes squamous carcinogenesis via fibroblast reprogramming. <i>EMBO Molecular Medicine</i> , 2020, 12, e11466.	3.3	40
69	Activation of the Nrf2-ARE Pathway in Hepatocytes Protects Against Steatosis in Nutritionally Induced Non-alcoholic Steatohepatitis in Mice. <i>Toxicological Sciences</i> , 2014, 142, 361-374.	1.4	36
70	Nrf2: A central regulator of UV protection in the epidermis. <i>Cell Cycle</i> , 2010, 9, 2917-2918.	1.3	35
71	NF- κ B/RelA and Nrf2 cooperate to maintain hepatocyte integrity and to prevent development of hepatocellular adenoma. <i>Journal of Hepatology</i> , 2016, 64, 94-102.	1.8	34
72	Comprehensive characterization of myeloid cells during wound healing in healthy and healing-impaired diabetic mice. <i>European Journal of Immunology</i> , 2020, 50, 1335-1349.	1.6	34

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73	Transcriptional regulation of wound inflammation. <i>Seminars in Immunology</i> , 2014, 26, 321-328.	2.7	32
74	Laminin β 5 in the keratinocyte basement membrane is required for epidermal-dermal intercommunication. <i>Matrix Biology</i> , 2016, 56, 24-41.	1.5	32
75	Wound Repair, Scar Formation, and Cancer: Converging on Activin. <i>Trends in Molecular Medicine</i> , 2020, 26, 1107-1117.	3.5	32
76	Keratinocyte-derived follistatin regulates epidermal homeostasis and wound repair. <i>Laboratory Investigation</i> , 2009, 89, 131-141.	1.7	30
77	Sulforaphane homologues: Enantiodivergent synthesis of both enantiomers, activation of the Nrf2 transcription factor and selective cytotoxic activity. <i>European Journal of Medicinal Chemistry</i> , 2014, 87, 552-563.	2.6	30
78	Activin promotes skin carcinogenesis by attraction and reprogramming of macrophages. <i>EMBO Molecular Medicine</i> , 2017, 9, 27-45.	3.3	30
79	Regulatory T cells are required for normal and activin-promoted wound repair in mice. <i>European Journal of Immunology</i> , 2018, 48, 1001-1013.	1.6	30
80	Long-Term Imaging of Wound Angiogenesis with Large Scale Optoacoustic Microscopy. <i>Advanced Science</i> , 2021, 8, 2004226.	5.6	30
81	Imaging and targeting LOX-mediated tissue remodeling with a reactive collagen peptide. <i>Nature Chemical Biology</i> , 2021, 17, 865-871.	3.9	29
82	A Novel Enhancer of the Wound Healing Process. <i>American Journal of Pathology</i> , 2011, 179, 2144-2147.	1.9	26
83	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. <i>Journal of Biological Chemistry</i> , 2012, 287, 33001-33013.	1.6	25
84	The mechanical fingerprint of murine excisional wounds. <i>Acta Biomaterialia</i> , 2018, 65, 226-236.	4.1	25
85	Tussilagonone Ameliorates Psoriatic Features in Keratinocytes and Imiquimod-Induced Psoriasis-Like Lesions in Mice via NRF2 Activation. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1223-1232.e4.	0.3	25
86	Wound Healing Studies in Transgenic and Knockout Mice: A Review. , 2003, 78, 191-216.		23
87	Langerhans cells are strongly reduced in the skin of transgenic mice overexpressing follistatin in the epidermis. <i>European Journal of Cell Biology</i> , 2005, 84, 733-741.	1.6	23
88	Cell-specific Activation of the Nrf2 Antioxidant Pathway Increases Mucosal Inflammation in Acute but Not in Chronic Colitis. <i>Journal of Crohn's and Colitis</i> , 2016, 11, jcw172.	0.6	22
89	Humidity-regulated CLCA2 protects the epidermis from hyperosmotic stress. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	22
90	Overactivation of the nuclear factor (erythroid-derived 2)-like 2 antioxidant response element pathway in hepatocytes decreases hepatic ischemia/reperfusion injury in mice. <i>Liver Transplantation</i> , 2016, 22, 91-102.	1.3	21

