

Wound Healing: A Cellular Perspective

Physiological Reviews

99, 665-706

DOI: [10.1152/physrev.00067.2017](https://doi.org/10.1152/physrev.00067.2017)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Secretome of Adipose Tissue-Derived Stem Cells (ASCs) as a Novel Trend in Chronic Non-Healing Wounds: An Overview of Experimental In Vitro and In Vivo Studies and Methodological Variables. International Journal of Molecular Sciences, 2019, 20, 3721.	1.8	59
2	Drugging cancer metabolism: Expectations vs. reality. International Review of Cell and Molecular Biology, 2019, 347, 1-26.	1.6	24
3	Emerging and innovative approaches for wound healing and skin regeneration: Current status and advances. Biomaterials, 2019, 216, 119267.	5.7	323
4	The Dynamics of the Skin's Immune System. International Journal of Molecular Sciences, 2019, 20, 1811.	1.8	336
5	Identification of critical growth factors for peripheral nerve regeneration. RSC Advances, 2019, 9, 10760-10765.	1.7	18
6	Stem cell therapies for wound healing. Expert Opinion on Biological Therapy, 2019, 19, 575-585.	1.4	116
7	Introductory Chapter: Scars. , 0, , .		0
8	Contribution of Angiogenesis to Inflammation and Cancer. Frontiers in Oncology, 2019, 9, 1399.	1.3	201
9	The interaction of ceramide 1-phosphate with group IVA cytosolic phospholipase A ₂ coordinates acute wound healing and repair. Science Signaling, 2019, 12, .	1.6	25
10	Resveratrol-loaded peptide-hydrogels inhibit scar formation in wound healing through suppressing inflammation. International Journal of Energy Production and Management, 2020, 7, 99-107.	1.9	27
11	Macrophage Plasticity in Skin Fibrosis. Molecular and Translational Medicine, 2019, , 61-87.	0.4	0
12	Silver crosslinked injectable bFGF-eluting supramolecular hydrogels speed up infected wound healing. Journal of Materials Chemistry B, 2020, 8, 1359-1370.	2.9	54
13	Exosomal PD-1 functions as an immunosuppressant to promote wound healing. Journal of Extracellular Vesicles, 2020, 9, 1709262.	5.5	67
14	Spatiotemporal variations of contact stress between liquid-crystal films and fibroblasts Guide cell fate and skin regeneration. Colloids and Surfaces B: Biointerfaces, 2020, 188, 110745.	2.5	6
15	<i>Aloe vera</i> : A Medicinal Plant Used in Skin Wound Healing. Tissue Engineering - Part B: Reviews, 2021, 27, 455-474.	2.5	50
16	The phenotype of gingival fibroblasts and their potential use in advanced therapies. European Journal of Cell Biology, 2020, 99, 151123.	1.6	17
17	Mechanistic Actions of microRNAs in Diabetic Wound Healing. Cells, 2020, 9, 2228.	1.8	38
18	Cerium Oxide Nanoparticles (Nanoceria): Hopes in Soft Tissue Engineering. Molecules, 2020, 25, 4559.	1.7	49

#	ARTICLE	IF	CITATIONS
19	An Updated Review on Silver Nanoparticles in Biomedicine. <i>Nanomaterials</i> , 2020, 10, 2318.	1.9	121
20	<p>The Effect of Inflammation on the Healing Process of Acute Skin Wounds Under the Treatment of Wounds with Injections in Rats</p>. <i>Journal of Experimental Pharmacology</i> , 2020, Volume 12, 409-422.	1.5	11
21	Holistic Approach of Swiss Fetal Progenitor Cell Banking: Optimizing Safe and Sustainable Substrates for Regenerative Medicine and Biotechnology. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 557758.	2.0	18
22	Immune Cell Therapies to Improve Regeneration and Revascularization of Non-Healing Wounds. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5235.	1.8	7
23	Hypoxic preconditioning combined with curcumin promotes cell survival and mitochondrial quality of bone marrow mesenchymal stem cells, and accelerates cutaneous wound healing via PGC-1 β /SIRT3/HIF-1 β signaling. <i>Free Radical Biology and Medicine</i> , 2020, 159, 164-176.	1.3	58
24	A bacteriaâ€™chemokine double act repairs the skin. <i>Nature Immunology</i> , 2020, 21, 966-967.	7.0	2
25	Dual Cross-linked HHA Hydrogel Supplies and Regulates M β 2 for Synergistic Improvement of Immunocompromise and Impaired Angiogenesis to Enhance Diabetic Chronic Wound Healing. <i>Biomacromolecules</i> , 2020, 21, 3795-3806.	2.6	42
26	<p>Exosomes Derived from Bone Mesenchymal Stem Cells with the Stimulation of Fe₃O₄ Nanoparticles and Static Magnetic Field Enhance Wound Healing Through Upregulated miR-21-5p</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 7979-7993.	3.3	94
27	Overview of Current Advances in Extrusion Bioprinting for Skin Applications. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6679.	1.8	37
28	Plant- vs. Bacterial-Derived Cellulose for Wound Healing: A Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6803.	1.2	89
29	Chronic wounds: Current status, available strategies and emerging therapeutic solutions. <i>Journal of Controlled Release</i> , 2020, 328, 532-550.	4.8	151
30	Uniting Drug and Delivery: Metal Oxide Hybrid Nanotherapeutics for Skin Wound Care. <i>Pharmaceutics</i> , 2020, 12, 780.	2.0	28
31	Bioactive Glasses: A Promising Therapeutic Ion Release Strategy for Enhancing Wound Healing. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5399-5430.	2.6	99
32	Extracellular vesicles in Inflammatory Skin Disorders: from Pathophysiology to Treatment. <i>Theranostics</i> , 2020, 10, 9937-9955.	4.6	33
33	Evaluation of fish skin as a biological dressing for metacarpal wounds in donkeys. <i>BMC Veterinary Research</i> , 2020, 16, 472.	0.7	18
34	The Roles of Inflammation in Keloid and Hypertrophic Scars. <i>Frontiers in Immunology</i> , 2020, 11, 603187.	2.2	137
35	Self-Assembled Herbal Medicine Encapsulated by an Oxidation-Sensitive Supramolecular Hydrogel for Chronic Wound Treatment. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56898-56907.	4.0	77
36	Processed Eggshell Membrane Powder Is a Promising Biomaterial for Use in Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8130.	1.8	12

#	ARTICLE	IF	CITATIONS
37	Scar-Free Healing: Current Concepts and Future Perspectives. <i>Nanomaterials</i> , 2020, 10, 2179.	1.9	24
38	Connexins in melanoma: Potential role of Cx46 in its aggressiveness. <i>Pigment Cell and Melanoma Research</i> , 2021, 34, 853-868.	1.5	6
39	Microbial predictors of healing and short-term effect of debridement on the microbiome of chronic wounds. <i>Npj Biofilms and Microbiomes</i> , 2020, 6, 21.	2.9	86
40	High Flexible and Broad Antibacterial Nanodressing Induces Complete Skin Repair with Angiogenic and Follicle Regeneration. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000035.	3.9	45
41	Enhanced Wound Healing- and Inflammasome-Associated Gene Expression in TNFAIP3-Interacting Protein 1- (TNIP1-) Deficient HaCaT Keratinocytes Parallels Reduced Reepithelialization. <i>Mediators of Inflammation</i> , 2020, 2020, 1-14.	1.4	7
42	Macrophage Subpopulation Dynamics Shift following Intravenous Infusion of Mesenchymal Stromal Cells. <i>Molecular Therapy</i> , 2020, 28, 2007-2022.	3.7	15
43	PC4 serves as a negative regulator of skin wound healing in mice. <i>Burns and Trauma</i> , 2020, 8, tkaa010.	2.3	10
44	Proinflammatory cytokines regulate epidermal stem cells in wound epithelialization. <i>Stem Cell Research and Therapy</i> , 2020, 11, 232.	2.4	81
45	Nanomaterials for Wound Dressings: An Up-to-Date Overview. <i>Molecules</i> , 2020, 25, 2699.	1.7	126
46	Evaluation of Probiotics for Warfighter Health and Performance. <i>Frontiers in Nutrition</i> , 2020, 7, 70.	1.6	14
47	Antimicrobial activities of bacterial cellulose “ Silver montmorillonite nanocomposites for wound healing. <i>Materials Science and Engineering C</i> , 2020, 116, 111152.	3.8	61
48	Eosinophils in wound healing and epithelial remodeling: Is coagulation a missing link?. <i>Journal of Leukocyte Biology</i> , 2020, 108, 93-103.	1.5	33
49	A Novel Multilayer Composite Membrane for Wound Healing in Mice Skin Defect Model. <i>Polymers</i> , 2020, 12, 573.	2.0	13
50	Injectable baicalin/F127 hydrogel with antioxidant activity for enhanced wound healing. <i>Chinese Chemical Letters</i> , 2020, 31, 1817-1821.	4.8	85
51	Topography-Mediated Fibroblast Cell Migration Is Influenced by Direction, Wavelength, and Amplitude. <i>ACS Applied Bio Materials</i> , 2020, 3, 2104-2116.	2.3	24
52	Sequential Delivery of Cryogel Released Growth Factors and Cytokines Accelerates Wound Healing and Improves Tissue Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 345.	2.0	42
54	Identification of Differentially Methylated CpG Sites in Fibroblasts from Keloid Scars. <i>Biomedicines</i> , 2020, 8, 181.	1.4	11
55	Hydrogel Dressings for the Treatment of Burn Wounds: An Up-To-Date Overview. <i>Materials</i> , 2020, 13, 2853.	1.3	90

#	ARTICLE	IF	CITATIONS
56	Cellular senescence is a promising target for chronic wounds: a comprehensive review. <i>Burns and Trauma</i> , 2020, 8, tkaa021.	2.3	35
57	Potential Mechanism of Dermal Wound Treatment With Preparations From the Skin Gel of Arabian Gulf Catfish: A Unique Furan Fatty Acid (F6) and Cholesta-3,5-Diene (S5) Recruit Neutrophils and Fibroblasts to Promote Wound Healing. <i>Frontiers in Pharmacology</i> , 2020, 11, 899.	1.6	7
58	Adipose-Derived Stromal Cells Seeded on Integra® Dermal Regeneration Template Improve Post-Burn Wound Reconstruction. <i>Bioengineering</i> , 2020, 7, 67.	1.6	11
59	Recent Advances in the Controlled Release of Growth Factors and Cytokines for Improving Cutaneous Wound Healing. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 638.	1.8	41
60	Treatment of 52 patients with a self-adhesive siliconised superabsorbent dressing: a multicentre observational study. <i>Journal of Wound Care</i> , 2020, 29, 340-349.	0.5	6
61	The dynamics of cell-extracellular matrix interactions, with implications for tissue engineering. , 2020, , 93-117.		4
62	Photo-responsive supramolecular hyaluronic acid hydrogels for accelerated wound healing. <i>Journal of Controlled Release</i> , 2020, 323, 24-35.	4.8	128
63	Microskin-Inspired Injectable MSC-Laden Hydrogels for Scarless Wound Healing with Hair Follicles. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000041.	3.9	48
64	Anti-Aging Effects of GDF11 on Skin. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2598.	1.8	28
65	Adipose-Derived Mesenchymal Stromal Cells in Regenerative Medicine: State of Play, Current Clinical Trials, and Future Prospects. <i>Advances in Wound Care</i> , 2021, 10, 24-48.	2.6	24
66	Nanomedicine in Healing Chronic Wounds: Opportunities and Challenges. <i>Molecular Pharmaceutics</i> , 2021, 18, 550-575.	2.3	84
67	Epidermal resident $\gamma\delta$ T cell development and function in skin. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 573-580.	2.4	8
69	Hyaluronan, Transforming Growth Factor β_2 , and Extra Domain A-Fibronectin: A Fibrotic Triad. <i>Advances in Wound Care</i> , 2021, 10, 137-152.	2.6	17
70	Promotion of collagen deposition during skin healing through Smad3/mTOR pathway by parathyroid hormone-loaded microneedle. <i>Materials Science and Engineering C</i> , 2021, 119, 111446.	3.8	18
71	Advancing continuous subcutaneous insulin infusion in vivo: New insights into tissue challenges. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 1065-1079.	2.1	12
72	The immunosuppressive effect of the endocannabinoid system on the inflammatory phenotypes of macrophages and mesenchymal stromal cells: a comparative study. <i>Pharmacological Reports</i> , 2021, 73, 143-153.	1.5	16
73	Engineering Platelet-Rich Plasma Based Dual-Network Hydrogel as a Bioactive Wound Dressing with Potential Clinical Translational Value. <i>Advanced Functional Materials</i> , 2021, 31, 2009258.	7.8	111
74	Conductive Materials for Healing Wounds: Their Incorporation in Electroactive Wound Dressings, Characterization, and Perspectives. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001384.	3.9	88

#	ARTICLE	IF	CITATIONS
75	The pathogenesis of age-related macular degeneration is not inflammatory mediated but is instead due to immunosenescence-related failure of tissue repair. <i>Medical Hypotheses</i> , 2021, 146, 110392.	0.8	2
76	Tagitinin F has anti-inflammatory, anti-nociceptive and anti-matrix metalloproteinase properties: An in silico, in vitro and in vivo study. <i>Pharmacological Research</i> , 2021, 164, 105303.	3.1	3
77	Regulation of the Wound Healing Response during Aging. <i>Journal of Investigative Dermatology</i> , 2021, 141, 1063-1070.	0.3	27
78	Tools for computational analysis of moving boundary problems in cellular mechanobiology. <i>WIREs Mechanisms of Disease</i> , 2021, 13, e1514.	1.5	3
79	Grapefruit-derived extracellular vesicles as a promising cell-free therapeutic tool for wound healing. <i>Food and Function</i> , 2021, 12, 5144-5156.	2.1	49
80	Gelatin methacryloyl hydrogels functionalized with endothelin-1 for angiogenesis and full-thickness wound healing. <i>Journal of Materials Chemistry B</i> , 2021, 9, 4700-4709.	2.9	18
81	Exosomes targeted towards applications in regenerative medicine. <i>Nano Select</i> , 2021, 2, 880-908.	1.9	12
82	Comparative healing of swine skin following incisions with different surgical devices. <i>Annals of Translational Medicine</i> , 2021, 9, 1514-1514.	0.7	2
83	Bee products as nutraceuticals to nutraceuticals for bees. , 2021, , 813-833.		6
84	Euryops arabicus Promotes Healing of Excised Wounds in Rat Skin: Emphasis on Its Collagen-Enhancing, Antioxidant, and Anti-Inflammatory Activities. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-10.	1.9	4
85	Multi-faceted enhancement of full-thickness skin wound healing by treatment with autologous micro skin tissue columns. <i>Scientific Reports</i> , 2021, 11, 1688.	1.6	17
86	Inhibiting Hyper-O-GlcNAcylation of c-Myc accelerate diabetic wound healing by alleviating keratinocyte dysfunction. <i>Burns and Trauma</i> , 2021, 9, tkab031.	2.3	6
87	Classification of Wounds and the Physiology of Wound Healing. , 2021, , 3-53.		0
88	Facile fabrication of soy protein isolate-functionalized nanofibers with enhanced biocompatibility and hemostatic effect on full-thickness skin injury. <i>Nanoscale</i> , 2021, 13, 15743-15754.	2.8	17
89	Nanodefensin-encased hydrogel with dual bactericidal and pro-regenerative functions for advanced wound therapy. <i>Theranostics</i> , 2021, 11, 3642-3660.	4.6	17
90	PDGF-BB/SA/Dex injectable hydrogels accelerate BMSC-mediated functional full thickness skin wound repair by promoting angiogenesis. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6176-6189.	2.9	20
91	A graphene hybrid supramolecular hydrogel with high stretchability, self-healable and photothermally responsive properties for wound healing. <i>RSC Advances</i> , 2021, 11, 6367-6373.	1.7	18
92	Quorum Sensing as a Therapeutic Target in the Treatment of Chronic Wound Infections. , 2021, , 643-659.		5

#	ARTICLE	IF	CITATIONS
93	LncRNA COL1A2-AS1 promotes skin fibroblast apoptosis by repressing p53 and promoting β -catenin expression. <i>Experimental Dermatology</i> , 2021, 30, 1090-1098.	1.4	4
94	Click chemistry-based biopolymeric hydrogels for regenerative medicine. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 022003.	1.7	36
95	A Single-Center Trial to Evaluate the Efficacy and Tolerability of Four Microneedling Treatments on Fine Lines and Wrinkles of Facial and Neck Skin in Subjects With Fitzpatrick Skin Types I-IV: An Objective Assessment Using Noninvasive Devices and 0.33-mm Microbiopsies. <i>Aesthetic Surgery Journal</i> , 2021, 41, NP1603-NP1618.	0.9	11
96	Interplay between ESKAPE Pathogens and Immunity in Skin Infections: An Overview of the Major Determinants of Virulence and Antibiotic Resistance. <i>Pathogens</i> , 2021, 10, 148.	1.2	27
97	Harnessing the innate and adaptive immune system for tissue repair and regeneration: Considering more than macrophages. <i>Acta Biomaterialia</i> , 2021, 133, 208-221.	4.1	39
98	Changing the Recipe: Pathogen Directed Changes in Tick Saliva Components. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1806.	1.2	19
99	The fibrinolytic system in the cornea: A key regulator of corneal wound healing and biological defense. <i>Experimental Eye Research</i> , 2021, 204, 108459.	1.2	10
101	Cancer metastasis as a non-healing wound. <i>British Journal of Cancer</i> , 2021, 124, 1491-1502.	2.9	51
102	Current Insight of Printability Quality Improvement Strategies in Natural-Based Bioinks for Skin Regeneration and Wound Healing. <i>Polymers</i> , 2021, 13, 1011.	2.0	37
103	Cell-Based Delivery Systems: Emerging Carriers for Immunotherapy. <i>Advanced Functional Materials</i> , 2021, 31, 2100088.	7.8	60
104	Plasma Treatment of Fish Cells: The Importance of Defining Cell Culture Conditions in Comparative Studies. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2534.	1.3	4
105	A perfusable, multifunctional epicardial device improves cardiac function and tissue repair. <i>Nature Medicine</i> , 2021, 27, 480-490.	15.2	61
106	T Cells Plead for Rejuvenation and Amplification; With the Brain's Neurotransmitters and Neuropeptides We Can Make It Happen. <i>Frontiers in Immunology</i> , 2021, 12, 617658.	2.2	12
107	Adenosine Diphosphate Improves Wound Healing in Diabetic Mice Through P2Y12 Receptor Activation. <i>Frontiers in Immunology</i> , 2021, 12, 651740.	2.2	22
108	Wound healing: what is the NICE guidance from the UK?. <i>Journal of Wound Care</i> , 2021, 30, 172-182.	0.5	2
109	Low-dose photodynamic therapy effect on closure of scratch wounds of normal and diabetic fibroblast cells: An in vitro study. <i>Journal of Biophotonics</i> , 2021, 14, e202100005.	1.1	10
110	Functionalized Peptide Fibrils as a Scaffold for Active Substances in Wound Healing. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3818.	1.8	5
111	Contribution of Invariant Natural Killer T Cells to the Clearance of <i>Pseudomonas aeruginosa</i> from Skin Wounds. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3931.	1.8	5

