

Oxidative stress in normal and impaired wound repair

Pharmacological Research

58, 165-171

DOI: [10.1016/j.phrs.2008.06.004](https://doi.org/10.1016/j.phrs.2008.06.004)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Antioxidant Principles of <i>Tanacetum vulgare</i> L. Aerial Parts. <i>Natural Product Communications</i> , 2009, 4, 1934578X0900401.	0.2	23
2	Human synthetic lethal inference as potential anti-cancer target gene detection. <i>BMC Systems Biology</i> , 2009, 3, 116.	3.0	45
3	Reactive oxygen and nitrogen species induce protein and DNA modifications driving arthrofibrosis following total knee arthroplasty. <i>Fibrogenesis and Tissue Repair</i> , 2009, 2, 5.	3.4	68
4	Translational Mini-Review Series on Immunology of Vascular Disease: Mechanisms of vascular inflammation and remodelling in systemic vasculitis. <i>Clinical and Experimental Immunology</i> , 2009, 156, 395-404.	1.1	48
5	Wound healing in zebrafish. <i>Nature</i> , 2009, 459, 921-923.	13.7	39
6	Aldose reductase inhibitor counteracts the attenuated adhesion of human corneal epithelial cells induced by high glucose through modulation of MMP-10 expression. <i>Diabetes Research and Clinical Practice</i> , 2009, 86, 16-23.	1.1	11
7	Ibuprofen-arginine generates nitric oxide and has enhanced anti-inflammatory effects. <i>Pharmacological Research</i> , 2009, 60, 221-228.	3.1	31
8	Wound repair at a glance. <i>Journal of Cell Science</i> , 2009, 122, 3209-3213.	1.2	613
9	Secondary oxidants in human serum exposed to singlet oxygen: the influence of hemolysis. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 1476.	1.6	15
10	Haptoglobin preserves the CD163 hemoglobin scavenger pathway by shielding hemoglobin from peroxidative modification. <i>Blood</i> , 2009, 113, 2578-2586.	0.6	169
11	Peroxynitrite- An ugly biofactor?. <i>BioFactors</i> , 2010, 36, 264-273.	2.6	45
12	Mesenchymal stem cells' interaction with skin: Wound-healing effect on fibroblast cells and skin tissue. <i>Wound Repair and Regeneration</i> , 2010, 18, 655-661.	1.5	102
13	Cell resilience in species life spans: a link to inflammation?. <i>Aging Cell</i> , 2010, 9, 519-526.	3.0	39
14	Mechanisms of oxidant generation by catalase. <i>Annals of the New York Academy of Sciences</i> , 2010, 1203, 120-125.	1.8	97
15	Antioxidants Protect Keratinocytes against <i>M. ulcerans</i> Mycolactone Cytotoxicity. <i>PLoS ONE</i> , 2010, 5, e13839.	1.1	20
16	<i>In vivo</i> antifungal effect of <i>Combretum</i> and <i>Terminalia</i> species extracts on cutaneous wound healing in immunosuppressed rats. <i>Pharmaceutical Biology</i> , 2010, 48, 621-632.	1.3	40
17	Effect of Dietary Conjugated Linoleic Acid Supplementation on Early Inflammatory Responses during Cutaneous Wound Healing. <i>Mediators of Inflammation</i> , 2010, 2010, 1-8.	1.4	29
18	Hypoxia Impairs Skin Myofibroblast Differentiation and Function. <i>Journal of Investigative Dermatology</i> , 2010, 130, 2818-2827.	0.3	74

