Sabine A Eming

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Wound repair and regeneration: Mechanisms, signaling, and translation. Science Translational Medicine, 2014, 6, 265sr6.	12.4	2,114
2	Inflammation in Wound Repair: Molecular and Cellular Mechanisms. Journal of Investigative Dermatology, 2007, 127, 514-525.	0.7	1,718
3	Differential Roles of Macrophages in Diverse Phases of Skin Repair. Journal of Immunology, 2010, 184, 3964-3977.	0.8	944
4	Inflammation and metabolism in tissue repair and regeneration. Science, 2017, 356, 1026-1030.	12.6	808
5	Regulation of angiogenesis: Wound healing as a model. Progress in Histochemistry and Cytochemistry, 2007, 42, 115-170.	5.1	290
6	Interrelation of immunity and tissue repair or regeneration. Seminars in Cell and Developmental Biology, 2009, 20, 517-527.	5.0	263
7	Interleukin-4 Receptor α Signaling in Myeloid Cells Controls Collagen Fibril Assembly in Skin Repair. Immunity, 2015, 43, 803-816.	14.3	250
8	Differential Proteomic Analysis Distinguishes Tissue Repair Biomarker Signatures in Wound Exudates Obtained from Normal Healing and Chronic Wounds. Journal of Proteome Research, 2010, 9, 4758-4766.	3.7	203
9	Adult Zebrafish as a Model System for Cutaneous Wound-Healing Research. Journal of Investigative Dermatology, 2013, 133, 1655-1665.	0.7	200
10	Myeloid-Cell-Derived VEGF Maintains Brain Glucose Uptake and Limits Cognitive Impairment in Obesity. Cell, 2016, 165, 882-895.	28.9	167
11	Accelerated Wound Closure in Mice Deficient for Interleukin-10. American Journal of Pathology, 2007, 170, 188-202.	3.8	158
12	Light-inducible antimiR-92a as a therapeutic strategy to promote skin repair in healing-impaired diabetic mice. Nature Communications, 2017, 8, 15162.	12.8	106
13	Metabolic orchestration of the wound healing response. Cell Metabolism, 2021, 33, 1726-1743.	16.2	101
14	Molecular Mechanisms of VEGF-A Action during Tissue Repair. Journal of Investigative Dermatology Symposium Proceedings, 2006, 11, 79-86.	0.8	100
15	Heparin desulfation modulates VEGF release and angiogenesis in diabetic wounds. Journal of Controlled Release, 2015, 220, 79-88.	9.9	100
16	Mitochondrial metabolism coordinates stage-specific repair processes in macrophages during wound healing. Cell Metabolism, 2021, 33, 2398-2414.e9.	16.2	89
17	The inhibition of matrix metalloproteinase activity in chronic wounds by a polyacrylate superabsorber. Biomaterials, 2008, 29, 2932-2940.	11.4	72
18	mTORC1 and mTORC2 regulate skin morphogenesis and epidermal barrier formation. Nature Communications, 2016, 7, 13226.	12.8	72

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19	Genetic Ablation of Mast Cells Redefines the Role of Mast Cells in Skin Wound Healing and Bleomycin-Induced Fibrosis. Journal of Investigative Dermatology, 2014, 134, 2005-2015.	0.7	66
20	Tight Junction Proteins Claudin-1 and Occludin Are Important for Cutaneous Wound Healing. American Journal of Pathology, 2017, 187, 1301-1312.	3.8	65
21	Clutamine Metabolism Controls Stem Cell Fate Reversibility and Long-Term Maintenance in the Hair Follicle. Cell Metabolism, 2020, 32, 629-642.e8.	16.2	60
22	Treatment of Chronic Wounds: State of the Art and Future Concepts. Cells Tissues Organs, 2002, 172, 105-117.	2.3	59
23	A common framework of monocyte-derived macrophage activation. Science Immunology, 2022, 7, eabl7482.	11.9	58
24	IL-10 Indirectly Regulates Corneal Lymphangiogenesis and Resolution of Inflammation via Macrophages. American Journal of Pathology, 2016, 186, 159-171.	3.8	56
25	Extracellular matrix in angiogenesis: dynamic structures with translational potential. Experimental Dermatology, 2011, 20, 605-613.	2.9	55
26	Insulin and TOR signal in parallel through FOXO and S6K to promote epithelial wound healing. Nature Communications, 2016, 7, 12972.	12.8	52
27	Cellular networks in wound healing. Science, 2018, 362, 891-892.	12.6	44
28	Gene transfer in tissue repair: status, challenges and future directions. Expert Opinion on Biological Therapy, 2004, 4, 1373-1386.	3.1	43
29	Tropism-modified AAV Vectors Overcome Barriers to Successful Cutaneous Therapy. Molecular Therapy, 2014, 22, 929-939.	8.2	41
30	Pivotal Role for α1-Antichymotrypsin in Skin Repair. Journal of Biological Chemistry, 2011, 286, 28889-28901.	3.4	39
31	Col6a1 Null Mice as a Model to Study Skin Phenotypes in Patients with Collagen VI Related Myopathies: Expression of Classical and Novel Collagen VI Variants during Wound Healing. PLoS ONE, 2014, 9, e105686.	2.5	37
32	Transient Ingrowth of Lymphatic Vessels into the Physiologically Avascular Cornea Regulates Corneal Edema and Transparency. Scientific Reports, 2017, 7, 7227.	3.3	32
33	Role of collagen XII in skin homeostasis and repair. Matrix Biology, 2020, 94, 57-76.	3.6	30
34	Long-term in vivo imaging of Drosophila larvae. Nature Protocols, 2020, 15, 1158-1187.	12.0	28
35	Regulation of the Wound Healing Response during Aging. Journal of Investigative Dermatology, 2021, 141, 1063-1070.	0.7	27
36	Macrophage-Mediated Tissue Vascularization: Similarities and Differences Between Cornea and Skin. Frontiers in Immunology, 2021, 12, 667830.	4.8	26