#	ARTICLE	IF	CITATIONS
112	An enzyme-responsive Gp1a-hydrogel for skin wound healing. <i>Journal of Biomaterials Applications</i> , 2021, 36, 714-721.	1.2	7
113	The Effect of the Controlled Release of Platelet Lysate from PVA Nanomats on Keratinocytes, Endothelial Cells and Fibroblasts. <i>Nanomaterials</i> , 2021, 11, 995.	1.9	5
114	Cultivation of Head and Neck Squamous Cell Carcinoma Cells with Wound Fluid Leads to Cisplatin Resistance via Epithelial-Mesenchymal Transition Induction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4474.	1.8	2
115	A cut above the rest: oxidative stress in chronic wounds and the potential role of polyphenols as therapeutics. <i>Journal of Pharmacy and Pharmacology</i> , 2022, 74, 485-502.	1.2	15
116	Advances on Graphene-Based Nanomaterials and Mesenchymal Stem Cell-Derived Exosomes Applied in Cutaneous Wound Healing. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2647-2665.	3.3	22
117	The effect of combined platelet-rich plasma and stromal vascular fraction compared with platelet-rich plasma, stromal vascular fraction, and vaseline alone on healing of deep dermal burn wound injuries in the Wistar rat. <i>Medicina Clinica Practica</i> , 2021, 4, 100239.	0.2	7
118	NF- κ B and COX-2 repression with topical application of hesperidin and naringin hydrogels augments repair and regeneration of deep dermal wounds. <i>Burns</i> , 2022, 48, 132-145.	1.1	12
119	Biofilm-Innate Immune Interface: Contribution to Chronic Wound Formation. <i>Frontiers in Immunology</i> , 2021, 12, 648554.	2.2	73
120	Adipose-derived stem cells combined with platelet-rich plasma enhance wound healing in a rat model of full-thickness skin defects. <i>Stem Cell Research and Therapy</i> , 2021, 12, 226.	2.4	21
121	3D Bioprinting of Functional Skin Substitutes: From Current Achievements to Future Goals. <i>Pharmaceuticals</i> , 2021, 14, 362.	1.7	32
122	Protein-Based Hybrid Responsive Microparticles for Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 18413-18422.	4.0	52
123	Long-term Effect of Individualized Titanium Mesh in Orbital Floor Reconstruction After Maxillectomy. <i>Laryngoscope</i> , 2021, 131, 2231-2237.	1.1	6
124	Graphene Oxide-Based Stimuli-Responsive Platforms for Biomedical Applications. <i>Molecules</i> , 2021, 26, 2797.	1.7	30
125	Photobiomodulation Response From 660nm is Different and More Durable Than That From 980nm. <i>Lasers in Surgery and Medicine</i> , 2021, 53, 1279-1293.	1.1	11
126	Applications of Nanosized-Lipid-Based Drug Delivery Systems in Wound Care. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4915.	1.3	48
127	Carbon dot-based materials for wound healing applications. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2021, 12, 025006.	0.7	9
128	Wound Repair and Extremely Low Frequency-Electromagnetic Field: Insight from In Vitro Study and Potential Clinical Application. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5037.	1.8	24
129	Modeling Gastrointestinal Diseases Using Organoids to Understand Healing and Regenerative Processes. <i>Cells</i> , 2021, 10, 1331.	1.8	3

#	ARTICLE	IF	CITATIONS
130	Serum-derived exosomes accelerate scald wound healing in mice by optimizing cellular functions and promoting Akt phosphorylation. <i>Biotechnology Letters</i> , 2021, 43, 1675-1684.	1.1	5
131	Hallmarks of Aging in Macrophages: Consequences to Skin Inflammaging. <i>Cells</i> , 2021, 10, 1323.	1.8	30
132	Immunology of Acute and Chronic Wound Healing. <i>Biomolecules</i> , 2021, 11, 700.	1.8	270
133	Bipolar Fractional Radiofrequency Treatment of Suprapatellar Skin Assessment Using Noninvasive Devices and Microbiopsy. <i>Aesthetic Surgery Journal</i> , 2021, 41, NP1997-NP2008.	0.9	2
134	Collagen in Wound Healing. <i>Bioengineering</i> , 2021, 8, 63.	1.6	280
135	PRDX4 Improved Aging-Related Delayed Wound Healing in Mice. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2720-2729.	0.3	9
136	Evaluation of the optimal cooling temperature for the face measured by the tissue perfusion during hilotherapy using laser Doppler spectrophotometry. <i>Scientific Reports</i> , 2021, 11, 9805.	1.6	0
137	Therapeutic effect of mesenchymal stem cells on histopathological, immunohistochemical, and molecular analysis in second-grade burn model. <i>Stem Cell Research and Therapy</i> , 2021, 12, 308.	2.4	10
138	Proteomic analysis of <i>Caenorhabditis elegans</i> wound model reveals novel molecular players involved in repair. <i>Journal of Proteomics</i> , 2021, 240, 104222.	1.2	1
140	Mechanical and Immunological Regulation in Wound Healing and Skin Reconstruction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5474.	1.8	23
141	Combination treatment of dendrosomal nanocurcumin and low-level laser therapy develops proliferation and migration of mouse embryonic fibroblasts and alter TGF- β^2 , VEGF, TNF- β and IL-6 expressions involved in wound healing process. <i>PLoS ONE</i> , 2021, 16, e0247098.	1.1	15
142	Growth factor stimulation for the healing of traumatic ulcers with liquid rice hull smoke. <i>Journal of Taibah University Medical Sciences</i> , 2021, 16, 431-439.	0.5	4
143	Cellular human tissue-engineered skin substitutes investigated for deep and difficult to heal injuries. <i>Npj Regenerative Medicine</i> , 2021, 6, 35.	2.5	58
144	The Rediscovery of Honey for Skin Repair: Recent Advances in Mechanisms for Honey-Mediated Wound Healing and Scaffolded Application Techniques. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5192.	1.3	12
145	Wound Management Property of a Hydroethanolic Leaf Extract of <i>Cnestis ferruginea</i> DC. <i>Advances in Pharmacological and Pharmaceutical Sciences</i> , 2021, 2021, 1-10.	0.7	1
146	Wound Healing Activity of <i>Opuntia ficus-indica</i> Fixed Oil Formulated in a Self-Nanoemulsifying Formulation. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3889-3905.	3.3	20
147	Diabetic wound healing: The impact of diabetes on myofibroblast activity and its potential therapeutic treatments. <i>Wound Repair and Regeneration</i> , 2021, 29, 573-581.	1.5	47
148	TRPV1: Role in Skin and Skin Diseases and Potential Target for Improving Wound Healing. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6135.	1.8	42

#	ARTICLE	IF	CITATIONS
150	Surgical Strategies to Promote Cutaneous Healing. <i>Medical Sciences (Basel, Switzerland)</i> , 2021, 9, 45.	1.3	5
151	Zoology, chemical composition, pharmacology, quality control and future perspective of Musk (Moschus): a review. <i>Chinese Medicine</i> , 2021, 16, 46.	1.6	28
152	Electrical Stimulation to Enhance Wound Healing. <i>Journal of Functional Biomaterials</i> , 2021, 12, 40.	1.8	36
153	Antioxidant Therapy and Antioxidant-Related Bionanomaterials in Diabetic Wound Healing. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 707479.	2.0	39
154	Silk gel recruits specific cell populations for scarless skin regeneration. <i>Applied Materials Today</i> , 2021, 23, 101004.	2.3	4
155	Histological Evidence of Wound Healing Improvement in Rats Treated with Oral Administration of Hydroalcoholic Extract of <i>Vitis labrusca</i> . <i>Current Issues in Molecular Biology</i> , 2021, 43, 335-352.	1.0	25
156	Dopamine-Substituted Multidomain Peptide Hydrogel with Inherent Antimicrobial Activity and Antioxidant Capability for Infected Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 29380-29391.	4.0	63
157	Clinical Use of the Self-Assembling Peptide RADA16: A Review of Current and Future Trends in Biomedicine. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 679525.	2.0	52
158	Dermal macrophage and its potential in inducing hair follicle regeneration. <i>Molecular Immunology</i> , 2021, 134, 25-33.	1.0	3
159	Extracellular Vesicles in Organ Fibrosis: Mechanisms, Therapies, and Diagnostics. <i>Cells</i> , 2021, 10, 1596.	1.8	33
160	Cold Atmospheric Plasma Promotes the Immunoreactivity of Granulocytes In Vitro. <i>Biomolecules</i> , 2021, 11, 902.	1.8	12
161	Emerging Roles of Long Non-Coding RNAs in Diabetic Foot Ulcers. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 2549-2560.	1.1	7
162	Efficacy of topical <i>vs</i> intravenous tranexamic acid in reducing blood loss and promoting wound healing in bone surgery: A systematic review and meta-analysis. <i>World Journal of Clinical Cases</i> , 2021, 9, 4210-4220.	0.3	4
163	Bioaerogels: Promising Nanostructured Materials in Fluid Management, Healing and Regeneration of Wounds. <i>Molecules</i> , 2021, 26, 3834.	1.7	31
164	The Insights of Microbes' Roles in Wound Healing: A Comprehensive Review. <i>Pharmaceutics</i> , 2021, 13, 981.	2.0	47
165	Wound healing applications of creams and smart hydrogels. <i>Experimental Dermatology</i> , 2021, 30, 1218-1232.	1.4	52
166	Collagen sponge prolongs taurine release for improved wound healing through inflammation inhibition and proliferation stimulation. <i>Annals of Translational Medicine</i> , 2021, 9, 1010-1010.	0.7	12
167	Spying on the Polarity Dynamics during Wound Healing of Zebrafish by Using Rationally Designed Carbon Dots. <i>Advanced Healthcare Materials</i> , 2021, 10, e2002268.	3.9	34

#	ARTICLE	IF	CITATIONS
168	A double-network polysaccharide-based composite hydrogel for skin wound healing. <i>Carbohydrate Polymers</i> , 2021, 261, 117870.	5.1	115
169	Myofibroblasts: Function, Formation, and Scope of Molecular Therapies for Skin Fibrosis. <i>Biomolecules</i> , 2021, 11, 1095.	1.8	77
170	Microencapsulation of Lemongrass Leaves Effect on Reactive Oxygen Species (ROS) Fibroblasts. , 2021, , .		0
171	Platelet-Therapeutics to Improve Tissue Regeneration and Wound Healingâ€”Physiological Background and Methods of Preparation. <i>Biomedicines</i> , 2021, 9, 869.	1.4	14
172	Graphene oxide-cellulose nanocomposite accelerates skin wound healing. <i>Research in Veterinary Science</i> , 2021, 137, 262-273.	0.9	57
173	PD-L1 Triggered by Binding eIF3I Contributes to the Amelioration of Diabetes-Associated Wound Healing Defects by Regulating IRS4. <i>Journal of Investigative Dermatology</i> , 2022, 142, 220-231.e8.	0.3	3
174	Reversibly immortalized keratinocytes (iKera) facilitate re-epithelization and skin wound healing: Potential applications in cell-based skin tissue engineering. <i>Bioactive Materials</i> , 2022, 9, 523-540.	8.6	24
175	Collagen-Containing Fish Sidestream-Derived Protein Hydrolysates Support Skin Repair via Chemokine Induction. <i>Marine Drugs</i> , 2021, 19, 396.	2.2	6
176	In vitro and in vivo evaluation of the wound healing properties and safety assessment of two seaweeds (<i>Sargassum ilicifolium</i> and <i>Ulva lactuca</i>). <i>Biochemistry and Biophysics Reports</i> , 2021, 26, 100986.	0.7	10
177	N-Acetylcysteine Added to Local Anesthesia Reduces Scar Area and Width in Early Wound Healingâ€”An Animal Model Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7549.	1.8	2
179	The influence of a biofilmâ€”dispensing wound gel on the wound healing process. <i>International Wound Journal</i> , 2022, 19, 553-572.	1.3	5
180	Increase of Fibroblast Proliferation by Composite Membrane (Polyvinyl Alcohol - Collagen -) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tt 5		
181	Effect of <i>Moringa oleifera</i> Leaves on Human Blood Coagulation Process. , 2021, , .		0
182	Histatin 1 enhanced the speed and quality of wound healing through regulating the behaviour of fibroblast. <i>Cell Proliferation</i> , 2021, 54, e13087.	2.4	15
183	Wound dressings: curbing inflammation in chronic wound healing. <i>Emerging Topics in Life Sciences</i> , 2021, 5, 523-537.	1.1	21
184	Suction Cupsâ€”inspired Adhesive Patch with Tailorable Patterns for Versatile Wound Healing. <i>Advanced Science</i> , 2021, 8, e2100201.	5.6	66
185	Platelet lysate converts M (IFNÎ³+LPS) macrophages in CD206⁺TGFâ€”2⁺arginase⁺M2â€”like macrophages that affect fibroblast activity and T lymphocyte migration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 788-797.	1.3	9
186	Enhanced galectinâ€”7 expression favors wound healing. <i>Journal of Dermatology</i> , 2021, 48, 1616-1618.	0.6	1

#	ARTICLE	IF	CITATIONS
187	Biohydrogel Based on Dynamic Covalent Bonds for Wound Healing Applications. Applied Sciences (Switzerland), 2021, 11, 6945.	1.3	0
188	Effect of Electrical Stimulation on Diabetic Human Skin Fibroblast Growth and the Secretion of Cytokines and Growth Factors Involved in Wound Healing. Biology, 2021, 10, 641.	1.3	15
189	Cutaneous Wound Healing: An Update from Physiopathology to Current Therapies. Life, 2021, 11, 665.	1.1	87
190	Platelet-Rich Plasma-Derived Exosomal USP15 Promotes Cutaneous Wound Healing via Deubiquitinating EIF4A1. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-14.	1.9	15
191	Evaluation of a novel tilapia-skin acellular dermis matrix rationally processed for enhanced wound healing. Materials Science and Engineering C, 2021, 127, 112202.	3.8	26
192	Bioengineered endometrial hydrogels with growth factors promote tissue regeneration and restore fertility in murine models. Acta Biomaterialia, 2021, 135, 113-125.	4.1	21
193	Skin Wound Healing: Normal Macrophage Function and Macrophage Dysfunction in Diabetic Wounds. Molecules, 2021, 26, 4917.	1.7	119
194	Study on Extracting Crude Phycocyanin from Spirulina Algae and Determining Its Ability in Protecting Fibroblasts from Oxidative Stress of Hydroxyl Peroxide. IFMBE Proceedings, 2022, , 657-668.	0.2	2
195	Nanoparticle mediated <scp>RNA</scp> delivery for wound healing. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2022, 14, e1741.	3.3	16
197	Extracellular Vesicles in Skin Wound Healing. Pharmaceuticals, 2021, 14, 811.	1.7	48
198	Hypothesis: Neuroglia Activation Due to Increased Peripheral and CNS Proinflammatory Cytokines/Chemokines with Neuroinflammation May Result in Long COVID. Neuroglia (Basel,) Tj ETQq0 0 0 rgBT /Overlock 104f 50 337	1.4	104
199	Mesenchymal Stem Cell-Derived Exosomes: Applications in Regenerative Medicine. Cells, 2021, 10, 1959.	1.8	171
200	Biological Tissue-Inspired Living Self-Healing Hydrogels Based on Cadherin-Mediated Specific Cellâ€“Cell Adhesion. ACS Macro Letters, 2021, 10, 1073-1079.	2.3	6
201	Plasminogen activator receptor assemblies in cell signaling, innate immunity, and inflammation. American Journal of Physiology - Cell Physiology, 2021, 321, C721-C734.	2.1	14
202	Identification of key proteins in the signaling crossroads between wound healing and cancer hallmark phenotypes. Scientific Reports, 2021, 11, 17245.	1.6	7
203	Accelerated Wound Healing Using a Novel Far-Infrared Ceramic Blanket. Life, 2021, 11, 878.	1.1	3
204	One nanosystem with potent antibacterial and gene-delivery performances accelerates infected wound healing. Nano Today, 2021, 39, 101224.	6.2	25
205	Antimicrobial Peptides: The Promising Therapeutics for Cutaneous Wound Healing. Macromolecular Bioscience, 2021, 21, e2100103.	2.1	26

#	ARTICLE	IF	CITATIONS
206	Mesenchymal stem cell-derived exosomes: An emerging therapeutic strategy for normal and chronic wound healing. <i>World Journal of Clinical Cases</i> , 2021, 9, 6218-6233.	0.3	21
207	NK cells in hypoxic skin mediate a trade-off between wound healing and antibacterial defence. <i>Nature Communications</i> , 2021, 12, 4700.	5.8	29
208	4D bioprinting of tissues and organs. <i>Bioprinting</i> , 2021, 23, e00161.	2.9	34
209	Single Dose of N-Acetylcysteine in Local Anesthesia Increases Expression of HIF1 α , MAPK1, TGF β 1 and Growth Factors in Rat Wound Healing. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8659.	1.8	3
210	Adipose-derived stem cell secretome as a cell-free product for cutaneous wound healing. <i>3 Biotech</i> , 2021, 11, 413.	1.1	14
211	Therapeutic potential of ointment containing methanol extract of <i>Lamium album</i> L. on cutaneous wound healing in rats. <i>Journal of Medicinal Plants</i> , 2021, 20, 72-84.	0.2	0
212	Biomimetic Glycopolymer Hydrogels with Tunable Adhesion and Microporous Structure for Fast Hemostasis and Highly Efficient Wound Healing. <i>Advanced Functional Materials</i> , 2021, 31, 2105628.	7.8	123
213	Systems of conductive skin for power transfer in clinical applications. <i>European Biophysics Journal</i> , 2021, , 1.	1.2	3
214	Chemical Composition of <i>Miscanthus sinensis</i> var. <i>purpurascens</i> Flower Absolute and Its Beneficial Effects on Skin Wound Healing and Melanogenesis-Related Cell Activities. <i>Chemistry and Biodiversity</i> , 2021, 18, e2100383.	1.0	3
215	Experimental Study of the Effect of Photobiomodulation Therapy on the Regulation of the Healing Process of Chronic Wounds. <i>International Journal of Photoenergy</i> , 2021, 2021, 1-10.	1.4	5
216	Low-level laser treatment promotes skin wound healing by activating hair follicle stem cells in female mice. <i>Lasers in Medical Science</i> , 2022, 37, 1699-1707.	1.0	8
217	Hydrogel Preparation Methods and Biomaterials for Wound Dressing. <i>Life</i> , 2021, 11, 1016.	1.1	102
218	Metabolism of HSAN1- and T2DM-associated 1-deoxy-sphingolipids inhibits the migration of fibroblasts. <i>Journal of Lipid Research</i> , 2021, 62, 100122.	2.0	4
219	Soft Elastomeric Capacitor for Strain and Stress Monitoring on Sutured Skin Tissues. <i>ACS Sensors</i> , 2021, 6, 3706-3714.	4.0	4
220	Synthetic hydrogels as blood clot mimicking wound healing materials. <i>Progress in Biomedical Engineering</i> , 2021, 3, 042006.	2.8	11
221	A 3D In Vitro Model for Burn Wounds: Monitoring of Regeneration on the Epidermal Level. <i>Biomedicines</i> , 2021, 9, 1153.	1.4	5
222	Vesico-Vaginal Fistula Repair by a Vaginal Approach. <i>Urologia Internationalis</i> , 2021, 105, 1113-1118.	0.6	0
223	Metabolic orchestration of the wound healing response. <i>Cell Metabolism</i> , 2021, 33, 1726-1743.	7.2	101