#	ARTICLE	IF	CITATIONS
19	Vitiligo: Pathogenetic Hypotheses and Targets for Current Therapies. <i>Current Drug Metabolism</i> , 2010, 11, 451-467.	0.7	80
20	A Novel Class of Compounds with Cutaneous Wound Healing Properties. <i>Journal of Biomedical Nanotechnology</i> , 2010, 6, 605-611.	0.5	46
21	Comparison of the effect of topical and systemic melatonin administration on delayed wound healing in rats that underwent pinealectomy. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2010, 70, 447-452.	0.6	34
22	Wound healing in the 21st century. <i>Journal of the American Academy of Dermatology</i> , 2010, 63, 866-881.	0.6	292
23	Solar radiation induced skin damage: Review of protective and preventive options. <i>International Journal of Radiation Biology</i> , 2010, 86, 999-1030.	1.0	94
24	Antioxidant Therapies for Wound Healing: A Clinical Guide to Currently Commercially Available Products. <i>Skin Pharmacology and Physiology</i> , 2011, 24, 113-126.	1.1	173
25	Granulation tissue formation and remodeling. <i>Endodontic Topics</i> , 2011, 24, 94-129.	0.5	51
26	Does Chemotherapy-Induced Oxidative Stress Improve the Survival Rates of Breast Cancer Patients?. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 903-909.	2.5	17
27	Up-Regulation of A1M/ α 1-Microglobulin in Skin by Heme and Reactive Oxygen Species Gives Protection from Oxidative Damage. <i>PLoS ONE</i> , 2011, 6, e27505.	1.1	50
28	Serum resistance to singlet oxygen in patients with diabetes mellitus in comparison to healthy donors. <i>Metabolism: Clinical and Experimental</i> , 2011, 60, 1340-1348.	1.5	6
29	Oenothein B's contribution to the anti-inflammatory and antioxidant activity of <i>Epilobium</i> sp. <i>Phytomedicine</i> , 2011, 18, 557-560.	2.3	97
30	Short term supplementation of dietary antioxidants selectively regulates the inflammatory responses during early cutaneous wound healing in diabetic mice. <i>Nutrition and Metabolism</i> , 2011, 8, 80.	1.3	37
31	Pullulan Hydrogels Improve Mesenchymal Stem Cell Delivery into High Oxidative Stress Wounds. <i>Macromolecular Bioscience</i> , 2011, 11, 1458-1466.	2.1	88
32	Oral administration of marine collagen peptides from Chum Salmon skin enhances cutaneous wound healing and angiogenesis in rats. <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, n/a-n/a.	1.7	59
33	Assessment of decellularized porcine diaphragm conjugated with gold nanomaterials as a tissue scaffold for wound healing. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 99A, 426-434.	2.1	37
34	Non-thermal dielectric barrier discharge plasma induces angiogenesis through reactive oxygen species. , 2011, 2011, 2447-50.		4
35	14S,21R-Dihydroxydocosahexaenoic Acid Remedies Impaired Healing and Mesenchymal Stem Cell Functions in Diabetic Wounds. <i>Journal of Biological Chemistry</i> , 2011, 286, 4443-4453.	1.6	57
36	Modulation of the Wound Healing Response Through Oxidation Active Materials. , 2012, , 161-192.		4

#	ARTICLE	IF	CITATIONS
37	UV Light Mediated Inhibition of Skin Catalase Activity Promotes Gr-1+CD11b+ Myeloid Cell Expansion. <i>Journal of Investigative Dermatology</i> , 2012, 132, 695-702.	0.3	39
38	Non-thermal dielectric barrier discharge plasma induces angiogenesis through reactive oxygen species. <i>Journal of the Royal Society Interface</i> , 2012, 9, 147-157.	1.5	164
39	Expression of Reactive Oxygen Species during Wound Healing of Vocal Folds in a Rat Model. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2012, 121, 804-810.	0.6	27
40	Research progress in the radioprotective effect of superoxide dismutase. <i>Drug Discoveries and Therapeutics</i> , 2012, , .	0.6	9
41	RAE-1 ligands for the NKG2D receptor are regulated by E2F transcription factors, which control cell cycle entry. <i>Journal of Experimental Medicine</i> , 2012, 209, 2409-2422.	4.2	101
42	Identification of UV-protective Activators of Nuclear Factor Erythroid-derived 2-Related Factor 2 (Nrf2) by Combining a Chemical Library Screen with Computer-based Virtual Screening. <i>Journal of Biological Chemistry</i> , 2012, 287, 33001-33013.	1.6	25
43	Calorie Restriction with a High-Fat Diet Effectively Attenuated Inflammatory Response and Oxidative Stress-Related Markers in Obese Tissues of the High Diet Fed Rats. <i>Mediators of Inflammation</i> , 2012, 2012, 1-11.	1.4	61
44	Physiology and Pathophysiology of Wound Healing in Diabetes. , 2012, , 127-149.		5
45	Effects of Hydrogen Peroxide on Wound Healing in Mice in Relation to Oxidative Damage. <i>PLoS ONE</i> , 2012, 7, e49215.	1.1	153
46	Cytokines, chemokines and growth factors in wound healing. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2012, 26, 812-820.	1.3	320
47	Influence of decellularized matrix derived from human mesenchymal stem cells on their proliferation, migration and multi-lineage differentiation potential. <i>Biomaterials</i> , 2012, 33, 4480-4489.	5.7	162
48	Emerging topics in cutaneous wound repair. <i>Annals of the New York Academy of Sciences</i> , 2012, 1259, 136-144.	1.8	27
49	The role of oxygen-associated therapies for the healing of chronic wounds, particularly in patients with diabetes. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2013, 27, 411-418.	1.3	14
50	PDGF supplementation alters oxidative events in wound healing process: a time course study. <i>Archives of Dermatological Research</i> , 2013, 305, 415-422.	1.1	23
51	A chitosan-glutathione based injectable hydrogel for suppression of oxidative stress damage in cardiomyocytes. <i>Biomaterials</i> , 2013, 34, 9071-9081.	5.7	134
52	Tissue damage in organic rainbow trout muscle investigated by proteomics and bioinformatics. <i>Proteomics</i> , 2013, 13, 2180-2190.	1.3	0
53	Adult Stem Cells in Small Animal Wound Healing Models. <i>Methods in Molecular Biology</i> , 2013, 1037, 81-98.	0.4	9
54	<i>Eleutherine indica</i> L. accelerates in vivo cutaneous wound healing by stimulating Smad-mediated collagen production. <i>Journal of Ethnopharmacology</i> , 2013, 146, 490-494.	2.0	30