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37	Epidermal mammalian target of rapamycin complex 2 controls lipid synthesis and filaggrin processing in epidermal barrier formation. Journal of Allergy and Clinical Immunology, 2020, 145, 283-300.e8.	2.9	24
38	Hemicentin-1 is an essential extracellular matrix component of the dermal–epidermal and myotendinous junctions. Scientific Reports, 2021, 11, 17926.	3.3	24
39	Diabetes Impedes the Epigenetic Switch of Macrophages into Repair Mode. Immunity, 2019, 51, 199-201.	14.3	22
40	CAP2 is a regulator of the actin cytoskeleton and its absence changes infiltration of inflammatory cells and contraction of wounds. European Journal of Cell Biology, 2015, 94, 32-45.	3.6	21
41	Myeloid Cell–Restricted Insulin/IGF-1 Receptor Deficiency Protects against Skin Inflammation. Journal of Immunology, 2015, 195, 5296-5308.	0.8	20
42	Although Abundant in Tumor Tissue, Mast Cells Have No Effect on Immunological Micro-milieu or Growth of HPV-Induced or Transplanted Tumors. Cell Reports, 2018, 22, 27-35.	6.4	17
43	Bug or no bug: challenges in diagnosing cutaneous mycobacterial infections. JDDG - Journal of the German Society of Dermatology, 2016, 14, 1227-1235.	0.8	16
44	Myeloid Cell–Restricted STAT3 Signaling Controls a Cell-Autonomous Antifibrotic Repair Program. Journal of Immunology, 2018, 201, 663-674.	0.8	16
45	Updates in wound healing: Mechanisms and translation. Experimental Dermatology, 2017, 26, 97-98.	2.9	14
46	Increased Expression of VEGF in Glomeruloid Reactive Angioendotheliomatosis. Dermatology, 2003, 207, 398-401.	2.1	12
47	Randomized standard-of-care-controlled trial of a silica gel fibre matrix in the treatment of chronic venous leg ulcers. European Journal of Dermatology, 2014, 24, 210-216.	0.6	11
48	Distinct Functions of Epidermal and Myeloid-Derived VEGF-A in Skin Tumorigenesis Mediated by HPV8. Cancer Research, 2015, 75, 330-343.	0.9	11
49	Myeloid cells contribute indirectly to VEGF expression upon hypoxia via activation of Müller cells. Experimental Eye Research, 2018, 166, 56-69.	2.6	11
50	Angiogenin Released from ABCB5+ Stromal Precursors Improves Healing of Diabetic Wounds by Promoting Angiogenesis. Journal of Investigative Dermatology, 2022, 142, 1725-1736.e10.	0.7	11
51	Gene-selective transcription promotes the inhibition of tissue reparative macrophages by TNF. Life Science Alliance, 2022, 5, e202101315.	2.8	10
52	Evolution of immune pathways in regeneration and repair: Recent concepts and translational perspectives. Seminars in Immunology, 2014, 26, 275-276.	5.6	9
53	Tissue fibrosis: a pathomechanistically unresolved challenge and <i>scary</i> clinical problem. Experimental Dermatology, 2017, 26, 135-136.	2.9	7

54 Introduction to Wound Healing and Tissue Repair. , 2019, , 39-41.

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55	Isolation of macrophages from mouse skin wounds for single-cell RNA sequencing. STAR Protocols, 2022, 3, 101337.	1.2	1
56	Dataset on the activation of Müller cells through macrophages upon hypoxia in the retina. Data in Brief, 2018, 16, 489-500.	1.0	0
57	Celebrating the 50th Anniversary of ESDR. Journal of Investigative Dermatology, 2020, 140, S145-S146.	0.7	0