#	ARTICLE	IF	CITATIONS
224	Bioactive Agent-Loaded Electrospun Nanofiber Membranes for Accelerating Healing Process: A Review. <i>Membranes</i> , 2021, 11, 702.	1.4	44
225	Mesoporous silica incorporated PCL/Curcumin nanofiber for wound healing application. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 167, 106021.	1.9	36
226	New Adapted In Vitro Technology to Evaluate Biofilm Formation and Antibiotic Activity Using Live Imaging under Flow Conditions. <i>Diagnostics</i> , 2021, 11, 1746.	1.3	8
227	Effect of Autologous Platelet-Rich Plasma on Cesarean Section Scar; A Randomized, Double-Blinded Pilot Study. <i>Shiraz E Medical Journal</i> , 2021, 23, .	0.1	1
228	The circadian clock and diseases of the skin. <i>FEBS Letters</i> , 2021, 595, 2413-2436.	1.3	24
229	Caveolin1: its roles in normal and cancer stem cells. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 3459-3475.	1.2	0
230	Wound bed preparation: an overview. <i>British Journal of Community Nursing</i> , 2021, 26, S6-S11.	0.2	1
231	An in vitro model for investigation of vitamin A effects on wound healing. <i>International Journal for Vitamin and Nutrition Research</i> , 2021, 91, 385-390.	0.6	2
232	Effects of Extracorporeal Shock Waves on Microcirculation and Angiogenesis in the in vivo Wound Model of the Diver Box. <i>European Surgical Research</i> , 2021, 62, 134-143.	0.6	5
233	Effect of Microgravity on Endothelial Cell Function, Angiogenesis, and Vessel Remodeling During Wound Healing. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 720091.	2.0	25
234	Host responses to implants revealed by intravital microscopy. <i>Nature Reviews Materials</i> , 2022, 7, 6-22.	23.3	21
235	Faces of cellular senescence in skin aging. <i>Mechanisms of Ageing and Development</i> , 2021, 198, 111525.	2.2	52
236	New Insights on the Effects of Dietary Omega-3 Fatty Acids on Impaired Skin Healing in Diabetes and Chronic Venous Leg Ulcers. <i>Foods</i> , 2021, 10, 2306.	1.9	7
237	Organ-on-a-chip systems for vascular biology. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 159, 1-13.	0.9	31
238	Regulating the mechanics of silk fibroin scaffolds promotes wound vascularization. <i>Biochemical and Biophysical Research Communications</i> , 2021, 574, 78-84.	1.0	7
239	Autocrine regulation of wound healing by ATP release and P2Y2 receptor activation. <i>Life Sciences</i> , 2021, 283, 119850.	2.0	11
240	In vitro biocompatibility and wound healing properties of latex proteins dressing. <i>Toxicology in Vitro</i> , 2021, 76, 105230.	1.1	6
242	In vitro methods used for discovering plant derived products as wound healing agents – An update on the cell types and rationale. <i>Farmacoterapia</i> , 2021, 154, 105026.	1.1	7

#	ARTICLE	IF	CITATIONS
243	Bimetallic palladium@copper nanoparticles: Lethal effect on the gram-negative bacterium <i>Pseudomonas aeruginosa</i> . <i>Materials Science and Engineering C</i> , 2021, 129, 112392.	3.8	8
244	Green fabrication of ZnO/magnetite-based nanocomposite - using <i>Salvia officinalis</i> extract with antibacterial properties enhanced infected full-thickness wound. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 628, 127362.	2.3	15
245	Smart wound dressings for wound healing. <i>Nano Today</i> , 2021, 41, 101290.	6.2	367
246	Biomolecules in cell-derived extracellular vesicle chariots as warriors to repair damaged tissues. <i>Nanoscale</i> , 2021, 13, 16017-16033.	2.8	8
247	Recent developments in mussel-inspired materials for biomedical applications. <i>Biomaterials Science</i> , 2021, 9, 6653-6672.	2.6	42
248	Efficient <i>in vivo</i> wound healing using noble metal nanoclusters. <i>Nanoscale</i> , 2021, 13, 6531-6537.	2.8	12
249	Macrophages in Healing Wounds: Paradoxes and Paradigms. <i>International Journal of Molecular Sciences</i> , 2021, 22, 950.	1.8	44
250	Fabrication of Adhesive Substrate for Incorporating Hydrogels to Investigate the Influence of Stiffness on Cancer Cell Behavior. <i>Methods in Molecular Biology</i> , 2021, 2174, 277-297.	0.4	5
251	Scar Formation: Cellular Mechanisms. , 2020, , 19-26.		9
252	A Crosstalk Between Antiinflammatory and Wound-Healing Properties of Honey. , 2020, , 325-341.		1
253	3D-printed chitosan scaffolds modified with D-(+) raffinose and enriched with type IV collagen to improve epithelial cell colonization. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 055018.	1.7	3
255	Umbilical cord-matrix stem cells induce the functional restoration of vascular endothelial cells and enhance skin wound healing in diabetic mice via the polarized macrophages. <i>Stem Cell Research and Therapy</i> , 2020, 11, 39.	2.4	47
256	Toward understanding scarless skin wound healing and pathological scarring. <i>F1000Research</i> , 2019, 8, 787.	0.8	125
257	Biological properties and therapeutic effects of plant-derived nanovesicles. <i>Open Medicine (Poland)</i> , 2020, 15, 1096-1122.	0.6	54
258	Collagen Structure-Function Mapping Informs Applications for Regenerative Medicine. <i>Bioengineering</i> , 2021, 8, 3.	1.6	46
259	<i>Prunus spinosa</i> Extract Loaded in Biomimetic Nanoparticles Evokes <i>In Vitro</i> Anti-Inflammatory and Wound Healing Activities. <i>Nanomaterials</i> , 2021, 11, 36.	1.9	17
260	Effects of dipotassium glycyrrhizinate on wound healing. <i>Acta Cirurgica Brasileira</i> , 2021, 36, e360801.	0.3	3
261	Multifarious applications of bioactive glasses in soft tissue engineering. <i>Biomaterials Science</i> , 2021, 9, 8111-8147.	2.6	6

#	ARTICLE	IF	CITATIONS
262	m⁶A reader YTHDC1 modulates autophagy by targeting SQSTM1 in diabetic skin. <i>Autophagy</i> , 2022, 18, 1318-1337.	4.3	75
263	Platelets in Wound Healing: What Happens in Space?. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 716184.	2.0	24
264	An Overview on the Manufacturing of Functional and Mature Cellular Skin Substitutes. <i>Tissue Engineering - Part B: Reviews</i> , 2022, 28, 1035-1052.	2.5	7
265	A Beginner's Introduction to Skin Stem Cells and Wound Healing. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11030.	1.8	15
266	Targeting fatty acid metabolism for fibrotic disorders. <i>Archives of Pharmacal Research</i> , 2021, 44, 839-856.	2.7	17
267	Ultrasmall Fe-doped carbon dots nanozymes for photoenhanced antibacterial therapy and wound healing. <i>Bioactive Materials</i> , 2022, 12, 246-256.	8.6	101
268	Biomaterial scaffolds for clinical procedures in endodontic regeneration. <i>Bioactive Materials</i> , 2022, 12, 257-277.	8.6	11
269	Wound Healing-Promoting and Melanogenesis-Inhibiting Activities of <i>Angelica polymorpha</i> Maxim. Flower Absolute In Vitro and Its Chemical Composition. <i>Molecules</i> , 2021, 26, 6172.	1.7	8
270	Cellular Signalling and Photobiomodulation in Chronic Wound Repair. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11223.	1.8	33
271	MagneTEskin™ Reconstructing skin by magnetically induced assembly of autologous microtissue cores. <i>Science Advances</i> , 2021, 7, eabj0864.	4.7	4
272	Topical Administration of Heat-Killed <i>Enterococcus faecalis</i> Strain KH2 Promotes Re-Epithelialization and Granulation Tissue Formation during Skin Wound-Healing. <i>Biomedicines</i> , 2021, 9, 1520.	1.4	6
273	Zinc Oxide Nanoparticles Exhibit Favorable Properties to Promote Tissue Integration of Biomaterials. <i>Biomedicines</i> , 2021, 9, 1462.	1.4	15
274	Role of Neurons and Glia Cells in Wound Healing as a Novel Perspective Considering Platelet as a Conventional Player. <i>Molecular Neurobiology</i> , 2022, 59, 137-160.	1.9	7
275	Genetic deletion of the cannabinoid receptors CB1 and CB2 enhances inflammation with diverging effects on skin wound healing in mice. <i>Life Sciences</i> , 2021, 285, 120018.	2.0	9
276	Growth factors, as biological macromolecules in bioactivity enhancing of electrospun wound dressings for diabetic wound healing: A review. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 205-218.	3.6	30
279	Topical gel-based biomaterials for the treatment of diabetic foot ulcers. <i>Acta Biomaterialia</i> , 2022, 138, 73-91.	4.1	52
280	Accelerative action of topical piperonylic acid on mice full thickness wound by modulating inflammation and collagen deposition. <i>PLoS ONE</i> , 2021, 16, e0259134.	1.1	2
281	Biotechnological Applications of Polymeric Nanofiber Platforms Loaded with Diverse Bioactive Materials. <i>Polymers</i> , 2021, 13, 3734.	2.0	18

#	ARTICLE	IF	CITATIONS
282	Recent Progress in Intelligent Wearable Sensors for Health Monitoring and Wound Healing Based on Biofluids. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 765987.	2.0	24
283	A novel mouse wound model for scar tissue formation in abdominal muscle wall. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 1933-1942.	0.3	3
284	Self-healing polysaccharide-based injectable hydrogels with antibacterial activity for wound healing. <i>Carbohydrate Polymers</i> , 2022, 275, 118770.	5.1	88
286	Histopathological evaluation of latex of <i>Bellaco-Caspi</i> , <i>Himatanthus sucuuba</i> (Spruce) Woodson on wound healing effect in BALB/C mice. <i>Veterinary World</i> , 2020, 13, 1045-1049.	0.7	5
287	Enhanced wound healing properties of guar gum/curcumin-stabilized silver nanoparticle hydrogels. <i>Scientific Reports</i> , 2021, 11, 21836.	1.6	47
288	Fibroblast Differentiation and Matrix Remodeling Impaired under Simulated Microgravity in 3D Cell Culture Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11911.	1.8	18
289	Effect of interface-active proteins on the salt crystal size in waterborne hybrid materials. <i>Applied Adhesion Science</i> , 2021, 9, .	1.5	0
292	Ticks and the effects of their saliva on growth factors involved in skin wound healing. <i>Journal of Venom Research</i> , 2020, 10, 45-52.	0.6	5
293	Emerging Functions of ICAM-1 in Macrophage Efferocytosis and Wound Healing. <i>Journal of Cellular Immunology</i> , 2020, 2, 250-253.	0.8	1
294	A spatiotemporal release platform based on pH/ROS stimuli-responsive hydrogel in wound repairing. <i>Journal of Controlled Release</i> , 2022, 341, 147-165.	4.8	111
295	Lecithin-based nanoemulsions of traditional herbal wound healing agents and their effect on human skin cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2022, 170, 1-9.	2.0	15
296	Melittin and diclofenac synergistically promote wound healing in a pathway involving TGF- β 1. <i>Pharmacological Research</i> , 2022, 175, 105993.	3.1	20
297	Insulin-like growth factor 2 mRNA binding protein 2 regulates proliferation, migration, and angiogenesis of keratinocytes by modulating heparanase stability. <i>Bioengineered</i> , 2021, 12, 11267-11276.	1.4	11
298	A tough synthetic hydrogel with excellent post-loading of drugs for promoting the healing of infected wounds in vivo. <i>Materials Science and Engineering C</i> , 2022, 134, 112577.	3.8	9
299	Fully Reduced HMGB1-Containing Peptide-Based Polyurethane Scaffold with Minimal Functional Unit of Skin (MFUS) Enhances Large and Deep Wounded Skin Healing. <i>Macromolecular Bioscience</i> , 2022, 22, e2100403.	2.1	2
300	Engineering nanoparticle therapeutics for impaired wound healing in diabetes. <i>Drug Discovery Today</i> , 2022, 27, 1156-1166.	3.2	15
301	VEGF loaded porcine decellularized adipose tissue derived hydrogel could enhance angiogenesis in vitro and in vivo. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2022, 33, 569-589.	1.9	8
302	Gene set enrichment analysis and ingenuity pathway analysis to identify biomarkers in Sheng-ji Hua-yu formula treated diabetic ulcers. <i>Journal of Ethnopharmacology</i> , 2022, 285, 114845.	2.0	2

#	ARTICLE	IF	CITATIONS
303	Electrospun Scaffold of Collagen and Polycaprolactone Containing ZnO Quantum Dots for Skin Wound Regeneration. <i>Journal of Bionic Engineering</i> , 2021, 18, 1378-1390.	2.7	28
304	The Effect of Topically Applied Boric Acid on Ephrin-Eph Pathway in Wound Treatment: An Experimental Study. <i>International Journal of Lower Extremity Wounds</i> , 2021, , 153473462110552.	0.6	0
305	Roles of Oxidative Stress and Raftlin in Wound Healing Under Negative-Pressure Wound Therapy. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2021, Volume 14, 1745-1753.	0.8	6
306	Photoactive electrospun cellulose acetate/polyethylene oxide/methylene blue and trilayered cellulose acetate/polyethylene oxide/silk fibroin/ciprofloxacin nanofibers for chronic wound healing. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 1752-1766.	3.6	30
307	A Bioinspired Hemostatic Powder Derived from the Skin Secretion of <i>Andrias davidianus</i> for Rapid Hemostasis and Intraoral Wound Healing. <i>Small</i> , 2022, 18, e2101699.	5.2	31
308	Combination of Full-Field and Fractional Erbium. <i>Dermatologic Surgery</i> , 2021, Publish Ahead of Print, .	0.4	0
309	A PTHrP-2 loaded adhesive cellulose acetate nanofiber mat as wound dressing accelerates wound healing. <i>Materials and Design</i> , 2021, 212, 110241.	3.3	13
310	Medroxyprogesterone acetate inhibits wound closure of human endometrial epithelial cells and stromal fibroblasts in vitro. <i>Scientific Reports</i> , 2021, 11, 23246.	1.6	1
311	Electrical aspects of skin as a pathway to engineering skin devices. <i>APL Bioengineering</i> , 2021, 5, 041509.	3.3	12
312	Design and Development of Electrospun <i>Plectranthus amboinicus</i> Loaded PCL Nanofibrous Scaffold for Skin Wound Healing Application: <i>In vitro</i> and <i>In silico</i> Analysis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
313	CLINICAL CHARACTERISTICS OF POSTOPERATIVE SKIN SCARS IN PATIENTS WITH DIFFERENT CIRCADIAN RHYTHMS USING THE PLACENTA CRYOEXTRACT. <i>World of Medicine and Biology</i> , 2021, 17, 7.	0.1	1
315	The role of miRNAs in the inflammatory phase of skin wound healing. <i>AIMS Allergy and Immunology</i> , 2021, 5, 264-278.	0.3	3
316	Lysyl hydroxylase 2 deficiency promotes filopodia formation and fibroblast migration. <i>Biochemical and Biophysical Research Communications</i> , 2022, 587, 146-152.	1.0	1
317	A regenerative approach to the pharmacological management of hard-to-heal wounds. <i>Biochimie</i> , 2022, 194, 67-78.	1.3	3
318	Bioactive rare earth-based inorganic-organic hybrid biomaterials for wound healing and repair. <i>Applied Materials Today</i> , 2022, 26, 101304.	2.3	16
319	Metal-organic framework-based nanomaterials for bone tissue engineering and wound healing. <i>Materials Today Chemistry</i> , 2022, 23, 100670.	1.7	43
320	MiR-221-3p targets HIPK2 to promote diabetic wound healing. <i>Microvascular Research</i> , 2022, 140, 104306.	1.1	18
321	Emerging Functions of ICAM-1 in Macrophage Efferocytosis and Wound Healing. , 2020, 2, 250-253.		5

#	ARTICLE	IF	CITATIONS
323	Supramolecular Adhesive Hydrogels for Tissue Engineering Applications. <i>Chemical Reviews</i> , 2022, 122, 5604-5640.	23.0	238
324	Colon stroma mediates an inflammation-driven fibroblastic response controlling matrix remodeling and healing. <i>PLoS Biology</i> , 2022, 20, e3001532.	2.6	41
325	Tailoring bioinks of extrusion-based bioprinting for cutaneous wound healing. <i>Bioactive Materials</i> , 2022, 17, 178-194.	8.6	23
326	The clinical impact of hydro-responsive dressings in dynamic wound healing: Part II. <i>Journal of Wound Care</i> , 2022, 31, 56-67.	0.5	2
327	Adipose Stem Cell-Based Treatments for Wound Healing. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 821652.	1.8	11
328	Milk exosomes-mediated miR-31-5p delivery accelerates diabetic wound healing through promoting angiogenesis. <i>Drug Delivery</i> , 2022, 29, 214-228.	2.5	88
329	Use of Adipose Stem Cells Against Hypertrophic Scarring or Keloid. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 823694.	1.8	10
330	Fabrication of homogeneously-aligned nano-fillers encapsulated silk fibroin electrospun nanofibers for improved fibroblast attachment, epithelialization, and collagen depositions: <i>in vitro</i> and <i>in vivo</i> wound healing evaluation. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2022, 33, 878-899.	1.9	9
331	Covalent Organic Framework-Incorporated Nanofibrous Membrane as an Intelligent Platform for Wound Dressing. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 8680-8692.	4.0	51
332	Engineering Vascularizing Electrospun Dermal Grafts by Integrating Fish Collagen and Ion-Doped Bioactive Glass. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 734-752.	2.6	15
333	Magnolol Hybrid Nanofibrous Mat with Antibacterial, Anti-Inflammatory, and Microvascularized Properties for Wound Treatment. <i>Biomacromolecules</i> , 2022, 23, 1124-1137.	2.6	12
334	Autophagy and skin wound healing. <i>Burns and Trauma</i> , 2022, 10, tka003.	2.3	68
335	Combination product of dermal matrix, preconditioned human mesenchymal stem cells and timolol promotes wound healing in the porcine wound model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 1615-1623.	1.6	4
336	Effect of hemodialysis on short-term outcomes after colon cancer surgery. <i>PLoS ONE</i> , 2022, 17, e0262531.	1.1	3
337	Exploring the use of herbal drugs and advanced supporting techniques for wound healing. <i>Bulletin of the National Research Centre</i> , 2022, 46, .	0.7	2
338	A regenerative approach to the pharmacological management of hard-to-heal wounds. <i>Biochimie</i> , 2022, 196, 131-142.	1.3	9
339	Dermal Fibroblast Migration and Proliferation Upon Wounding or Lipopolysaccharide Exposure is Mediated by Stathmin. <i>Frontiers in Pharmacology</i> , 2021, 12, 781282.	1.6	16
340	Apoptotic bodies extracted from adipose mesenchymal stem cells carry microRNA-21a*5p to induce M2 polarization of macrophages and augment skin wound healing by targeting KLF6. <i>Burns</i> , 2022, , .	1.1	15