#	ARTICLE	IF	CITATIONS
55	Effects of cerium oxide nanoparticles on the growth of keratinocytes, fibroblasts and vascular endothelial cells in cutaneous wound healing. <i>Biomaterials</i> , 2013, 34, 2194-2201.	5.7	301
56	Wound healing effect of flavonoid rich fraction and luteolin isolated from <i>Martynia annua</i> Linn. on streptozotocin induced diabetic rats. <i>Asian Pacific Journal of Tropical Medicine</i> , 2013, 6, 253-259.	0.4	110
57	Reactive Oxygen Species in Physiologic and Pathologic Angiogenesis. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , 2013, , 71-92.	0.7	1
59	Thymosin β 4-sulfoxide attenuates inflammatory cell infiltration and promotes cardiac wound healing. <i>Nature Communications</i> , 2013, 4, 2081.	5.8	66
60	Influence of non-thermal atmospheric pressure plasma on cellular structures and processes in human keratinocytes (HaCaT). <i>Journal of Dermatological Science</i> , 2013, 70, 173-181.	1.0	65
61	An antioxidant regenerating system for continuous quenching of free radicals in chronic wounds. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 83, 396-404.	2.0	40
62	FOXO1 promotes wound healing through the up-regulation of TGF- β 1 and prevention of oxidative stress. <i>Journal of Cell Biology</i> , 2013, 203, 327-343.	2.3	142
63	Elevated red cell distribution width is associated with delayed postoperative recovery after correction of Tetralogy of Fallot. <i>Annals of Pediatric Cardiology</i> , 2013, 6, 121.	0.2	9
64	Effects of L-Carnosine and Its Zinc Complex (Polaprezinc) on Pressure Ulcer Healing. <i>Nutrition in Clinical Practice</i> , 2013, 28, 609-616.	1.1	19
65	Accelerated Wound Closure in a Diabetic Mouse Model After Exposure to Phenanthrenequinone. <i>Annals of Plastic Surgery</i> , 2013, 70, 720-725.	0.5	0
66	Extremely low frequency electromagnetic field and wound healing: implication of cytokines as biological mediators. <i>European Cytokine Network</i> , 2013, 24, 1-10.	1.1	86
67	Comparison of Biological Effects on Human Keratinocytes Using Different Plasma Treatment Regimes. <i>Plasma Medicine</i> , 2013, 3, 57-69.	0.2	12
68	Nonthermal Plasma Increases Expression of Wound Healing Related Genes in a Keratinocyte Cell Line. <i>Plasma Medicine</i> , 2013, 3, 125-136.	0.2	53
69	A Novel Model of Chronic Wounds: Importance of Redox Imbalance and Biofilm-Forming Bacteria for Establishment of Chronicity. <i>PLoS ONE</i> , 2014, 9, e109848.	1.1	76
70	FOXO1, TGF- β 2 Regulation and Wound Healing. <i>International Journal of Molecular Sciences</i> , 2014, 15, 16257-16269.	1.8	91
71	Activity of mesenchymal stem cells in therapies for chronic skin wound healing. <i>Organogenesis</i> , 2014, 10, 29-37.	0.4	145
72	Regulation of Wound Healing and Fibrosis by Hypoxia and Hypoxia-Inducible Factor-1. <i>Molecules and Cells</i> , 2014, 37, 637-643.	1.0	164
73	<i>Ixora coccinea</i> Enhances Cutaneous Wound Healing by Upregulating the Expression of Collagen and Basic Fibroblast Growth Factor. <i>ISRN Pharmacology</i> , 2014, 2014, 1-9.	1.6	31