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91	Kdm6b and Pmepa1 as Targets of Bioelectrically and Behaviorally Induced Activin A Signaling. <i>Molecular Neurobiology</i> , 2016, 53, 4210-4225.	1.9	21
92	Nrf3 promotes UV-induced keratinocyte apoptosis through suppression of cell adhesion. <i>Cell Death and Differentiation</i> , 2018, 25, 1749-1765.	5.0	21
93	Large-Scale Quantitative Proteomics Identifies the Ubiquitin Ligase Nedd4-1 as an Essential Regulator of Liver Regeneration. <i>Developmental Cell</i> , 2017, 42, 616-625.e8.	3.1	20
94	Nrf2 is highly expressed in neutrophils, but myeloid cell-derived Nrf2 is dispensable for wound healing in mice. <i>PLoS ONE</i> , 2017, 12, e0187162.	1.1	19
95	The NLRP1 Inflammasome Pathway Is Silenced in Cutaneous Squamous Cell Carcinoma. <i>Journal of Investigative Dermatology</i> , 2019, 139, 1788-1797.e6.	0.3	16
96	Interaction of the NRF2 and p63 transcription factors promotes keratinocyte proliferation in the epidermis. <i>Nucleic Acids Research</i> , 2021, 49, 3748-3763.	6.5	15
97	Non-invasive longitudinal imaging of VEGF-induced microvascular alterations in skin wounds. <i>Theranostics</i> , 2022, 12, 558-573.	4.6	15
98	Autocrine and Paracrine Regulation of Keratinocyte Proliferation through a Novel Nrf2-IL-36 β Pathway. <i>Journal of Immunology</i> , 2016, 196, 4663-4670.	0.4	14
99	Nrf2-Mediated Expansion of Pilosebaceous Cells Accelerates Cutaneous Wound Healing. <i>American Journal of Pathology</i> , 2019, 189, 568-579.	1.9	14
100	A Dual-Acting Nitric Oxide Donor and Phosphodiesterase 5 Inhibitor Promotes Wound Healing in Normal Mice and Mice with Diabetes. <i>Journal of Investigative Dermatology</i> , 2021, 141, 415-426.	0.3	13
101	Antagonism of interferon signaling by fibroblast growth factors promotes viral replication. <i>EMBO Molecular Medicine</i> , 2020, 12, e11793.	3.3	13
102	Cell-specific overactivation of nuclear erythroid 2 p45-related factor 2-mediated gene expression in myeloid cells decreases hepatic ischemia/reperfusion injury. <i>Liver Transplantation</i> , 2016, 22, 1115-1128.	1.3	12
103	Mast Cells Are Dispensable in a Genetic Mouse Model of Chronic Dermatitis. <i>American Journal of Pathology</i> , 2015, 185, 1575-1587.	1.9	11
104	Targeting metabolism to treat psoriasis. <i>Nature Medicine</i> , 2018, 24, 537-539.	15.2	11
105	Accumulation and activation of epidermal $\gamma\delta$ T cells in a mouse model of chronic dermatitis is not required for the inflammatory phenotype. <i>European Journal of Immunology</i> , 2015, 45, 2517-2528.	1.6	9
106	Low levels of glutathione are sufficient for survival of keratinocytes after UV irradiation and for healing of mouse skin wounds. <i>Archives of Dermatological Research</i> , 2016, 308, 443-448.	1.1	7
107	Mouse genetics identifies unique and overlapping functions of fibroblast growth factor receptors in keratinocytes. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 1774-1785.	1.6	6
108	Genetic activation of Nrf2 reduces cutaneous symptoms in a murine model of Netherton syndrome. <i>DMM Disease Models and Mechanisms</i> , 2020, 13, .	1.2	6

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109	A Modeling Approach to Study the Effect of Cell Polarization on Keratinocyte Migration. PLoS ONE, 2015, 10, e0117676.	1.1	5
110	Fibroblast growth factor receptor 3 in hepatocytes protects from toxin-induced liver injury and fibrosis. IScience, 2021, 24, 103143.	1.9	5
111	Acute and chronic effects of a light-activated FGF receptor in keratinocytes in vitro and in mice. Life Science Alliance, 2021, 4, e202101100.	1.3	5
112	NEDD4-1 Is a Key Regulator of Epidermal Homeostasis and Wound Repair. Journal of Investigative Dermatology, 2022, 142, 1703-1713.e11.	0.3	5
113	CAR takes care of the injured liver. Journal of Hepatology, 2016, 65, 11-13.	1.8	3
114	Molecular and cellular mechanisms of tissue repair. Experimental Dermatology, 2005, 14, 786-787.	1.4	2
115	Peroxiredoxin 6 in skin carcinogenesis. Oncoscience, 2014, 1, 392-393.	0.9	2
116	Genotoxic Agents: An Unexpected Effect on Healthy Epithelia. Developmental Cell, 2020, 55, 515-517.	3.1	2
117	Vertebrate lonesome kinase modulates the hepatocyte secretome to prevent perivascular liver fibrosis and inflammation. Journal of Cell Science, 2022, , .	1.2	2
118	FGFR3 overactivation in the brain is responsible for memory impairments in Crouzon syndrome mouse model.. Journal of Experimental Medicine, 2022, 219, .	4.2	2
119	Stromal-epithelial interactions in skin homeostasis, wound repair and skin cancer. Experimental Dermatology, 2008, 17, 882-883.	1.4	1
120	Micro <sc>RNA</sc> therapy for infected wounds. EMBO Molecular Medicine, 2018, 10, .	3.3	1
121	Tissue Repair: Guarding against Friendly Fire. Current Biology, 2019, 29, R1191-R1193.	1.8	1
122	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.	0.6	1
123	Fibroblast Growth Factors in Epithelial Homeostasis and Repair. , 2017, , 187-209.		0
124	p62 Promotes Survival and Hepatocarcinogenesis in Mice with Liver-Specific NEMO Ablation. Cancers, 2022, 14, 2436.	1.7	0