#	ARTICLE	IF	CITATIONS
341	Betulinic acid accelerates diabetic wound healing by modulating hyperglycemia-induced oxidative stress, inflammation and glucose intolerance. <i>Burns and Trauma</i> , 2022, 10, tkac007.	2.3	4
342	Quercetin promotes cutaneous wound healing in mice through Wnt/ β -catenin signaling pathway. <i>Journal of Ethnopharmacology</i> , 2022, 290, 115066.	2.0	43
343	Thy-1 (CD90), Integrins and Syndecan 4 are Key Regulators of Skin Wound Healing. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 810474.	1.8	6
344	Wound healing and antibacterial chitosan-genipin hydrogels with controlled drug delivery for synergistic anti-inflammatory activity. <i>International Journal of Biological Macromolecules</i> , 2022, 203, 679-694.	3.6	27
345	Bio-based poly (β -glutamic acid)-gelatin double-network hydrogel with high strength for wound healing. <i>International Journal of Biological Macromolecules</i> , 2022, 202, 438-452.	3.6	20
346	Bioactive Materials Promote Wound Healing through Modulation of Cell Behaviors. <i>Advanced Science</i> , 2022, 9, e2105152.	5.6	94
347	Fine Regulation during Wound Healing by Mast Cells, a Physiological Role Not Yet Clarified. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1820.	1.8	26
348	The 3-D configuration of excisional skin wound healing after topical probiotic application. <i>Injury</i> , 2022, 53, 1385-1393.	0.7	13
349	Glucose-responsive multifunctional metal-organic drug-loaded hydrogel for diabetic wound healing. <i>Acta Biomaterialia</i> , 2022, 140, 206-218.	4.1	80
350	Protective Effect of Casticin on Experimental Skin Wound Healing of Rats. <i>Journal of Surgical Research</i> , 2022, 274, 145-152.	0.8	2
351	A hydrogen-bonded antibacterial curdlan-tannic acid hydrogel with an antioxidant and hemostatic function for wound healing. <i>Carbohydrate Polymers</i> , 2022, 285, 119235.	5.1	82
352	Microspheres powder as potential clinical auxiliary materials for combining with platelet-rich plasma to prepare cream gel towards wound treatment. <i>Applied Materials Today</i> , 2022, 27, 101408.	2.3	11
353	Harnessing the Natural Healing Power of Colostrum: Bovine Milk-Derived Extracellular Vesicles from Colostrum Facilitating the Transition from Inflammation to Tissue Regeneration for Accelerating Cutaneous Wound Healing. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102027.	3.9	22
354	Topical Chitosan-Based Thermo-Responsive Scaffold Provides Dexketoprofen Trometamol Controlled Release for 24 h Use. <i>Pharmaceutics</i> , 2021, 13, 2100.	2.0	13
355	Collagen-Based Nanofibers for Skin Regeneration and Wound Dressing Applications. <i>Polymers</i> , 2021, 13, 4368.	2.0	53
356	Mesenchymal stem cells, secretome and biomaterials in in-vivo animal models: Regenerative medicine application in cutaneous wound healing. <i>Biocell</i> , 2022, 46, 1815-1826.	0.4	4
357	Bacterial cellulose as a potential biopolymer in biomedical applications: a state-of-the-art review. <i>Journal of Materials Chemistry B</i> , 2022, 10, 3199-3241.	2.9	27
358	The molecular profile of urethral stricture disease. , 2022, , 125-143.		0

#	ARTICLE	IF	CITATIONS
359	Biomimetic peptide nanoparticles participate in natural coagulation for hemostasis and wound healing. <i>Biomaterials Science</i> , 2022, 10, 2628-2637.	2.6	4
360	Re-thinking lactation-related nipple pain and damage. <i>Women's Health</i> , 2022, 18, 174550572210878.	0.7	14
361	The clinical effectiveness and safety of using epidermal growth factor, fibroblast growth factor and granulocyte-macrophage colony stimulating factor as therapeutics in acute skin wound healing: a systematic review and meta-analysis. <i>Burns and Trauma</i> , 2022, 10, tkac002.	2.3	9
362	A chitosan-based multifunctional hydrogel containing <i>in situ</i> rapidly bio-reduced silver nanoparticles for accelerating infected wound healing. <i>Journal of Materials Chemistry B</i> , 2022, 10, 2135-2147.	2.9	25
363	Topical Medicine Potency of <i>Musa paradisiaca</i> var. <i>sapientum</i> (L.) kuntze as Oral Gel for Wound Healing: An In Vitro, In Vivo Study. <i>European Journal of Dentistry</i> , 2022, 16, 848-855.	0.8	3
364	Proximate larval epidermal cell layer generates forces for Pupal thorax closure in <i>Drosophila</i> . <i>Genetics</i> , 2022, 221, .	1.2	1
365	Nanomaterial-Based Therapy for Wound Healing. <i>Nanomaterials</i> , 2022, 12, 618.	1.9	62
366	Characterization of Onchidiid Slug (<i>Onchidium typhae</i>) West Kalimantan Waters as Antibacterials and Antifungal. <i>Borneo Journal of Pharmacy</i> , 2022, 5, 35-41.	0.1	0
367	Decellularized Tissues for Wound Healing: Towards Closing the Gap Between Scaffold Design and Effective Extracellular Matrix Remodeling. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 821852.	2.0	42
368	The Outer Membrane Lipoprotein Tp0136 Stimulates Human Platelet Activation and Aggregation Through PAR1 to Enhance Gq/Gi Signaling. <i>Frontiers in Immunology</i> , 2022, 13, 818151.	2.2	4
369	Mupirocin-Loaded Chitosan Microspheres Embedded in Piper betle Extract Containing Collagen Scaffold Accelerate Wound Healing Activity. <i>AAPS PharmSciTech</i> , 2022, 23, 77.	1.5	9
370	FVIII regulates the molecular profile of endothelial cells: functional impact on the blood barrier and macrophage behavior. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 145.	2.4	3
371	Evaluation of Cell Migration and Cytokines Expression Changes under the Radiofrequency Electromagnetic Field on Wound Healing In Vitro Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2205.	1.8	11
372	Computational exploration of cellular communication in skin from emerging single-cell and spatial transcriptomic data. <i>Biochemical Society Transactions</i> , 2022, 50, 297-308.	1.6	10
373	Repeated Social Defeat Enhances CaCl ₂ -Induced Abdominal Aortic Aneurysm Expansion by Inhibiting the Early Fibrotic Response via the MAPK-MKP-1 Pathway. <i>Cells</i> , 2022, 11, 732.	1.8	0
374	Epigenetic Influences on Wound Healing and Hypertrophic-Keloid Scarring: A Review for Basic Scientists and Clinicians. <i>Cureus</i> , 2022, 14, e23503.	0.2	1
375	Monocyte NLRP3 Hyperactivation Mediates Neuronal and Synaptic Dysfunction in Perioperative Neurocognitive Disorder. <i>Advanced Science</i> , 2022, 9, e2104106.	5.6	5
376	Platelet-Released Growth Factors Influence Wound Healing-Associated Genes in Human Keratinocytes and Ex Vivo Skin Explants. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2827.	1.8	8

#	ARTICLE	IF	CITATIONS
377	In vitro and in vivo wound healing activities of <i>Globularia arabica</i> leaf methanolic extract in diabetic rats. <i>Journal of Cosmetic Dermatology</i> , 2022, 21, 4888-4900.	0.8	5
379	Ag-Contained Superabsorbent Curdlan-Chitosan Foams for Healing Wounds in a Type-2 Diabetic Mice Model. <i>Pharmaceutics</i> , 2022, 14, 724.	2.0	9
381	Thrombus formation at the inflow cannula of continuous-flow left ventricular assist devices: A systematic analysis. <i>Artificial Organs</i> , 2022, 46, 1573-1584.	1.0	4
382	Fabrication of Sulfated Heterosaccharide/Poly (Vinyl Alcohol) Hydrogel Nanocomposite for Application as Wound Healing Dressing. <i>Molecules</i> , 2022, 27, 1801.	1.7	5
383	Inflammatory Microenvironment of Skin Wounds. <i>Frontiers in Immunology</i> , 2022, 13, 789274.	2.2	38
384	A Systematic Review of the Effect of <i>Centella asiatica</i> on Wound Healing. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3266.	1.2	30
385	Bionanomaterials: Advancements in Wound Healing and Tissue Regeneration. , 0, , .		1
386	In Situ 3D Bioprinting Living Photosynthetic Scaffolds for Autotrophic Wound Healing. <i>Research</i> , 2022, 2022, 9794745.	2.8	24
387	Platelets drive fibronectin fibrillogenesis using integrin $\alpha 5 \beta 3$. <i>Science Advances</i> , 2022, 8, eabj8331.	4.7	11
388	Eosinophil-Derived Osteopontin Induces the Expression of Pro-Inflammatory Mediators and Stimulates Extracellular Matrix Production in Nasal Fibroblasts: The Role of Osteopontin in Eosinophilic Chronic Rhinosinusitis. <i>Frontiers in Immunology</i> , 2022, 13, 777928.	2.2	11
389	The Role of microRNA in the Inflammatory Response of Wound Healing. <i>Frontiers in Immunology</i> , 2022, 13, 852419.	2.2	18
390	Regulation of Semaphorin3A in the process of cutaneous wound healing. <i>Cell Death and Differentiation</i> , 2022, 29, 1941-1954.	5.0	3
391	Cold atmospheric plasma delivery for biomedical applications. <i>Materials Today</i> , 2022, 54, 153-188.	8.3	35
392	Polydopamine Decorated Microneedles with Fe-MS-CDerived Nanovesicles Encapsulation for Wound Healing. <i>Advanced Science</i> , 2022, 9, e2103317.	5.6	110
393	Chemistry, pharmacokinetics, pharmacological activities, and toxicity of Quercitrin. <i>Phytotherapy Research</i> , 2022, 36, 1545-1575.	2.8	42
394	3D nanocomposite alginate hydrogel loaded with pitavastatin nanovesicles as a functional wound dressing with controlled drug release; preparation, in-vitro and in-vivo evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 71, 103292.	1.4	11
395	Development and Evaluation of Ginkgo biloba/Sodium Alginate Nanocomplex Gel as a Long-Acting Formulation for Wound Healing. <i>Gels</i> , 2022, 8, 189.	2.1	2
396	Dermal extracellular matrix molecules in skin development, homeostasis, wound regeneration and diseases. <i>Seminars in Cell and Developmental Biology</i> , 2022, 128, 137-144.	2.3	49

#	ARTICLE	IF	CITATIONS
397	A Transparent Semiconducting Surface for Capturing and Releasing Single Cells from a Complex Cell Mixture. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 18079-18086.	4.0	4
398	Evaluation of Wound Healing and Antibacterial Activities of Solvent Fractions of 80% Methanol Leaf Extract of <i>Brucea antidysenterica</i> J.F. Mill (Simaroubaceae). <i>Infection and Drug Resistance</i> , 2022, Volume 15, 1517-1531.	1.1	2
400	Regenerating vascular mural cells in zebrafish fin blood vessels are not derived from pre-existing mural cells and differentially require Pdgfrb signalling for their development. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	10
401	Effects of Adipose-Derived Stem Cells and Their Conditioned Medium in a Human Ex Vivo Wound Model. <i>Cells</i> , 2022, 11, 1198.	1.8	18
402	Early SRC activation skews cell fate from apoptosis to senescence. <i>Science Advances</i> , 2022, 8, eabm0756.	4.7	22
403	Bilayer hydrogel dressing with lysozyme-enhanced photothermal therapy for biofilm eradication and accelerated chronic wound repair. <i>Acta Pharmaceutica Sinica B</i> , 2023, 13, 284-297.	5.7	28
404	Altered regulation of mesenchymal cell senescence in adipose tissue promotes pathological changes associated with diabetic wound healing. <i>Communications Biology</i> , 2022, 5, 310.	2.0	14
405	Food and Drug Administration perspective: Advancing product development for non-healing chronic wounds. <i>Wound Repair and Regeneration</i> , 2022, 30, 299-302.	1.5	10
406	Recent progress of collagen, chitosan, alginate and other hydrogels in skin repair and wound dressing applications. <i>International Journal of Biological Macromolecules</i> , 2022, 208, 400-408.	3.6	134
407	Delivery systems for platelet derived growth factors in wound healing: A review of recent developments and global patent landscape. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 71, 103270.	1.4	8
408	Dextran, as a biological macromolecule for the development of bioactive wound dressing materials: A review of recent progress and future perspectives. <i>International Journal of Biological Macromolecules</i> , 2022, 207, 666-682.	3.6	27
409	Extracellular vesicles enriched with an endothelial cell pro-survival microRNA affects skin tissue regeneration. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 28, 307-327.	2.3	7
410	ALM Induces Cellular Quiescence in the Surgical Margin 3 Days Following Liver Resection, Hemorrhage, and Shock. <i>Journal of Surgical Research</i> , 2022, 275, 16-28.	0.8	3
411	Features of the regulation of reparative processes of chronic wounds by cytokines when using photobiomodulation therapy. <i>Experimental and Clinical Physiology and Biochemistry</i> , 2022, 2021, .	0.2	0
412	Ex vivo tolerization and M2 polarization of macrophages dampens both pro- and anti-inflammatory cytokine production in response to diabetic wound fluid stimulation. <i>Biochimie</i> , 2022, 196, 143-152.	1.3	3
413	PuraStat RADA16 Self-Assembling Peptide Reduces Postoperative Abdominal Adhesion Formation in a Rabbit Cecal Sidewall Injury Model. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 782224.	2.0	7
414	Microfluidic-Based Droplets for Advanced Regenerative Medicine: Current Challenges and Future Trends. <i>Biosensors</i> , 2022, 12, 20.	2.3	14
415	Injectable gelatin/oxidized dextran hydrogel loaded with apocynin for skin tissue regeneration. <i>Materials Science and Engineering C</i> , 2022, 133, 112604.	3.8	19

#	ARTICLE	IF	CITATIONS
416	The Role of Extracellular Matrix in Skin Wound Healing. <i>Journal of Clinical Medicine</i> , 2021, 10, 5947.	1.0	43
417	Infection Probability Index: Implementation of an Automated Chronic Wound Infection Marker. <i>Journal of Clinical Medicine</i> , 2022, 11, 169.	1.0	4
418	Assessment Score to Predict Pressure Sore Impaired Healing Late Recurrence, Immobility, Greater Surface, Inhibited Thrombocytes. <i>Plastic and Reconstructive Surgery</i> , 2022, 149, 483-493.	0.7	0
419	An Anhydrous Sodium Chloride Skin Preservation Model for Studies on Keratinocytes Grafting into the Wounds. <i>Pharmaceutics</i> , 2021, 13, 2078.	2.0	1
420	Bioactive Antimicrobial Peptides as Therapeutic Agents for Infected Diabetic Foot Ulcers. <i>Biomolecules</i> , 2021, 11, 1894.	1.8	18
421	Application of Electrospun Nanofiber Membrane in the Treatment of Diabetic Wounds. <i>Pharmaceutics</i> , 2022, 14, 6.	2.0	15
422	Roles of cutaneous cell-cell communication in wound healing outcome: An emphasis on keratinocyte-fibroblast crosstalk. <i>Experimental Dermatology</i> , 2022, 31, 475-484.	1.4	28
423	Calcium Signaling in the Photodamaged Skin: In Vivo Experiments and Mathematical Modeling. <i>Function</i> , 2021, 3, zqab064.	1.1	9
424	An Epithelial Abrasion Model for Studying Corneal Wound Healing. <i>Journal of Visualized Experiments</i> , 2021, , .	0.2	2
426	Sustainable Polymer Used as Renewable Source for Medical Industry. , 2022, , .		0
427	A Composite Hydrogel Containing Mesoporous Silica Nanoparticles Loaded With <i>Artemisia argyi</i> Extract for Improving Chronic Wound Healing. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 825339.	2.0	18
428	Skin T Cells and Their Function in Wound Healing. <i>Frontiers in Immunology</i> , 2022, 13, 875076.	2.2	20
429	Lentivirus-mediated subcutaneous JAM modification promotes skin wound healing in a mouse model by strengthening the secretory function and proliferation of fibroblasts. <i>Cell Biology International</i> , 2022, , .	1.4	1
430	When healing turns into killing – the pathophysiology of pancreatic and hepatic fibrosis. <i>Journal of Physiology</i> , 2022, 600, 2579-2612.	1.3	9
431	Receptor activity-modifying protein 1 regulates mouse skin fibroblast proliferation via the G13-PKA-CREB-YAP axis. <i>Cell Communication and Signaling</i> , 2022, 20, 52.	2.7	10
432	Reprogramming the immune niche for skin tissue regeneration – From cellular mechanisms to biomaterials applications. <i>Advanced Drug Delivery Reviews</i> , 2022, 185, 114298.	6.6	19
435	Monitoring Wound Healing with Topically Applied Optical NanoFlare mRNA Nanosensors. <i>Advanced Science</i> , 2022, 9, e2104835.	5.6	5
436	Identification of active compounds and molecular mechanisms of <i>Dalbergia tsoi</i> Merr.et Chun to accelerate wound healing. <i>Biomedicine and Pharmacotherapy</i> , 2022, 150, 112990.	2.5	5

#	ARTICLE	IF	CITATIONS
437	A time to heal: microRNA and circadian dynamics in cutaneous wound repair. <i>Clinical Science</i> , 2022, 136, 579-597.	1.8	9
438	Investigation on the Influence of Synovial Fluid and Vitreous Humour on Avulsion Wounds Healing in Rabbits.. <i>Archives of Razi Institute</i> , 2021, 76, 1483-1491.	0.4	0
439	Cutaneous Wound Healing: A Review about Innate Immune Response and Current Therapeutic Applications. <i>Mediators of Inflammation</i> , 2022, 2022, 1-16.	1.4	28
440	Push or Pull? Cell Proliferation and Migration During Wound Healing. <i>Frontiers in Systems Biology</i> , 2022, 2, .	0.5	3
441	Role of neurotransmitters in the regulation of cutaneous wound healing. <i>Experimental Brain Research</i> , 2022, 240, 1649-1659.	0.7	5
442	Combination of Glycinamide and Ascorbic Acid Synergistically Promotes Collagen Production and Wound Healing in Human Dermal Fibroblasts. <i>Biomedicines</i> , 2022, 10, 1029.	1.4	8
443	Application of chitosan-based nanoparticles in skin wound healing. <i>Asian Journal of Pharmaceutical Sciences</i> , 2022, 17, 299-332.	4.3	45
444	Interfacially responsive electron transfer and matter conversion by polydopamine-mediated nanoplatfoms for advancing disease theranostics. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2022, 14, e1805.	3.3	3
445	A Review on Recent Progress of Stingless Bee Honey and Its Hydrogel-Based Compound for Wound Care Management. <i>Molecules</i> , 2022, 27, 3080.	1.7	12
446	Pine pollen polysaccharides promote cell proliferation and accelerate wound healing by activating the JAK2-STAT3 signaling pathway. <i>International Journal of Biological Macromolecules</i> , 2022, 210, 579-587.	3.6	5
447	Biomechanical Regulatory Factors and Therapeutic Targets in Keloid Fibrosis. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	16
448	How Effective are Nano-Based Dressings in Diabetic Wound Healing? A Comprehensive Review of Literature. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 2097-2119.	3.3	13
449	Study of the Effect of Photobiomodulation on a Skin Repair Model in SKH-1 Mice. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2022, 40, 325-333.	0.7	1
450	Montelukast, an Antagonist of Cysteinyl Leukotriene Signaling, Impairs Burn Wound Healing. <i>Plastic and Reconstructive Surgery</i> , 2022, 150, 92e-104e.	0.7	2
451	The role of senescence in cellular plasticity: Lessons from regeneration and development and implications for age-related diseases. <i>Developmental Cell</i> , 2022, 57, 1083-1101.	3.1	19
452	Small, Cationic Antifungal Proteins from Filamentous Fungi Inhibit <i>Candida albicans</i> Growth in 3D Skin Infection Models. <i>Microbiology Spectrum</i> , 2022, 10, e0029922.	1.2	7
453	Nanofiber Topographies Enhance Platelet-Fibrinogen Scaffold Interactions. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200249.	3.9	9
454	Functionalized injectable hyaluronic acid hydrogel with antioxidative and photothermal antibacterial activity for infected wound healing. <i>International Journal of Biological Macromolecules</i> , 2022, 210, 218-232.	3.6	36