#	ARTICLE	IF	CITATIONS
74	Effects of perioperative hypothermia and reactive oxygen species in the healing of colonic anastomosis in rats. <i>Acta Cirurgica Brasileira</i> , 2014, 29, 742-747.	0.3	5
75	Mechanisms of Systemic Wound Response in <i>Drosophila</i> . <i>Current Topics in Developmental Biology</i> , 2014, 108, 153-183.	1.0	25
76	Effect of astaxanthin on vocal fold wound healing. <i>Laryngoscope</i> , 2014, 124, E1-7.	1.1	35
77	Generating and Reversing Chronic Wounds in Diabetic Mice by Manipulating Wound Redox Parameters. <i>Journal of Diabetes Research</i> , 2014, 2014, 1-18.	1.0	105
78	Effects of wound dressing materials in combination with hyperbaric oxygen on chronic wound healing. <i>Gulhane Medical Journal</i> , 2014, 56, 164.	0.1	0
79	Transcriptional control of skin reepithelialization. <i>Journal of Dermatological Science</i> , 2014, 73, 3-9.	1.0	31
80	Topical application of the synthetic triterpenoid RTA 408 activates Nrf2 and induces cytoprotective genes in rat skin. <i>Archives of Dermatological Research</i> , 2014, 306, 447-454.	1.1	44
81	Hydrogen Peroxide as a Damage Signal in Tissue Injury and Inflammation: Murderer, Mediator, or Messenger?. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 427-435.	1.2	171
82	In vitro fibroblast growth stimulatory and in vivo wound healing activity of <i>Cleome viscosa</i> . <i>Oriental Pharmacy and Experimental Medicine</i> , 2014, 14, 269-278.	1.2	3
83	Beneficial effect of the antioxidant riboflavin on gene expression of extracellular matrix elements, antioxidants and oxidases in keratoconic stromal cells. <i>Australasian journal of optometry</i> , The, 2014, 97, 349-355.	0.6	18
84	Flavonoids promoting HaCaT migration: I. Hologram quantitative structure-activity relationships. <i>Phytomedicine</i> , 2014, 21, 560-569.	2.3	8
85	Focal Controlled Drug Delivery. <i>Advances in Delivery Science and Technology</i> , 2014, , .	0.4	25
86	Association of Heme Oxygenase 1 with the Restoration of Liver Function after Damage in Murine Malaria by <i>Plasmodium yoelii</i> . <i>Infection and Immunity</i> , 2014, 82, 3113-3126.	1.0	16
87	The effect of low-level laser therapy on the healing of hard palate mucosa and the oxidative stress status of rats. <i>Journal of Oral Pathology and Medicine</i> , 2014, 43, 103-110.	1.4	24
88	Skin, Reactive Oxygen Species, and Circadian Clocks. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 2982-2996.	2.5	53
89	Single cell gene expression analysis in injury-induced collective cell migration. <i>Integrative Biology (United Kingdom)</i> , 2014, 6, 192-202.	0.6	28
90	A Thermoresponsive Biodegradable Polymer with Intrinsic Antioxidant Properties. <i>Biomacromolecules</i> , 2014, 15, 3942-3952.	2.6	95
91	Layered silicate clay functionalized with amino acids: wound healing application. <i>RSC Advances</i> , 2014, 4, 35332-35343.	1.7	42