#	ARTICLE	IF	CITATIONS
455	Injectable Dual-CD-Dynamic-Bond Cross-Linked Hydrogel for Highly Efficient Infected Diabetic Wound Healing. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200516.	3.9	35
456	Î ² -CD/PEI/PVA composite hydrogels with superior self-healing ability and antibacterial activity for wound healing. <i>Composites Part B: Engineering</i> , 2022, 238, 109921.	5.9	32
457	Coordination polymer nanozymes-integrated colorimetric microneedle patches for intelligent wound infection management. <i>Chemical Engineering Journal</i> , 2022, 444, 136640.	6.6	27
458	Clinical Research Status of Keloid. <i>Hans Journal of Surgery</i> , 2022, 11, 57-65.	0.0	0
459	MATHEMATICAL INSIGHTS INTO THE DYNAMICS OF INNATE IMMUNE RESPONSE DURING INFLAMMATION. <i>Journal of Biological Systems</i> , 0, , 1-21.	0.5	0
460	Hypothyroidism affects corneal homeostasis and wound healing in mice. <i>Experimental Eye Research</i> , 2022, 220, 109111.	1.2	2
461	Single-Cell RNA-seq Analysis Reveals Cellular Functional Heterogeneity in Dermis Between Fibrotic and Regenerative Wound Healing Fates. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	8
462	Non-coding RNAs in photoaging-related mechanisms: a new paradigm in skin health. <i>Biogerontology</i> , 2022, 23, 289-306.	2.0	8
463	Smart bioadhesives for wound healing and closure. <i>Bioactive Materials</i> , 2023, 19, 360-375.	8.6	74
464	Platelets and (Lymph)angiogenesis. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2023, 13, a041174.	2.9	7
465	Implications of endotoxins in wound healing: a narrative review. <i>Journal of Wound Care</i> , 2022, 31, 380-392.	0.5	16
466	Burn-Induced Local and Systemic Immune Response: Systematic Review and Meta-Analysis of Animal Studies. <i>Journal of Investigative Dermatology</i> , 2022, 142, 3093-3109.e15.	0.3	12
467	Bilayer silk fibroin/sodium alginate scaffold promotes vascularization and advances inflammation stage in full-thickness wound. <i>Biofabrication</i> , 2022, 14, 035016.	3.7	20
468	Design and Fabrication of a Dual Protein-Based Trilayered Nanofibrous Scaffold for Efficient Wound Healing. <i>ACS Applied Bio Materials</i> , 2022, 5, 2726-2740.	2.3	13
469	Engineered microneedles arrays for wound healing. <i>Engineered Regeneration</i> , 2022, 3, 232-240.	3.0	7
470	Sex-Differences and Associations Between Complement Activation and Synovial Vascularization in Patients with Late-Stage Knee Osteoarthritis. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	6
471	Genipin-Crosslinking Effects on Biomatrix Development for Cutaneous Wound Healing: A Concise Review. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, .	2.0	10
472	Exosome Mimetics-Loaded Hydrogel Accelerates Wound Repair by Transferring Functional Mitochondrial Proteins. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, .	2.0	16

#	ARTICLE	IF	CITATIONS
473	In-situ formed elastin-based hydrogels enhance wound healing via promoting innate immune cells recruitment and angiogenesis. <i>Materials Today Bio</i> , 2022, 15, 100300.	2.6	19
474	Human skin through the ages. <i>International Journal of Pharmaceutics</i> , 2022, 622, 121850.	2.6	10
475	Vascularized Polypeptide Hydrogel Modulates Macrophage Polarization for Wound Healing. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
476	An Insight into Recent Advances on Platelet Function in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6022.	1.8	15
478	Neural Stem Cell Reactivation in Cultured &Drosophila& Brain Explants. <i>Journal of Visualized Experiments</i> , 2022, , .	0.2	0
479	Orchestrating the Dermal/Epidermal Tissue Ratio during Wound Healing by Controlling the Moisture Content. <i>Biomedicines</i> , 2022, 10, 1286.	1.4	2
480	Continuous Self-Oxygenated Double-Layered Hydrogel under Natural Light for Real-Time Infection Monitoring, Enhanced Photodynamic Therapy, and Hypoxia Relief in Refractory Diabetic Wounds Healing. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	51
481	Superior in vivo Wound-Healing Activity of Mycosynthesized Silver Nanogel on Different Wound Models in Rat. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	4
482	Beyond the Scar: A Basic Science Review of Wound Remodeling. <i>Advances in Wound Care</i> , 2023, 12, 57-67.	2.6	10
483	Acellular Dermal Matrix Favorably Modulates the Healing Response after Surgery. <i>Plastic and Reconstructive Surgery</i> , 2022, 150, 290e-299e.	0.7	6
484	Biofabricated macrophage and fibroblast membranes synergistically promote skin wound healing. <i>Bioengineering and Translational Medicine</i> , 2022, 7, .	3.9	11
485	Sutureless full-thickness skin grafting using a dual drug-in-bioadhesive coacervate. <i>Chemical Engineering Journal</i> , 2022, 446, 137272.	6.6	14
486	Keratinocytes. , 2023, , 90-105.		0
487	Layered Fibrous Scaffolds/Membranes in Wound Healing. <i>Advances in Polymer Science</i> , 2022, , .	0.4	0
488	pH-thermoresponsive hydrogel-treated fabric for treating reinfected wounds. , 2022, , 411-456.		0
489	Mussel-inspired collagen-hyaluronic acid composite scaffold with excellent antioxidant properties and sustained release of a growth factor for enhancing diabetic wound healing. <i>Materials Today Bio</i> , 2022, 15, 100320.	2.6	25
490	Crosslinked Collagenic Scaffold Behavior Evaluation by Physico-Chemical, Mechanical and Biological Assessments in an In Vitro Microenvironment. <i>Polymers</i> , 2022, 14, 2430.	2.0	4
491	Chitosans and Nanochitosans: Recent Advances in Skin Protection, Regeneration, and Repair. <i>Pharmaceutics</i> , 2022, 14, 1307.	2.0	21

#	ARTICLE	IF	CITATIONS
493	Proteoglycan 4 (PRG4) treatment enhances wound closure and tissue regeneration. <i>Npj Regenerative Medicine</i> , 2022, 7, .	2.5	8
494	Wound Healing Effects of Dracontomelon dao on Bacterial Infection Wounds in Rats and Its Potential Mechanisms under Simulated Space Environment. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-15.	0.5	2
495	Intestinal Anastomotic Healing: What do We Know About Processes Behind Anastomotic Complications. <i>Frontiers in Surgery</i> , 0, 9, .	0.6	8
496	Derma-like antibacterial polysaccharide gel dressings for wound care. <i>Acta Biomaterialia</i> , 2022, 148, 119-132.	4.1	16
498	Functionalizing multi-component bioink with platelet-rich plasma for customized in-situ bilayer bioprinting for wound healing. <i>Materials Today Bio</i> , 2022, 16, 100334.	2.6	24
499	Exosomes from human induced pluripotent stem cells-derived keratinocytes accelerate burn wound healing through miR-762 mediated promotion of keratinocytes and endothelial cells migration. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	14
500	An asymmetric wettable PCL/chitosan composite scaffold loaded with IGF-2 for wound dressing. <i>Journal of Biomaterials Applications</i> , 2022, 37, 577-587.	1.2	4
501	Biomedical Applications of MXene-Integrated Composites: Regenerative Medicine, Infection Therapy, Cancer Treatment, and Biosensing. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	62
502	The Therapeutic Role of ADSC-EVs in Skin Regeneration. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	9
503	Protease-responsive hydrogel, cross-linked with bioactive curcumin-derived carbon dots, encourage faster wound closure. , 2022, 139, 212978.		12
504	ANALYSIS OF CLINICAL PARAMETERS OF SCAR TISSUE OF THE SCALP AND NECK DEPENDING ON THE CIRCADIAN RHYTHM OF THE PATIENT. <i>World of Medicine and Biology</i> , 2022, 18, 141.	0.1	1
505	Differential Regulation of Integrin $\alpha 5$ and $\beta 4$ in Normal and Psoriatic Epidermal Keratinocytes. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 58, .	1.2	0
506	Advances in hydrogels for stem cell therapy: regulation mechanisms and tissue engineering applications. <i>Journal of Materials Chemistry B</i> , 2022, 10, 5520-5536.	2.9	9
507	Wearable electronics for skin wound monitoring and healing. , 2022, 2, 9.		15
508	Potency assays for human adipose-derived stem cells as a medicinal product toward wound healing. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	7
509	Exosomes Derived From Umbilical Cord Mesenchymal Stem Cells Treat Cutaneous Nerve Damage and Promote Wound Healing. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	16
510	Activin B-activated Cdc42 signaling plays a key role in regulating adipose-derived mesenchymal stem cells-mediated skin wound healing. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	2
511	Growth Factor and Cytokine Delivery Systems for Wound Healing. <i>Cold Spring Harbor Perspectives in Biology</i> , 2022, 14, a041234.	2.3	18

#	ARTICLE	IF	CITATIONS
512	The combination of mesoglycan and VEGF promotes skin wound repair by enhancing the activation of endothelial cells and fibroblasts and their cross-talk. <i>Scientific Reports</i> , 2022, 12, .	1.6	15
513	SECOND DEGREE BURN WOUND HEALING ACTIVITY TEST OF ETHANOL EXTRACT MAHOGANY BARK (SWIETENIA MAHAGONI (L.) JACQ.). <i>International Journal of Applied Pharmaceutics</i> , 0, , 31-35.	0.3	0
514	Wound-Healing Promotion and Anti-Inflammatory Properties of Carvacrol Prodrugs/Hyaluronic Acid Formulations. <i>Pharmaceutics</i> , 2022, 14, 1468.	2.0	3
515	Selective Ablation of BCL11A in Epidermal Keratinocytes Alters Skin Homeostasis and Accelerates Excisional Wound Healing In Vivo. <i>Cells</i> , 2022, 11, 2106.	1.8	2
516	Full Diabetic Foot Ulcer Healing and Pain Relief Based on Platelet-Rich-Plasma gel Formulation Treatment and the Involved Pathways. <i>International Journal of Lower Extremity Wounds</i> , 0, , 153473462211097.	0.6	1
517	Leading in Entrepreneurial Universities: Do Demographics Display Different Commitments?. <i>Frontiers in Education</i> , 0, 7, .	1.2	0
518	Planarâ€¦Curvilinearâ€¦Bioprinted Triâ€¦Cellâ€¦Laden Hydrogel for Healing Irregular Chronic Wounds. <i>Advanced Healthcare Materials</i> , 2022, 11, .	3.9	12
519	Antibacterial Sutures Coated with Smooth Chitosan Layer by Gradient Deposition. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2022, 40, 1050-1061.	2.0	2
520	Clinical and histopathological effects of ointment prepared from kombucha floating cellulose layer on wound healing and the activity of matrix metalloproteinase 1 in diabetic rats. <i>Research Results in Pharmacology</i> , 2022, 8, 9-18.	0.1	0
522	The patient behind the wound assessment and plan. <i>Journal of Wound Care</i> , 2022, 31, S30-S40.	0.5	0
523	Pluronic F127-liposome-encapsulated curcumin activates Nrf2/Keap1 signaling pathway to promote cell migration of HaCaT cells. <i>Molecular and Cellular Biochemistry</i> , 2023, 478, 241-247.	1.4	5
524	MicroRNA-466 and microRNA-200 increase endothelial permeability in hyperglycemia by targeting Claudin-5. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 29, 259-271.	2.3	7
525	In Vivo Visualization of Tattoo Particles Using Multiphoton Tomography and Fluorescence Lifetime Imaging. <i>Experimental Dermatology</i> , 0, , .	1.4	0
526	Prenylated Flavonoids in Topical Infections and Wound Healing. <i>Molecules</i> , 2022, 27, 4491.	1.7	16
527	Smartphone-based wound dressings: A mini-review. <i>Heliyon</i> , 2022, 8, e09876.	1.4	10
528	Recent advances in 3D printing for wound healing: A systematic review. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 74, 103564.	1.4	25
529	Chronic wounds. <i>Nature Reviews Disease Primers</i> , 2022, 8, .	18.1	153
530	Cell Secretome Strategies for Controlled Drug Delivery and Wound-Healing Applications. <i>Polymers</i> , 2022, 14, 2929.	2.0	8

#	ARTICLE	IF	CITATIONS
531	Dedifferentiated Schwann cell-derived TGF- β 3 is essential for the neural system to promote wound healing. <i>Theranostics</i> , 2022, 12, 5470-5487.	4.6	6
532	Epidermal Stem Cell in Wound Healing of <i>Gliricidia sepium</i> Leaves from Indonesia and the Philippines in Rats (<i>Rattus norvegicus</i>). <i>Open Access Macedonian Journal of Medical Sciences</i> , 2022, 10, 1143-1150.	0.1	0
533	Mechanomodulatory biomaterials prospects in scar prevention and treatment. <i>Acta Biomaterialia</i> , 2022, 150, 22-33.	4.1	15
534	Signaling Pathways Associated with Chronic Wound Progression: A Systems Biology Approach. <i>Antioxidants</i> , 2022, 11, 1506.	2.2	8
535	Platelet Derivatives and the Immunomodulation of Wound Healing. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8370.	1.8	21
536	Antibacterial and Angiogenic Poly(ionic liquid) Hydrogels. <i>Gels</i> , 2022, 8, 476.	2.1	4
537	Aligned electrospun poly(L-lactide) nanofibers facilitate wound healing by inhibiting macrophage M1 polarization via the JAK-STAT and NF- κ B pathways. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	21
538	Injectable Self-Healing Adhesive Chitosan Hydrogel with Antioxidative, Antibacterial, and Hemostatic Activities for Rapid Hemostasis and Skin Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 34455-34469.	4.0	118
539	Wound Healing Properties and Antimicrobial Effects of <i>Parkia clappertoniana</i> Keay Fruit Husk Extract in a Rat Excisional Wound Model. <i>BioMed Research International</i> , 2022, 2022, 1-18.	0.9	5
540	Promising Hydrogels-Based Dressings for Optimal Treatment of Cutaneous Lesions. , 0, , .		0
541	The importance of periwound skin in wound healing: an overview of the evidence. <i>Journal of Wound Care</i> , 2022, 31, 648-659.	0.5	3
542	Multifunctional fish gelatin hydrogel inverse opal films for wound healing. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	9
543	Emerging ROS-Modulating Technologies for Augmentation of the Wound Healing Process. <i>ACS Omega</i> , 2022, 7, 30657-30672.	1.6	33
544	A Comprehensive Review of Natural Compounds for Wound Healing: Targeting Bioactivity Perspective. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9573.	1.8	23
545	Generation of an Immortalized Human Adipose-Derived Mesenchymal Stromal Cell Line Suitable for Wound Healing Therapy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8925.	1.8	3
546	Gene therapy to enhance angiogenesis in chronic wounds. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 29, 871-899.	2.3	18
547	The photosensitizer-based therapies enhance the repairing of skin wounds. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	6
548	Nrf2 Mediated Heme Oxygenase-1 Activation Contributes to Diabetic Wound Healing – an Overview. <i>Drug Research</i> , 2022, 72, 487-495.	0.7	2

#	ARTICLE	IF	CITATIONS
549	Pooled human bone marrow-derived mesenchymal stromal cells with defined trophic factors cargo promote dermal wound healing in diabetic rats by improved vascularization and dynamic recruitment of M2-like macrophages. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	11
550	“Jianbing”-styling multifunctional electrospinning composite membranes for wound healing. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	2
551	A Trilayer Dressing with Self-Pumping and pH Monitoring Properties for Promoting Abdominal Wall Defect Repair. <i>Nanomaterials</i> , 2022, 12, 2802.	1.9	5
552	Enhanced In Vivo Wound Healing Efficacy of a Novel Hydrogel Loaded with Copper (II) Schiff Base Quinoline Complex (CuSQ) Solid Lipid Nanoparticles. <i>Pharmaceuticals</i> , 2022, 15, 978.	1.7	18
553	Landscape of the epigenetic regulation in wound healing. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	7
554	Kiwi extract-incorporated poly(ϵ -caprolactone)/cellulose acetate blend nanofibers for healing acceleration of burn wounds. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2023, 34, 72-88.	1.9	8
555	Cell death in skin function, inflammation, and disease. <i>Biochemical Journal</i> , 2022, 479, 1621-1651.	1.7	14
556	Innovative Treatment Strategies to Accelerate Wound Healing: Trajectory and Recent Advancements. <i>Cells</i> , 2022, 11, 2439.	1.8	57
557	Carrageenan-Based Compounds as Wound Healing Materials. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9117.	1.8	31
558	Recent Advances in Nano-Formulations for Skin Wound Repair Applications. <i>Drug Design, Development and Therapy</i> , 0, Volume 16, 2707-2728.	2.0	9
559	Glucocorticoid Dose Dependency on Gene Expression in Vocal Fold Fibroblasts and Macrophages. <i>Laryngoscope</i> , 2023, 133, 1169-1175.	1.1	5
560	Astragaloside IV attenuates high glucose-induced human keratinocytes injury via TGF- β 2/Smad signaling pathway. <i>Journal of Tissue Viability</i> , 2022, , .	0.9	1
561	Bioprinting: from Technique to Application in Tissue Engineering and Regenerative Medicine. <i>Current Molecular Medicine</i> , 2022, 23, .	0.6	2
562	Dihydromyricetin-Incorporated Multilayer Nanofibers Accelerate Chronic Wound Healing by Remodeling the Harsh Wound Microenvironment. <i>Advanced Fiber Materials</i> , 2022, 4, 1556-1571.	7.9	23
563	A dopamine-methacrylated hyaluronic acid hydrogel as an effective carrier for stem cells in skin regeneration therapy. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	13
564	Rational Design of Intelligent and Multifunctional Dressing to Promote Acute/Chronic Wound Healing. <i>ACS Applied Bio Materials</i> , 2022, 5, 4055-4085.	2.3	40
565	Oncofetal reprogramming in tumour development and progression. <i>Nature Reviews Cancer</i> , 2022, 22, 593-602.	12.8	22
566	Dextran-shelled oxygen-loaded nanodroplets modulate macrophages killing and inflammatory response to <i>Enterococcus faecalis</i> . <i>European Journal of Pharmacology</i> , 2022, 931, 175161.	1.7	1

#	ARTICLE	IF	CITATIONS
567	Cryopreserved allogeneic mesenchymal stem cells enhance wound repair in full thickness skin wound model and cattle clinical teat injuries. <i>Current Research in Translational Medicine</i> , 2022, 70, 103356.	1.2	4
568	Tissue regeneration effect of betulin via inhibition of ROS/MAPKs/NF- κ B axis using zebrafish model. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113420.	2.5	7
569	Random/aligned electrospun PCL fibrous matrices with modified surface textures: Characterization and interactions with dermal fibroblasts and keratinocytes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 218, 112724.	2.5	7
570	Adipose-derived stem cells-derived exosomes facilitate cutaneous wound healing by delivering XIST and restoring discoidin domain receptor 2. <i>Cytokine</i> , 2022, 158, 155981.	1.4	4
571	Catechol-chitosan/polyacrylamide hydrogel wound dressing for regulating local inflammation. <i>Materials Today Bio</i> , 2022, 16, 100392.	2.6	22
572	Giant-salamander-derived hydrogel granules with superior bioadhesive properties. <i>Matter</i> , 2022, 5, 2581-2584.	5.0	2
573	Similar collagen distribution in full-thickness skin grafts in intraperitoneal and onlay positions, an experimental mice-study. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2022, 26, 1695-1705.	0.9	2
574	Reforming the Barrier: The Role of Formins in Wound Repair. <i>Cells</i> , 2022, 11, 2779.	1.8	4
575	Autophagy Plays Multiple Roles in the Soft-Tissue Healing and Osseointegration in Dental Implant Surgery – A Narrative Review. <i>Materials</i> , 2022, 15, 6041.	1.3	1
576	Injectable protocatechuic acid based composite hydrogel with hemostatic and antioxidant properties for skin regeneration. <i>Materials and Design</i> , 2022, 222, 111109.	3.3	16
577	Antibacterial and antioxidant films based on HA/Gr/TA fabricated using electrospinning for wound healing. <i>International Journal of Pharmaceutics</i> , 2022, 626, 122139.	2.6	12
578	Bimetallic silver-platinum (AgPt) nanoparticles and chitosan fabricated cotton gauze for enhanced antimicrobial and wound healing applications. <i>International Journal of Biological Macromolecules</i> , 2022, 220, 1556-1569.	3.6	13
579	Multifunctional hydrogel based on dopamine-modified hyaluronic acid, gelatin and silver nanoparticles for promoting abdominal wall defect repair. <i>International Journal of Biological Macromolecules</i> , 2022, 222, 55-64.	3.6	10
580	A highly-stretchable and adhesive hydrogel for noninvasive joint wound closure driven by hydrogen bonds. <i>Chemical Engineering Journal</i> , 2023, 452, 139368.	6.6	41
581	Breathable, antifreezing, mechanically skin-like hydrogel textile wound dressings with dual antibacterial mechanisms. <i>Bioactive Materials</i> , 2023, 21, 313-323.	8.6	24
582	Wound Healing: An Orchestrated Process of Cell Cycle, Adhesion and Signaling. , 2022, , .		0
583	Scar Massage and Treatment. , 2022, , 81-98.		0
584	Skin biomechanics: a potential therapeutic intervention target to reduce scarring. <i>Burns and Trauma</i> , 2022, 10, .	2.3	13

#	ARTICLE	IF	CITATIONS
585	Systematically Assessing Natural Compounds's™ Wound Healing Potential with Spheroid and Scratch Assays. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 227-241.	0.8	1
586	Hybrid suture coating for dual-staged control over antibacterial actions to match well wound healing progression. <i>Materials Horizons</i> , 2022, 9, 2824-2834.	6.4	8
587	lncRNA MIAT accelerates keloid formation by miR-411-5p/JAG1 axis. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2022, , .	0.4	0
588	Nanomaterials to aid wound healing and infection control. , 2023, , 19-67.		3
589	Topical Administration of a Marine Oil Rich in Pro-Resolving Lipid Mediators Accelerates Wound Healing in Diabetic db/db Mice through Angiogenesis and Macrophage Polarization. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9918.	1.8	8
590	Medicinal Plants from Latin America with Wound Healing Activity: Ethnomedicine, Phytochemistry, Preclinical and Clinical Studies's™A Review. <i>Pharmaceuticals</i> , 2022, 15, 1095.	1.7	13
591	Myeloid Wls expression is dispensable for skin wound healing and blood vessel regeneration. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	1
592	Regenerative and anti-inflammatory effect of a novel bentonite complex on burn wounds. <i>Veterinary Medicine and Science</i> , 2022, 8, 2422-2433.	0.6	2
593	Severe Intermittent Hypoxia Modulates the Macrophage Phenotype and Impairs Wound Healing Through Downregulation of HIF-2±. <i>Nature and Science of Sleep</i> , 0, Volume 14, 1511-1520.	1.4	5
594	Decreased Glycolysis at Menstruation is Associated with Increased Menstrual Blood Loss. <i>Reproductive Sciences</i> , 2023, 30, 928-951.	1.1	6
595	Transformed extracellular vesicles with high angiogenic ability as therapeutics of distal ischemic tissues. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	0
596	Engineering Immunomodulatory Biomaterials to Drive Skin Wounds toward Regenerative Healing. <i>Cold Spring Harbor Perspectives in Biology</i> , 2023, 15, a041242.	2.3	3
597	Modification of the immune response by bacteriophages alters methicillin-resistant <i>Staphylococcus aureus</i> infection. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
598	Macrophage-specific inhibition of the histone demethylase JMJD3 decreases STING and pathologic inflammation in diabetic wound repair. , 2022, 19, 1251-1262.		19
599	Advances in non-invasive biosensing measures to monitor wound healing progression. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	3
600	Advanced oxidation protein products mediate human keratinocytes apoptosis by inducing cell autophagy through the mTOR's™Beclin's™1 pathway. <i>Cell Biochemistry and Function</i> , 2022, 40, 880-887.	1.4	2
601	Zerumbone-Loaded Nanostructured Lipid Carrier Gel Enhances Wound Healing in Diabetic Rats. <i>BioMed Research International</i> , 2022, 2022, 1-11.	0.9	4
602	Transforming Growth Factor-β² Receptor's™Mediated, p38 Mitogen-Activated Protein Kinase's™Dependent Signaling Drives Enhanced Myofibroblast Differentiation during Skin Wound Healing in Mice Lacking Hyaluronan Synthases 1 and 3. <i>American Journal of Pathology</i> , 2022, 192, 1683-1698.	1.9	3

#	ARTICLE	IF	CITATIONS
603	Systemic inflammatory response in rats with explosive wound. <i>Fundamental and Clinical Medicine</i> , 2022, 7, 8-16.	0.1	1
604	Elucidation of endothelial progenitor cell dysfunction in diabetes by RNA sequencing and constructing lncRNA-miRNA-mRNA competing endogenous RNA network. <i>Journal of Molecular Medicine</i> , 0, , .	1.7	2
606	Squid Suckerin-Spider Silk Fusion Protein Hydrogel for Delivery of Mesenchymal Stem Cell Secretome to Chronic Wounds. <i>Advanced Healthcare Materials</i> , 2023, 12, .	3.9	8
607	Promoting Re-epithelialization in an oxidative diabetic wound microenvironment using self-assembly of a ROS-responsive polymer and P311 peptide micelles. <i>Acta Biomaterialia</i> , 2022, 152, 425-439.	4.1	25
609	Immunomodulatory biomaterial-based wound dressings advance the healing of chronic wounds via regulating macrophage behavior. <i>International Journal of Energy Production and Management</i> , 2022, 9, .	1.9	13
610	Evolving spectrum of diabetic wound: Mechanistic insights and therapeutic targets. <i>World Journal of Diabetes</i> , 2022, 13, 696-716.	1.3	13
611	Characteristics of the Skin Microbiome in Selected Dermatological Conditions: A Narrative Review. <i>Life</i> , 2022, 12, 1420.	1.1	5
613	High Glucose Induces Late Differentiation and Death of Human Oral Keratinocytes. <i>Current Issues in Molecular Biology</i> , 2022, 44, 4015-4027.	1.0	1
614	Initial Steps towards Spatiotemporal Signaling through Biomaterials Using Click-to-Release Chemistry. <i>Pharmaceutics</i> , 2022, 14, 1991.	2.0	0
615	Revisão integrativa do uso do Óleo do pequi (<i>Caryocar brasiliense</i>) no processo de cicatrizaçãõ de feridas cutâneas em ratos. <i>Research, Society and Development</i> , 2022, 11, e245111234444.	0.0	0
616	Rapid Regeneration of a Neoaertery with Elastic Lamellae. <i>Advanced Materials</i> , 2022, 34, .	11.1	11
617	Future of Nanomedicine. , 2022, , 37-46.		0
619	Nanozymes for Regenerative Medicine. <i>Small Methods</i> , 2022, 6, .	4.6	37
620	<i>Prx1</i> ⁺ MPCs Accumulate in the Dura Mater of Wild-type and <i>p21</i> ⁺ Mice Followed by a Specific Reduction in <i>p21</i> ⁺ Dural MPCs. <i>Advanced Biology</i> , 0, , 2101304.	1.4	1
621	Topical administration of <i>Juglans regia</i> L. leaf extract accelerates diabetic wound healing. <i>BMC Complementary Medicine and Therapies</i> , 2022, 22, .	1.2	8
622	The potential of functionalized dressing releasing flavonoids facilitates scar-free healing. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	2
623	Key points for translating wound regenerative agents from in vivo assays in mice to clinical validation. <i>Cytotherapy</i> , 2022, 24, 1074-1086.	0.3	3
624	Cell-free immunomodulatory biomaterials mediated in situ periodontal multi-tissue regeneration and their immunopathophysiological processes. <i>Materials Today Bio</i> , 2022, 16, 100432.	2.6	5

#	ARTICLE	IF	CITATIONS
625	Microfluidic wound scratching platform based on an untethered microrobot with magnetic actuation. <i>Sensors and Actuators B: Chemical</i> , 2022, 373, 132643.	4.0	0
626	Evaluation of the topical healing ability of purified exopolysaccharides (EPSs) from <i>Enterococcus faecalis</i> on skin wounds in male albino mice. <i>AIP Conference Proceedings</i> , 2022, , .	0.3	1
627	The cellular landscape of the normal kidney allograft: Main players balancing the alloimmune response. , 0, 1, .		0
628	The role of cluster of differentiation 163-positive macrophages in wound healing: a preliminary study and a systematic review. <i>Archives of Dermatological Research</i> , 2023, 315, 359-370.	1.1	3
629	Advances in traditional Chinese medicine as adjuvant therapy for diabetic foot. <i>World Journal of Diabetes</i> , 0, 13, 851-860.	1.3	7
631	Autologous Bioactive Compound Concentrated Growth Factor Ameliorates Fistula Healing of Anal Fistula in a Pig Model and Promotes Proliferation and Migration of Human Skin Fibroblasts via Regulating the MEK/ERK Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-22.	1.9	1
632	P311 Promotes IL-4 Receptor-Mediated M2 Polarization of Macrophages to Enhance Angiogenesis for Efficient Skin Wound Healing. <i>Journal of Investigative Dermatology</i> , 2023, 143, 648-660.e6.	0.3	5
633	Emerging Effects of Resveratrol on Wound Healing: A Comprehensive Review. <i>Molecules</i> , 2022, 27, 6736.	1.7	6
634	Gelatin Microspheres Loaded with Wharton's Jelly Mesenchymal Stem Cells Promote Acute Full-Thickness Skin Wound Healing and Regeneration in Mice. <i>Advances in Wound Care</i> , 2023, 12, 371-386.	2.6	1
635	Partial healing effects of St. John's wort oil on the rat excisional wound model. <i>Marmara Medical Journal</i> , 0, , .	0.2	0
636	Polyphenol-mediated biomimetic mineralization of sacrificial metal-organic framework nanoparticles for wound healing. <i>Cell Reports Physical Science</i> , 2022, 3, 101103.	2.8	9
637	The GPI-Anchored Protein Thy-1/CD90 Promotes Wound Healing upon Injury to the Skin by Enhancing Skin Perfusion. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12539.	1.8	5
638	A Host-Directed Approach to the Detection of Infection in Hard-to-Heal Wounds. <i>Diagnostics</i> , 2022, 12, 2408.	1.3	1
639	Immunomodulatory Biomaterials and Emerging Analytical Techniques for Probing the Immune Micro-Environment. <i>Tissue Engineering and Regenerative Medicine</i> , 2023, 20, 11-24.	1.6	7
640	Wound healing effect of <i>Carum carvi</i> L. on the incised skin wound in male rats: Histopathology, total protein and biomechanical evaluations. <i>Veterinary Medicine and Science</i> , 2022, 8, 2726-2737.	0.6	3
641	Elastic Fibers/Fabrics for Wearables and Bioelectronics. <i>Advanced Science</i> , 2022, 9, .	5.6	19
642	Mechanotransduction in skin wound healing and scar formation: Potential therapeutic targets for controlling hypertrophic scarring. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	14
643	Self-assembling RADA16 peptide hydrogel supports hemostasis, synechia reduction, and wound healing in a sheep model of endoscopic nasal surgery. <i>Auris Nasus Larynx</i> , 2023, 50, 365-373.	0.5	5

#	ARTICLE	IF	CITATIONS
644	Exosomes derived from dental pulp stem cells accelerate cutaneous wound healing by enhancing angiogenesis via the Cdc42/p38 MAPK pathway. <i>International Journal of Molecular Medicine</i> , 2022, 50, .	1.8	11
645	MED1 Ablation Promotes Oral Mucosal Wound Healing via JNK Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13414.	1.8	4
646	<i>In vitro</i> models of soft tissue damage by implant-associated frictional shear stresses. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2023, 237, 1264-1271.	1.0	1
648	Photonic double-network hydrogel dressings for antibacterial phototherapy and inflammation regulation in the general management of cutaneous regeneration. <i>Nanoscale</i> , 2023, 15, 609-624.	2.8	1
649	The initiation of oxidative stress and therapeutic strategies in wound healing. <i>Biomedicine and Pharmacotherapy</i> , 2023, 157, 114004.	2.5	53
650	Topical Treatment of Second-Degree Burn Wounds with <i>Lactobacillus plantarum</i> Supernatant: Phase I Trial. <i>Iranian Journal of Pathology</i> , 2022, 17, 460-468.	0.2	2
651	Nanotechnological Interventions and Mechanistic Insights into Wound-Healing Events. , 0, , .		0
652	Renewable marine polysaccharides for microenvironment-responsive wound healing. <i>International Journal of Biological Macromolecules</i> , 2023, 225, 526-543.	3.6	9
653	Exosomal ncRNAs: The pivotal players in diabetic wound healing. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	6
654	Effective treatment of intractable diseases using nanoparticles to interfere with vascular supply and angiogenic process. <i>European Journal of Medical Research</i> , 2022, 27, .	0.9	8
655	PLGA/Gelatin/Hyaluronic Acid Fibrous Membrane Scaffold for Therapeutic Delivery of Adipose-Derived Stem Cells to Promote Wound Healing. <i>Biomedicines</i> , 2022, 10, 2902.	1.4	9
656	Macrophages in Skin Wounds: Functions and Therapeutic Potential. <i>Biomolecules</i> , 2022, 12, 1659.	1.8	16
657	Cell-derived nanovesicles from mesenchymal stem cells as extracellular vesicle-mimetics in wound healing. <i>Acta Pharmaceutica Sinica B</i> , 2023, 13, 1887-1902.	5.7	9
658	Extracellular vesicle: A magic lamp to treat skin aging, refractory wound, and pigmented dermatosis?. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	2
659	Bioengineering for vascularization: Trends and directions of photocrosslinkable gelatin methacrylate hydrogels. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	12
660	The evolution of wound dressings: From traditional to smart dressings. <i>Polymers for Advanced Technologies</i> , 2023, 34, 520-530.	1.6	22
661	Solid PRF Serves as Basis for Guided Open Wound Healing of the Ridge after Tooth Extraction by Accelerating the Wound Healing Time Course—A Prospective Parallel Arm Randomized Controlled Single Blind Trial. <i>Bioengineering</i> , 2022, 9, 661.	1.6	3
662	The Hippo signalling pathway and its implications in human health and diseases. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	73

#	ARTICLE	IF	CITATIONS
663	Contribution of fetal microchimeric cells to maternal wound healing in sickle cell ulcers. <i>Haematologica</i> , 0, , .	1.7	1
664	Chemical Composition of <i>Impatiens textori</i> Miq. Flower Absolute and Its Potential Wound Repair and Anti-Melanogenesis-Promoting Activities in Skin Cells. <i>Pharmaceuticals</i> , 2022, 15, 1397.	1.7	3
665	Investigating the effects of low intensity visible light on human keratinocytes using a customized LED exposure system. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
666	Vascularized polypeptide hydrogel modulates macrophage polarization for wound healing. <i>Acta Biomaterialia</i> , 2023, 155, 218-234.	4.1	16
667	Nerve growth factor and burn wound healing: Update of molecular interactions with skin cells. <i>Burns</i> , 2023, 49, 989-1002.	1.1	10
668	Treatment of skin defects with PRP enriched with hyaluronic acid – histological aspects in rat model. <i>Romanian Journal of Morphology and Embryology</i> , 2022, 63, 439-447.	0.4	0
669	Pulse Capacitive Coupling Electric Field Regulates Cell Migration, Proliferation, Polarization, and Vascularization to Accelerate Wound Healing. <i>Advances in Wound Care</i> , 2023, 12, 498-512.	2.6	2
670	Optimisation of <i>Calophyllum inophyllum</i> seed oil nanoemulsion as a potential wound healing agent. <i>BMC Complementary Medicine and Therapies</i> , 2022, 22, .	1.2	4
671	Single cell profiling of CD45+ spinal cord cells reveals microglial and B cell heterogeneity and crosstalk following spinal cord injury. <i>Journal of Neuroinflammation</i> , 2022, 19, .	3.1	3
672	The role of the immune microenvironment in bone, cartilage, and soft tissue regeneration: from mechanism to therapeutic opportunity. <i>Military Medical Research</i> , 2022, 9, .	1.9	22
673	Tocotrienol in the Treatment of Topical Wounds: Recent Updates. <i>Pharmaceutics</i> , 2022, 14, 2479.	2.0	0
674	Bio-inspired supramolecular metallopeptide hydrogel promotes recovery from cutaneous wound. <i>Chemical Engineering Journal</i> , 2023, 455, 140848.	6.6	5
675	Adenosine Receptor Ligands as Potential Therapeutic Agents for Impaired Wound Healing and Fibrosis. <i>Topics in Medicinal Chemistry</i> , 2022, , .	0.4	0
676	A multifunctional black phosphorus-based adhesive patch intrinsically induces partial EMT for effective burn wound healing. <i>Biomaterials Science</i> , 2022, 11, 235-247.	2.6	6
677	Novel ROS-scavenging hydrogel with enhanced anti-inflammation and angiogenic properties for promoting diabetic wound healing. , 2023, 144, 213226.		8
678	Sodium alginate hydrogel containing platelet-rich plasma for wound healing. <i>Colloids and Surfaces B: Biointerfaces</i> , 2023, 222, 113096.	2.5	67
679	Protocatechuic acid-mediated injectable antioxidant hydrogels facilitate wound healing. <i>Composites Part B: Engineering</i> , 2023, 250, 110451.	5.9	14
680	Treatment of experimentally induced partial-thickness burns in rats with different silver-impregnated dressings. <i>Acta Cirurgica Brasileira</i> , 2022, 37, .	0.3	2