#	ARTICLE	IF	CITATIONS
92	Iontophoresis with gold nanoparticles improves mitochondrial activity and oxidative stress markers of burn wounds. <i>Materials Science and Engineering C</i> , 2014, 44, 380-385.	3.8	37
93	Extracellular glutathione promotes migration of hydrogen peroxide-stressed cultured chick embryonic skin cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2014, 50, 350-357.	0.7	1
94	Atmospheric pressure plasma jet treatment evokes transient oxidative stress in HaCaT keratinocytes and influences cell physiology. <i>Cell Biology International</i> , 2014, 38, 412-425.	1.4	78
95	Flavonoids promoting HaCaT migration: II. Molecular mechanism of 4 ⁺ ,6,7-trimethoxyisoflavone via NOX2 activation. <i>Phytomedicine</i> , 2014, 21, 570-577.	2.3	16
96	Impaired Skin Barrier Function in Mice with Colon Carcinoma Induced by Azoxymethane and Dextran Sodium Sulfate. <i>Biological and Pharmaceutical Bulletin</i> , 2015, 38, 947-950.	0.6	20
97	Adipose-derived stem cells and keratinocytes in a chronic wound cell culture model: the role of hydroxyectoine. <i>International Wound Journal</i> , 2015, 12, 387-396.	1.3	9
98	Activation and regulation of the granulation tissue derived cells with stemness-related properties. <i>Stem Cell Research and Therapy</i> , 2015, 6, 85.	2.4	12
99	The hormesis effect of plasma-elevated intracellular ROS on HaCaT cells. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 495401.	1.3	16
100	Phenolic antioxidants and their role in quenching of reactive molecular species in the human skin injury. <i>Lipid Technology</i> , 2015, 27, 36-39.	0.3	3
101	Prediction of healing progress of pressure ulcers by distribution analysis of protein markers on necrotic tissue: A retrospective cohort study. <i>Wound Repair and Regeneration</i> , 2015, 23, 772-777.	1.5	3
102	Mesenchymal stem cell-based therapy for nonhealing wounds: today and tomorrow. <i>Wound Repair and Regeneration</i> , 2015, 23, 465-482.	1.5	39
103	Effects of <i>Pistacia atlantica</i> (subsp. <i>Mutica</i>) oil extracts on antioxidant activities during experimentally induced cutaneous wound healing in rats. <i>Veterinary Science Development</i> , 2015, 5, .	0.0	5
104	The effects of topical melatonin on oxidative stress, apoptosis signals, and p53 protein expression during cutaneous wound healing. <i>Turkish Journal of Biology</i> , 2015, 39, 888-895.	2.1	5
105	Mechanical Stress Changes the Complex Interplay Between HO-1, Inflammation and Fibrosis, During Excisional Wound Repair. <i>Frontiers in Medicine</i> , 2015, 2, 86.	1.2	16
106	Proteomic Changes of Tissue-Tolerable Plasma Treated Airway Epithelial Cells and Their Relation to Wound Healing. <i>BioMed Research International</i> , 2015, 2015, 1-17.	0.9	38
107	Xanthine Oxidoreductase Function Contributes to Normal Wound Healing. <i>Molecular Medicine</i> , 2015, 21, 313-322.	1.9	19
108	Preliminary evaluation of <i>Diopatra neapolitana</i> regenerative capacity as a biomarker for paracetamol exposure. <i>Environmental Science and Pollution Research</i> , 2015, 22, 13382-13392.	2.7	23
109	Evaluation of characteristics and in vitro antioxidant properties of RSV loaded hyaluronic acid-DPPC microparticles as a wound healing system. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 126, 50-57.	2.5	45