#	ARTICLE	IF	CITATIONS
681	Puerarin improves diabetic wound healing via regulation of macrophage M2 polarization phenotype. Burns and Trauma, 2022, 10, .	2.3	7
682	<i>In situ</i> photo-crosslinked adhesive hydrogel loaded with mesenchymal stem cell-derived extracellular vesicles promotes diabetic wound healing. Journal of Materials Chemistry B, 2023, 11, 837-851.	2.9	12
683	Metastatic Skin Tumor with Epidermotropic Metastasis During Wound Healing After Skin Biopsy. Nishinihon Journal of Dermatology, 2022, 84, 438-442.	0.0	0
684	Skin Wound Healing: Of Players, Patterns, and Processes. European Surgical Research, 2023, 64, 141-157.	0.6	9
685	Phosphorylated chitosan accelerates dermal wound healing in diabetic wistar rats. Glycoconjugate Journal, 2023, 40, 19-31.	1.4	10
686	Cellular and Molecular Events of Wound Healing and the Potential of Silver Based Nanoformulations as Wound Healing Agents. Bioengineering, 2022, 9, 712.	1.6	8
687	Living Electrospun Short Fibrous Sponge via Engineered Nanofat for Wound Healing. Advanced Fiber Materials, 2023, 5, 979-993.	7.9	7
688	Cell-Based Drug Delivery Systems Participate in the Cancer Immunity Cycle for Improved Cancer Immunotherapy. Small, 2023, 19, .	5.2	10
689	Multifunctional 3D platforms for rapid hemostasis and wound healing: Structural and functional prospects at biointerfaces. International Journal of Bioprinting, 2022, 9, 648.	1.7	1
690	Schinus terebinthifolius Leaf Lectin (SteLL) Reduces the Bacterial and Inflammatory Burden of Wounds Infected by Staphylococcus aureus Promoting Skin Repair. Pharmaceuticals, 2022, 15, 1441.	1.7	1
691	Microenvironment-Based Diabetic Foot Ulcer Nanomedicine. Advanced Science, 2023, 10, .	5.6	51
693	Bioactive evaluation for wound healing of stem bark extracts of Acacia nilotica Linn. (Fabaceae). Journal of Pharmacognosy and Phytotherapy, 2022, 14, 20-26.	0.2	1
694	Wireless, closed-loop, smart bandage with integrated sensors and stimulators for advanced wound care and accelerated healing. Nature Biotechnology, 2023, 41, 652-662.	9.4	93
695	Bone marrow-derived vasculogenesis leads to scarless regeneration in deep wounds with periosteal defects. Scientific Reports, 2022, 12, .	1.6	0
696	Yara Poliklini'ine Ba'vuran Hastalar'ın Yara Takip Sonu'şlar'ın De'ğerlendirilmesi. , 0, , .		0
697	Role of fibroblast plasticity and heterogeneity in modulating angiogenesis and healing in the diabetic foot ulcer. Molecular Biology Reports, 2023, 50, 1913-1929.	1.0	4
698	Chitosan-graphene quantum dot based active film as smart wound dressing. Journal of Drug Delivery Science and Technology, 2023, 80, 104093.	1.4	2
699	Wound healing approach based on excretory-secretory product and lysate of liver flukes. Scientific Reports, 2022, 12, .	1.6	2

#	ARTICLE	IF	CITATIONS
700	GARP Regulates the Immune Capacity of a Human Autologous Platelet Concentrate. <i>Biomedicines</i> , 2022, 10, 3136.	1.4	1
701	<i>In Vitro</i> Activity of a Hypochlorous Acid-Generating Electrochemical Bandage against Yeast Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2023, 67, .	1.4	4
702	Nanomaterials and nanomaterials-based drug delivery to promote cutaneous wound healing. <i>Advanced Drug Delivery Reviews</i> , 2023, 193, 114670.	6.6	29
703	Growth differentiation factor 11: A proangiogenic drug as a potential antiaging regulating molecule. <i>Archives of Cardiovascular Diseases</i> , 2023, 116, 41-46.	0.7	1
704	Skin-Derived ABCB5+ Mesenchymal Stem Cells for High-Medical-Need Inflammatory Diseases: From Discovery to Entering Clinical Routine. <i>International Journal of Molecular Sciences</i> , 2023, 24, 66.	1.8	5
705	Glucose metabolism-inspired catalytic patches for NIR-II phototherapy of diabetic wound infection. <i>Acta Biomaterialia</i> , 2023, 157, 200-209.	4.1	20
706	Thalidomide Attenuates Skin Lesions and Inflammation in Rosacea-Like Mice Induced by Long-Term Exposure of LL-37. <i>Drug Design, Development and Therapy</i> , 0, Volume 16, 4127-4138.	2.0	3
707	Microparticles Decorated with Cell-Instructive Surface Chemistries Actively Promote Wound Healing. <i>Advanced Materials</i> , 0, , .	11.1	4
708	Metformin Improves Burn Wound Healing by Modulating Microenvironmental Fibroblasts and Macrophages. <i>Cells</i> , 2022, 11, 4094.	1.8	7
709	Plant-derived extracellular vesicles: Recent advancements and current challenges on their use for biomedical applications. <i>Journal of Extracellular Vesicles</i> , 2022, 11, .	5.5	36
711	A better roadmap for designing novel bioactive glasses: effective approaches for the development of innovative revolutionary bioglasses for future biomedical applications. <i>Environmental Science and Pollution Research</i> , 2023, 30, 116960-116983.	2.7	19
712	Real-Time Monitoring of Wound States via Rationally Engineered Biosensors. , 2024, 3, .		1
713	Regulatory Effects of Curcumin on Platelets: An Update and Future Directions. <i>Biomedicines</i> , 2022, 10, 3180.	1.4	4
714	Preliminary Study on Human Adipose Stem Cells Promoting Skin Wound Healing through Notch Signaling Pathway. <i>Current Stem Cell Research and Therapy</i> , 2023, 18, 699-711.	0.6	0
715	Advances in 3D skin bioprinting for wound healing and disease modeling. <i>International Journal of Energy Production and Management</i> , 2023, 10, .	1.9	9
716	Formulation, Characterization, and Evaluation of Wound Healing Potency of a Novel Mattan tailam Nanogel Based on a Famous Traditional Siddha Formula. <i>Avicenna Journal of Medical Biotechnology</i> , 0, , .	0.2	0
717	Convergence of Biofabrication Technologies and Cell Therapies for Wound Healing. <i>Pharmaceutics</i> , 2022, 14, 2749.	2.0	0
718	Polyhexanide-Releasing Membranes for Antimicrobial Wound Dressings: A Critical Review. <i>Membranes</i> , 2022, 12, 1281.	1.4	5

#	ARTICLE	IF	CITATIONS
719	Extracellular Matrix-Based Approaches in Cardiac Regeneration: Challenges and Opportunities. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15783.	1.8	3
720	Wound Healing Properties of Natural Products: Mechanisms of Action. <i>Molecules</i> , 2023, 28, 598.	1.7	19
721	Moist exposed burn ointment accelerates diabetes-related wound healing by promoting re-epithelialization. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	2
722	Expert guidance on prophylaxis and treatment of dermatologic adverse events with Tumor Treating Fields (TTFields) therapy in the thoracic region. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	5
723	Small extracellular vesicles from mesenchymal stem cells: A potential Weapon for chronic non-healing wound treatment. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	8
724	Wound healing and microbiome, an unexpected relationship. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2023, 37, 7-15.	1.3	20
725	Recombinant GM-CSF for diseases of GM-CSF insufficiency: Correcting dysfunctional mononuclear phagocyte disorders. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	5
726	Stability and biosafety of human epidermal stem cell for wound repair: preclinical evaluation. <i>Stem Cell Research and Therapy</i> , 2023, 14, .	2.4	1
727	Investigation of the Wetting Properties of Thalassemia Patients' Blood Samples on Grade 5 Titanium Implant Surfaces: A Pilot Study. <i>Biomimetics</i> , 2023, 8, 25.	1.5	7
728	<scp>Granulocyte-macrophage colony-stimulating</scp> factor: Conductor of the wound healing orchestra?. <i>International Wound Journal</i> , 2023, 20, 1229-1234.	1.3	4
729	Bioelectronic microfluidic wound healing: a platform for investigating direct current stimulation of injured cell collectives. <i>Lab on A Chip</i> , 2023, 23, 1531-1546.	3.1	10
730	PVA, licorice, and collagen (PLC) based hybrid bio-nano scaffold for wound healing application. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2023, 34, 1217-1236.	1.9	4
731	Biological properties and surgical applications of the human amniotic membrane. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	14
732	Revisiting the role of hyperbaric oxygen therapy in knee injuries: Potential benefits and mechanisms. <i>Journal of Cellular Physiology</i> , 2023, 238, 498-512.	2.0	2
733	Angiopoietin-1 derived peptide hydrogel promotes molecular hallmarks of regeneration and wound healing in dermal fibroblasts. <i>IScience</i> , 2023, 26, 105984.	1.9	3
734	Antimicrobial Peptide Pt5 Promotes Keratinocyte Migration and Proliferation via EGFR-mediated Akt/MAPK/STAT3 pathways. <i>ChemistrySelect</i> , 2023, 8, .	0.7	0
735	Ellagic Acid-Cyclodextrin Inclusion Complex-Loaded Thiolene Hydrogel with Antioxidant, Antibacterial, and Anti-inflammatory Properties for Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 4959-4972.	4.0	16
736	Nr4a1-dependent non-classical monocytes are important for macrophage-mediated wound healing in the large intestine. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	2

#	ARTICLE	IF	CITATIONS
737	Microenvironment-Adaptive Nanozyme for Accelerating Drug-Resistant Bacteria-Infected Wound Healing. <i>Advanced Healthcare Materials</i> , 2023, 12, .	3.9	4
738	Expression of PKM2 in wound keratinocytes is coupled to angiogenesis during skin repair in vivo and in HaCaT keratinocytes in vitro. <i>Journal of Molecular Medicine</i> , 2023, 101, 151-169.	1.7	2
739	Epigenetic regulation of macrophage polarization in wound healing. <i>Burns and Trauma</i> , 2023, 11, .	2.3	14
740	Basic fibroblast growth factor gel preparation induces angiogenesis during wound healing. <i>International Journal of Artificial Organs</i> , 2023, 46, 171-181.	0.7	0
741	Integrated network pharmacology and experimental validation to explore the mechanisms underlying naringenin treatment of chronic wounds. <i>Scientific Reports</i> , 2023, 13, .	1.6	5
742	Construction and function of robust and moist bilayer chitosan-based hydrogel wound dressing. <i>Materials and Design</i> , 2023, 226, 111604.	3.3	32
743	Xenogeneic mesenchymal stem cell biocurative improves skin wounds healing in diabetic mice by increasing mast cells and the regenerative profile. <i>Regenerative Therapy</i> , 2023, 22, 79-89.	1.4	2
744	Honey-Loaded Reinforced Film Based on Bacterial Nanocellulose/Gelatin/Guar Gum as an Effective Antibacterial Wound Dressing. <i>Journal of Biomedical Nanotechnology</i> , 2022, 18, 2010-2021.	0.5	5
745	Nanofibrous Wound Healing Nanocomposite Based on Alginate Scaffold: <i>In Vitro</i> and <i>In Vivo</i> Study. <i>Journal of Biomedical Nanotechnology</i> , 2022, 18, 2439-2445.	0.5	1
746	Design of Multi-Cell Cooperative Control Algorithm Based on Fuzzy Brain Emotional Learning. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 579.	1.3	0
747	Nanomaterials-Functionalized Hydrogels for the Treatment of Cutaneous Wounds. <i>International Journal of Molecular Sciences</i> , 2023, 24, 336.	1.8	1
748	A 3D printed hydrogel to promote human keratinocytes' spheroid-based growth. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2023, 111, 1089-1099.	1.6	1
749	Photo-crosslinked GelMA loaded with dental pulp stem cells and VEGF to repair critical-sized soft tissue defects in rats. <i>Journal of Stomatology, Oral and Maxillofacial Surgery</i> , 2023, 124, 101373.	0.5	2
750	Acute Inflammation in Tissue Healing. <i>International Journal of Molecular Sciences</i> , 2023, 24, 641.	1.8	15
751	Fabrication, Optimization, and Characterization of Antibacterial Electrospun Shellac Fibers Loaded with <i>Kaempferia parviflora</i> Extract. <i>Pharmaceutics</i> , 2023, 15, 123.	2.0	5
752	Efficacy of Graphene-Based Nanocomposite Gels as a Promising Wound Healing Biomaterial. <i>Gels</i> , 2023, 9, 22.	2.1	3
753	Histological Characteristics of Experimental Wounds of Soft Tissues of the Femur of Rats and the Role of IFN- γ in the Dynamics of their Healing. <i>Ukrainskij Zhurnal Medicini Biologicheskogo Ta Sportu</i> , 2022, 7, 182-187.	0.0	0
754	Bioceramic materials with ion-mediated multifunctionality for wound healing. , 2022, 1, .		20

#	ARTICLE	IF	CITATIONS
755	Effectiveness of negative pressure wound therapy on chronic wound healing: A systematic review and meta-analysis. <i>Belitung Nursing Journal</i> , 2022, 8, 470-480.	0.4	3
756	Construction of Smart Biomaterials for Promoting Diabetic Wound Healing. <i>Molecules</i> , 2023, 28, 1110.	1.7	12
757	Next-generation bandages to overcome oxygen limitation during wound healing/tissue repair. , 2023, , 331-357.		0
758	Single-cell analysis reveals melanocytes may promote inflammation in chronic wounds through cathepsin G. <i>Frontiers in Genetics</i> , 0, 14, .	1.1	1
759	Platelet-rich plasma, their growth factors, cytokines and clinical use. , 2023, , 265-314.		1
760	Role of Autologous Fat Transplantation Combined with Negative-Pressure Wound Therapy in Treating Rat Diabetic Wounds. <i>Plastic and Reconstructive Surgery</i> , 2023, 152, 561-570.	0.7	0
761	Immunomodulatory Effects of Cinnamaldehyde in <i>Staphylococcus aureus</i> -Infected Wounds. <i>Molecules</i> , 2023, 28, 1204.	1.7	1
762	Ir(III)-based Ratiometric Hypoxic Probe for Cell Imaging. <i>Chinese Journal of Polymer Science (English)</i> Tj ETQq1 1 0.784314 rgBT /Over	2.0	1
763	Nanoparticle and nanomaterial involvement during the wound healing process: an update in the field. <i>Journal of Nanoparticle Research</i> , 2023, 25, .	0.8	2
764	Effect of cold atmospheric microwave plasma (CAMP) on wound healing in canine keratinocytes. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	6
765	The Therapeutic Wound Healing Bioactivities of Various Medicinal Plants. <i>Life</i> , 2023, 13, 317.	1.1	14
766	Excess KLHL24 Impairs Skin Wound Healing through the Degradation of Vimentin. <i>Journal of Investigative Dermatology</i> , 2023, 143, 1289-1298.e15.	0.3	1
767	Role of enkephalin derivative in promoting wound healing and scar remodeling via increased epidermal growth factor in a mouse model. <i>Archives of Aesthetic Plastic Surgery</i> , 2023, 29, 1-7.	0.1	0
768	Scope of using hollow fibers as a medium for drug delivery. , 2023, , 169-213.		0
769	Immunological Perspectives Involved in Tissue Engineering. , 2023, , 37-55.		0
770	Role of <sc>HIF</sc> in pathogenic mechanisms of keloids. <i>Journal of Cosmetic Dermatology</i> , 2023, 22, 1436-1448.	0.8	3
771	The Role of Platelets in the Pathogenesis and Pathophysiology of Adenomyosis. <i>Journal of Clinical Medicine</i> , 2023, 12, 842.	1.0	2
772	Melanocortin therapies to resolve fibroblast-mediated diseases. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1

#	ARTICLE	IF	CITATIONS
773	Multi-layer-structured bioactive glass nanopowder for multistage-stimulated hemostasis and wound repair. <i>Bioactive Materials</i> , 2023, 25, 319-332.	8.6	19
774	The total iridoid glycoside extract of <i>Lamiophlomis rotata</i> Kudo induces M2 macrophage polarization to accelerate wound healing by RAS/ p38 MAPK/NF- κ B pathway. <i>Journal of Ethnopharmacology</i> , 2023, 307, 116193.	2.0	3
775	Nanoparticles as potential antimicrobial agents for enzyme immobilization in antimicrobial wound dressings. , 2023, , 43-60.		0
776	An Updated Review of Hypertrophic Scarring. <i>Cells</i> , 2023, 12, 678.	1.8	14
777	Nanomedicine hybrid and catechol functionalized chitosan as pH-responsive multi-function hydrogel to efficiently promote infection wound healing. <i>International Journal of Biological Macromolecules</i> , 2023, 238, 124106.	3.6	4
778	Peptide modulators of cell migration: Overview, applications and future development. <i>Drug Discovery Today</i> , 2023, 28, 103554.	3.2	2
779	Biopharmaceutical applications of microbial polysaccharides as materials: A Review. <i>International Journal of Biological Macromolecules</i> , 2023, 239, 124259.	3.6	11
780	Chronic poor healing wounds of post cesarean scar diverticulum: Altered angiogenesis and immunobiology. <i>Journal of Reproductive Immunology</i> , 2023, 157, 103929.	0.8	0
781	Transdermal drug delivery via microneedles to mediate wound microenvironment. <i>Advanced Drug Delivery Reviews</i> , 2023, 195, 114753.	6.6	22
782	Adipose-derived human mesenchymal stem cells seeded on denuded or stromal sides of the amniotic membrane improve angiogenesis and collagen remodeling and accelerate healing of the full-thickness wound. <i>Acta Histochemica</i> , 2023, 125, 152027.	0.9	1
783	A chitosan/fucoidan nanoparticle-loaded pullulan microneedle patch for differential drug release to promote wound healing. <i>Carbohydrate Polymers</i> , 2023, 306, 120593.	5.1	29
784	Functional carbohydrate-based hydrogels for diabetic wound therapy. <i>Carbohydrate Polymers</i> , 2023, 312, 120823.	5.1	10
786	Aloe vera and wound healing: a brief review. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 58, .	1.2	4
787	HPLC analysis and in vitro antioxidant mediated through cell migration effect of <i>C.hystrix</i> water extract on human keratinocytes and fibroblasts. <i>Heliyon</i> , 2023, 9, e13068.	1.4	3
788	3D Printing as a Technological Strategy for the Personalized Treatment of Wound Healing. <i>AAPS PharmSciTech</i> , 2023, 24, .	1.5	12
789	Targeting DNA methylation and demethylation in diabetic foot ulcers. <i>Journal of Advanced Research</i> , 2023, 54, 119-131.	4.4	5
790	Impact of Blue Light Therapy on Wound Healing in Preclinical and Clinical Subjects: A Systematic Review. <i>Journal of Lasers in Medical Sciences</i> , 2022, 13, e69.	0.4	2
791	3D co-culture of macrophages and fibroblasts in a sessile drop array for unveiling the role of macrophages in skin wound-healing. <i>Biosensors and Bioelectronics</i> , 2023, 225, 115111.	5.3	1

#	ARTICLE	IF	CITATIONS
792	Responsive multifunctional hydrogels emulating the chronic wounds healing cascade for skin repair. <i>Journal of Controlled Release</i> , 2023, 354, 821-834.	4.8	28
793	Effects of Intensive Glycemic Control on Serum Exosome miR-126-3p and miR-125b-1-3p Levels and Wound Healing in Patients with Diabetic Ulcers. <i>Evidence-based Complementary and Alternative Medicine</i> , 2023, 2023, 1-11.	0.5	0
794	UTP increases wound healing in the self assembled skin substitute (SASS). <i>Journal of Cell Communication and Signaling</i> , 2023, 17, 827-844.	1.8	2
795	Wound healing properties of a new formulated flavonoid-rich fraction from <i>Dodonaea viscosa</i> Jacq. leaves extract. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	7
797	Nanocellulose aerogels from banana pseudo-stem as a wound dressing. <i>Industrial Crops and Products</i> , 2023, 194, 116383.	2.5	9
798	Treatment of 52 patients with a self-adhesive siliconised superabsorbent dressing: a multicentre observational study. <i>Khirurgiya</i> , 2023, , 59.	0.0	0
799	Lamprey Wound Healing and Regenerative Effects: The Collaborative Efforts of Diverse Drivers. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3213.	1.8	1
800	Dose-Dependent Glucocorticoid Regulation of Transcription Factors in Vocal Fold Fibroblasts and Macrophages. <i>Laryngoscope</i> , 0, , .	1.1	0
801	The Use of Proteins, Lipids, and Carbohydrates in the Management of Wounds. <i>Molecules</i> , 2023, 28, 1580.	1.7	2
802	Preclinical Trial of <i>Ocotea puberula</i> (Rich.) Nees (‘Canela-Guaicã’) in Wound Healing: Validation of a Traditional Medicine Practice Used by Indigenous Groups in Southern Brazil. <i>Evidence-based Complementary and Alternative Medicine</i> , 2023, 2023, 1-8.	0.5	1
803	IL-13RA2 downregulation in fibroblasts promotes keloid fibrosis via JAK/STAT6 activation. <i>JCI Insight</i> , 2023, 8, .	2.3	9
804	Secretome of Adipose-Derived Stem Cells Cultured in Platelet Lysate Improves Migration and Viability of Keratinocytes. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3522.	1.8	1
805	Ischemic wound revascularization by the stromal vascular fraction relies on host-donor hybrid vessels. <i>Npj Regenerative Medicine</i> , 2023, 8, .	2.5	0
806	Sustained activation of NLRP3 inflammasome contributes to delayed wound healing in aged mice. <i>International Immunopharmacology</i> , 2023, 116, 109828.	1.7	3
807	Biomedical materials for wound dressing: recent advances and applications. <i>RSC Advances</i> , 2023, 13, 5509-5528.	1.7	55
808	The Effect of Platelet-Rich Plasma (PRP)-Incorporated Synthetic Coral Scaffold to the Cessation of Bleeding. , 2022, , 411-418.		0
809	Anti-inflammatory and wound healing properties of lactic acid bacteria and its peptides. <i>Folia Microbiologica</i> , 2023, 68, 337-353.	1.1	4
810	Dipotassium Glycyrrhizinate Improves Skin Wound Healing by Modulating Inflammatory Process. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3839.	1.8	2

#	ARTICLE	IF	CITATIONS
811	Centella asiatica and Its Metabolite Asiatic Acid: Wound Healing Effects and Therapeutic Potential. <i>Metabolites</i> , 2023, 13, 276.	1.3	13
812	Development of electrospun <i>Plectranthus amboinicus</i> loaded PCL polymeric nanofibrous scaffold for skin wound healing application: in-vitro and in-silico analysis. <i>Journal of Polymer Research</i> , 2023, 30, .	1.2	1
813	Ceria-Based Therapeutic Antioxidants for Biomedical Applications. <i>Advanced Materials</i> , 2024, 36, .	11.1	14
814	Physiopathology of Wound Healing in Central Nervous System. <i>Hacettepe University Journal of the Faculty of Pharmacy</i> , 0, , .	0.0	0
815	Emerging antibacterial nanozymes for wound healing. , 2023, 2, .		14
816	Combination of Biomaterials and Extracellular Vesicles from Mesenchymal Stem-Cells: New Therapeutic Strategies for Skin-Wound Healing. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 2702.	1.3	1
817	Platelets Facilitate Wound Healing by Mitochondrial Transfer and Reducing Oxidative Stress in Endothelial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2023, 2023, 1-23.	1.9	3
818	Extracellular Vesicle-Based Hydrogels for Wound Healing Applications. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4104.	1.8	8
819	The wound healing effect of botanicals and pure natural substances used in in vivo models. <i>Inflammopharmacology</i> , 2023, 31, 755-772.	1.9	9
820	Recent advances in decellularized biomaterials for wound healing. <i>Materials Today Bio</i> , 2023, 19, 100589.	2.6	17
821	Snake venom-defined fibrin architecture dictates fibroblast survival and differentiation. <i>Nature Communications</i> , 2023, 14, .	5.8	2
822	Why traditional herbal medicine promotes wound healing: Research from immune response, wound microbiome to controlled delivery. <i>Advanced Drug Delivery Reviews</i> , 2023, 195, 114764.	6.6	17
823	Multifunctional, Adhesive, and PDA-Coated Bioactive Glass Reinforced Composite Hydrogel for Regenerative Wound Healing. <i>ACS Biomaterials Science and Engineering</i> , 2023, 9, 1520-1540.	2.6	4
824	The impact of Allgower-Donati suture pattern and postoperative sweet foods on wound suture breakage in experimental rats. <i>Heliyon</i> , 2023, 9, e13934.	1.4	0
825	Nurses' wound care competency in a sample of hospitals in Northern Vietnam. <i>British Journal of Nursing</i> , 2023, 32, S10-S20.	0.3	0
826	Flavonoids as Potential Wound-Healing Molecules: Emphasis on Pathways Perspective. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4607.	1.8	36
827	Exploring Iberian Peninsula Lamiaceae as Potential Therapeutic Approaches in Wound Healing. <i>Pharmaceuticals</i> , 2023, 16, 347.	1.7	2
828	Modulation of Macrophage Function by Bioactive Wound Dressings with an Emphasis on Extracellular Matrix-Based Scaffolds and Nanofibrous Composites. <i>Pharmaceutics</i> , 2023, 15, 794.	2.0	3

#	ARTICLE	IF	CITATIONS
829	Current Advances in Wound Healing and Regenerative Medicine. <i>Current Stem Cell Research and Therapy</i> , 2024, 19, 277-291.	0.6	1
830	Low Baseline Expression of Fibrotic Genes in an Ex Vivo Human Skin Model is a Potential Indicator of Excessive Skin Scarring. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2022, 10, e4626.	0.3	1
831	Human umbilical cord mesenchymal stem cell-derived exosomes promote murine skin wound healing by neutrophil and macrophage modulations revealed by single-cell RNA sequencing. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	4
832	Exploring the antimicrobial features of biomaterials for biomedical applications. <i>Results in Engineering</i> , 2023, 17, 100979.	2.2	6
833	Enhancing the Antioxidant, Antibacterial, and Wound Healing Effects of <i>Melaleuca alternifolia</i> Oil by Microencapsulating It in Chitosan-Sodium Alginate Microspheres. <i>Nutrients</i> , 2023, 15, 1319.	1.7	1
834	Development of Neuropeptide Hemokinin-1 Analogues with Antimicrobial and Wound-Healing Activity. <i>Journal of Medicinal Chemistry</i> , 2023, 66, 6617-6630.	2.9	4
835	Efficient scarless skin regeneration enabled by loading micronized amnion in a bioinspired adhesive wound dressing. <i>Aggregate</i> , 2023, 4, .	5.2	3
837	The Molecular Basis of the Anti-Inflammatory Property of Astragaloside IV for the Treatment of Diabetes and Its Complications. <i>Drug Design, Development and Therapy</i> , 0, Volume 17, 771-790.	2.0	4
838	Therapeutic Approach of Whole-Body Vibration Exercise on Wound Healing in Animal Models: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 4925.	1.2	1
839	Comparison of the Effect of Different Conditioning Media on the Angiogenic Potential of Hypoxia Preconditioned Blood-Derived Secretomes: Towards Engineering Next-Generation Autologous Growth Factor Cocktails. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5485.	1.8	1
840	Smart microneedle patches for wound healing and management. <i>Journal of Materials Chemistry B</i> , 2023, 11, 2830-2851.	2.9	12
841	Silk Fibroin and Sericin Differentially Potentiate the Paracrine and Regenerative Functions of Stem Cells Through Multiomics Analysis. <i>Advanced Materials</i> , 2023, 35, .	11.1	14
842	Role of Innate Immune Cells in Chronic Diabetic Wounds. <i>Journal of the Indian Institute of Science</i> , 0, , .	0.9	0
843	MAPKs in the early steps of senescence implemEMTation. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	1
844	Mesenchymal Stem Cell Culture within Perfusion Bioreactors Incorporating 3D-Printed Scaffolds Enables Improved Extracellular Vesicle Yield with Preserved Bioactivity. <i>Advanced Healthcare Materials</i> , 2023, 12, .	3.9	6
845	Congenital insensitivity to pain associated with PRDM12 mutation: Two case reports and a literature review. <i>Frontiers in Genetics</i> , 0, 14, .	1.1	1
846	Assessment of the immune status of women after ablative fractional laser photothermolysis procedure for the correct of involuntional facial skin changes. , 2023, 22, 41-50.	0.0	0
847	Development and Characterization of Hydroxyethyl Cellulose-Based Gels Containing Lactobacilli Strains: Evaluation of Antimicrobial Effects in In Vitro and Ex Vivo Models. <i>Pharmaceutics</i> , 2023, 16, 468.	1.7	1

#	ARTICLE	IF	CITATIONS
848	Various types of adenomyosis and endometriosis: in search of optimal management. <i>Fertility and Sterility</i> , 2023, 119, 711-726.	0.5	7
849	dCas9-Based PDGFR ^{Î²} Activation ADSCs Accelerate Wound Healing in Diabetic Mice through Angiogenesis and ECM Remodeling. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5949.	1.8	3
850	Alpha-ketoglutaric acid based polymeric particles for cutaneous wound healing. <i>Journal of Biomedical Materials Research - Part A</i> , 2023, 111, 1372-1378.	2.1	2
851	In Situ Sprayed Difunctional Gel Avoiding Microenvironments Limitations to Treat Pressure Ulcers. <i>Macromolecular Bioscience</i> , 2023, 23, .	2.1	2
852	Effects of Autologous Concentrated Growth Factor on Wound Healing in Rats Contaminated with Human Feces by Activating PI3K/AKT and MEK/ERK Pathways. <i>Journal of Biomedical Nanotechnology</i> , 2022, 18, 2534-2546.	0.5	1
853	Decellularized Tissue-Induced Cellular Recruitment for Tissue Engineering and Regenerative Medicine. <i>Annals of Biomedical Engineering</i> , 0, , .	1.3	1
854	Evaluation of Wound Healing Parameters and Antibacterial Effect of Jojoba and Citrullus colocynthis Oils in Staphylococcus Wound Infection Induced in Mice. <i>Journal of Pure and Applied Microbiology</i> , 0, , .	0.3	2
855	Antioxidant Biomaterials in Cutaneous Wound Healing and Tissue Regeneration: A Critical Review. <i>Antioxidants</i> , 2023, 12, 787.	2.2	15
856	Natural polymers used in the dressing materials for wound healing: Past, present and future. <i>Journal of Polymer Science</i> , 2023, 61, 1389-1414.	2.0	17
857	Molecular hydrogen promotes wound healing by inducing early epidermal stem cell proliferation and extracellular matrix deposition. <i>Inflammation and Regeneration</i> , 2023, 43, .	1.5	7
858	Gelatin-based hydrogel functionalized with taurine moieties for in vivo skin tissue regeneration. <i>Bio-Design and Manufacturing</i> , 2023, 6, 284-297.	3.9	5
859	The Potential of Topical Therapy for Diabetic Wounds: A Narrative Review. <i>Cureus</i> , 2023, , .	0.2	0
860	Human In Vitro Skin Models for Wound Healing and Wound Healing Disorders. <i>Biomedicines</i> , 2023, 11, 1056.	1.4	11
861	Investigation of the In Vitro Effect of Leptin on Wound Healing through Growth Factors. <i>MuÄŸla SÄ±tkÄ± KoÅŸman Ä¼niversitesi TÄ±p Dergisi</i> , 0, , .	0.2	0
862	Cytotoxicity Test of Active Compounds Natural Ingredients of Snail Mucus (<i>Achatina fulica</i>) Against BHK-21 Fibroblast Cells. <i>Biomedical and Pharmacology Journal</i> , 2023, 16, 371-387.	0.2	1
863	Mesenchymal Stem Cell Aggregation-Released Extracellular Vesicles Induce CD31 ⁺ EMCN ⁺ Vessels in Skin Regeneration and Improve Diabetic Wound Healing. <i>Advanced Healthcare Materials</i> , 2023, 12, .	3.9	6
864	Skin Care for the Extremely Low-Birthweight Infant. <i>NeoReviews</i> , 2023, 24, e229-e242.	0.4	1
865	Anti-Î²7 integrin treatment impedes the recruitment on non-classical monocytes to the gut and delays macrophage-mediated intestinal wound healing. <i>Clinical and Translational Medicine</i> , 2023, 13, .	1.7	2

#	ARTICLE	IF	CITATIONS
866	How the mechanobiology orchestrates the iterative and reciprocal ECM-cell cross-talk that drives microtissue growth. <i>Science Advances</i> , 2023, 9, .	4.7	3
867	Role of <i>Lactiplantibacillus plantarum</i> UBLP-40, <i>Lactobacillus rhamnosus</i> UBLR-58 and <i>Bifidobacterium longum</i> UBBL-64 in the Wound Healing Process of the Excisional Skin. <i>Nutrients</i> , 2023, 15, 1822.	1.7	3
868	Improved Wound Healing and Skin Regeneration Ability of 3,2- α -Dihydroxyflavone-Treated Mesenchymal Stem Cell-Derived Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6964.	1.8	2
869	Wound Dressing Modifications for Accelerated Healing of Infected Wounds. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7193.	1.8	9
870	MicroRNAs expressed during normal wound healing and their associated pathways: A systematic review and bioinformatics analysis. <i>PLoS ONE</i> , 2023, 18, e0281913.	1.1	1
871	Reactive Oxygen Species-Scavenging Nanosystems in the Treatment of Diabetic Wounds. <i>Advanced Healthcare Materials</i> , 2023, 12, .	3.9	23
872	Structural and biofunctional evaluation of decellularized jellyfish matrices. <i>Journal of Materials Chemistry B</i> , 2023, 11, 3740-3751.	2.9	1
873	The Role of Physical Therapies in Wound Healing and Assisted Scarring. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7487.	1.8	10
874	Point of care approaches to 3D bioprinting for wound healing applications. <i>Progress in Biomedical Engineering</i> , 2023, 5, 023002.	2.8	3
875	Living Chinese Herbal Scaffolds from Microfluidic Bioprinting for Wound Healing. <i>Research</i> , 2023, 6, .	2.8	7
895	Digital Holographic Microscopy to Assess Cell Behavior. <i>Methods in Molecular Biology</i> , 2023, , 247-266.	0.4	0
898	When plasma jet-treated virgin coconut oil (VCO), is it accelerate for acute wound healing?. <i>AIP Conference Proceedings</i> , 2023, , .	0.3	0
904	Bacterial Cellulose as Potential Dressing and Scaffold Material: Toward Improving the Antibacterial and Cell Adhesion Properties. <i>Journal of Polymers and the Environment</i> , 2023, 31, 4621-4640.	2.4	4
918	Lignin and Its Composites for Wound Dressing. , 2023, , 203-222.		0
933	Periodic mesoporous organosilica-based nanocomposite hydrogels for biomedical applications. , 2023, , 199-213.		0
937	The meaning of adaptation in aging: insights from cellular senescence, epigenetic clocks and stem cell alterations. <i>Nature Aging</i> , 2023, 3, 766-775.	5.3	11
943	A review of past promises, present realities and a vibrant future for wound dressing from naturally occurring to sustainable materials. , 2023, 1, 763-787.		2
965	Immunomodulatory Nanosystems: Advanced Delivery Tools for Treating Chronic Wounds. <i>Research</i> , 2023, 6, .	2.8	22

#	ARTICLE	IF	CITATIONS
976	Wound healing strategies based on nanoparticles incorporated in hydrogel wound patches. RSC Advances, 2023, 13, 21345-21364.	1.7	8
979	A review on advanced nanoengineered biomaterials for chronic wound healing. Proceedings of the Indian National Science Academy, 0, , .	0.5	0
988	Cell-Derived Materials for Wound Healing. , 2023, , 1-22.		0
993	Plastic and Reconstructive Surgery. , 2023, , 627-656.		0
1013	Tissue Regeneration Processing and Mimicking. Pancreatic Islet Biology, 2023, , 31-72.	0.1	0
1020	Editorial: Role of stem cell derivatives in inflammatory diseases. Frontiers in Immunology, 0, 14, .	2.2	0
1035	Applications of drug delivery systems, organic, and inorganic nanomaterials in wound healing. , 2023, 18, .		0
1059	Synthesis and characterization of nanoherbal formulations for topical wound healing applications. , 2023, , 255-278.		0
1060	Sustainable Design of Natural and Synthetic Biomaterials for Wound Healing Applications. , 2023, , 357-394.		0
1071	Exploitation property of silver nanoparticles in diabetic wound healing. AIP Conference Proceedings, 2023, , .	0.3	0
1074	The mechanisms of exosomes in diabetic foot ulcers healing: a detailed review. Journal of Molecular Medicine, 2023, 101, 1209-1228.	1.7	0
1093	An overview of wound healing: wound types and current therapeutics. , 2023, , 29-56.		0
1094	Nanotechnology-based therapeutics to combat biofilms and antibacterial resistance in chronic wound infections. , 2023, , 175-206.		0
1128	Functionalised biomaterials as synthetic extracellular matrices to promote vascularisation and healing of diabetic wounds. Cell and Tissue Research, 2024, 395, 133-145.	1.5	0
1131	Natural Hydrogels as Wound Dressing for Skin Wound-Healing Applications. , 2023, , 439-469.		0
1149	Invited Commentary: Management of Hypergranulation Requires a Multimodal Approach. World Journal of Surgery, 2023, 47, 3105-3106.	0.8	0
1157	A Novel Comprehensive Therapeutic Approach to the Challenges of Chronic Wounds: A Brief Review and Clinical Experience Report. Advances in Therapy, 0, , .	1.3	0
1184	Insights into optimizing exosome therapies for acute skin wound healing and other tissue repair. Frontiers of Medicine, 0, , .	1.5	1

#	ARTICLE	IF	CITATIONS
1187	A critical overview of challenging roles of medicinal plants in improvement of wound healing technology. DARU, Journal of Pharmaceutical Sciences, 0, , .	0.9	0
1194	Evaluating the Recommended Indications of HBOT. , 2023, , 43-120.		0
1212	3D printing technologies for skin wound healing applications. , 2024, , 177-214.		0
1213	A review: polysaccharide-based hydrogels and their biomedical applications. Polymer Bulletin, 0, , .	1.7	1
1225	Aetiology, Classification and Advocating for a Holistic, Multidisciplinary Approach. , 2023, , 11-19.		0
1256	Epigenetic integration of signaling from the regenerative environment. Current Topics in Developmental Biology, 2024, , .	1.0	0
1294	The Development of Artificial Saliva with Oral Wound Healing Property. Advances in Science and Technology, 0, , .	0.2	0