#	ARTICLE	IF	CITATIONS
110	Transdermal deferoxamine prevents pressure-induced diabetic ulcers. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 94-99.	3.3	160
111	Development of lamellar gel phase emulsion containing marigold oil (<i>Calendula officinalis</i>) as a potential modern wound dressing. European Journal of Pharmaceutical Sciences, 2015, 71, 62-72.	1.9	37
112	Roles of Antioxidative Enzymes in Wound Healing. Journal of Developmental Biology, 2015, 3, 57-70.	0.9	159
113	Development of a Novel Formulation with Hypericin To Treat Cutaneous Leishmaniasis Based on Photodynamic Therapy in <i>In Vitro</i> and <i>In Vivo</i> Studies. Antimicrobial Agents and Chemotherapy, 2015, 59, 5804-5813.	1.4	51
114	In Vivo Assessment of Protease Dynamics in Cutaneous Wound Healing by Degradomics Analysis of Porcine Wound Exudates. Molecular and Cellular Proteomics, 2015, 14, 354-370.	2.5	48
115	Polyphenols rich fraction of <i>Dicranopteris linearis</i> promotes fibroblast cell migration and proliferation in vitro. Journal of Ethnopharmacology, 2015, 168, 305-314.	2.0	27
116	Phototherapy improves wound healing in rats subjected to high-fat diet. Lasers in Medical Science, 2015, 30, 1481-1488.	1.0	8
117	Controlled release of an extract of <i>Calendula officinalis</i> flowers from a system based on the incorporation of gelatin-collagen microparticles into collagen I scaffolds: design and in vitro performance. Drug Delivery and Translational Research, 2015, 5, 209-218.	3.0	23
118	Nrf2 is a regulator of keratinocyte redox signaling. Free Radical Biology and Medicine, 2015, 88, 243-252.	1.3	143
119	Immediate breastfeeding and skin-to-skin contact during cesarean section decreases maternal oxidative stress, a prospective randomized case-controlled study. Journal of Maternal-Fetal and Neonatal Medicine, 2015, 29, 1-6.	0.7	10
120	Soluble Factors Released by Endogenous Viable Cells Enhance the Antioxidant and Chemoattractive Activities of Cryopreserved Amniotic Membrane. Advances in Wound Care, 2015, 4, 329-338.	2.6	37
122	Chronic wound repair and healing in older adults: Current status and future research. Wound Repair and Regeneration, 2015, 23, 1-13.	1.5	150
123	Wound healing activity of a collagen-derived cryptic peptide. Amino Acids, 2015, 47, 317-328.	1.2	41
124	A bioactive molecule in a complex wound healing process: platelet-derived growth factor. International Journal of Dermatology, 2015, 54, 972-977.	0.5	33
125	The Role of the Reactive Oxygen Species and Oxidative Stress in the Pathomechanism of the Age-Related Ocular Diseases and Other Pathologies of the Anterior and Posterior Eye Segments in Adults. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-23.	1.9	976
126	Elevated H ₂ O ₂ levels in trinitrobenzene sulfate-induced colitis rats contributes to visceral hyperalgesia through interaction with the transient receptor potential ankyrin 1 cation channel. Journal of Gastroenterology and Hepatology (Australia), 2016, 31, 1147-1153.	1.4	17
127	Thermosensitive Polypeptide Hydrogels as a Platform for ROS-Triggered Cargo Release with Innate Cytoprotective Ability under Oxidative Stress. Advanced Healthcare Materials, 2016, 5, 1979-1990.	3.9	68
128	Extracellular superoxide dismutase deficiency impairs wound healing in advanced age by reducing neovascularization and fibroblast function. Experimental Dermatology, 2016, 25, 206-211.	1.4	33

#	ARTICLE	IF	CITATIONS
129	Plasma Oxidative Stress in Patients With Chronic Vascular Cutaneous Ulcers. <i>The Journal of the American College of Clinical Wound Specialists</i> , 2016, 8, 16-20.	0.1	0
130	Anti-inflammatory and burn injury wound healing properties of the shell of <i>Haliotis diversicolor</i> . <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 487.	3.7	23
131	Olive oil-induced reduction of oxidative damage and inflammation promotes wound healing of pressure ulcers in mice. <i>Journal of Dermatological Science</i> , 2016, 83, 60-69.	1.0	75
132	Transition from inflammation to proliferation: a critical step during wound healing. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3861-3885.	2.4	987
133	Drug loaded composite oxidized pectin and gelatin networks for accelerated wound healing. <i>International Journal of Pharmaceutics</i> , 2016, 505, 234-245.	2.6	55
134	Selective inhibition of COX-2 improves cutaneous wound healing of pressure ulcers in mice through reduction of iNOS expression. <i>Life Sciences</i> , 2016, 153, 82-92.	2.0	57
135	NADPH oxidase 4 deficiency leads to impaired wound repair and reduced dityrosine-crosslinking, but does not affect myofibroblast formation. <i>Free Radical Biology and Medicine</i> , 2016, 96, 374-384.	1.3	36
136	Sustained release of stromal cell derived factor-1 from an antioxidant thermoresponsive hydrogel enhances dermal wound healing in diabetes. <i>Journal of Controlled Release</i> , 2016, 238, 114-122.	4.8	105
137	Myeloid Cells in Cutaneous Wound Repair. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	12
138	Diabetic wound regeneration using peptide-modified hydrogels to target re-epithelialization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5792-E5801.	3.3	108
139	Tobacco toxins deposited on surfaces (third hand smoke) impair wound healing. <i>Clinical Science</i> , 2016, 130, 1269-1284.	1.8	36
140	Anticoagulation for Hypercoagulable Patients Associated with Complications after Large Cranioplasty Reconstruction. <i>Plastic and Reconstructive Surgery</i> , 2016, 137, 595-607.	0.7	6
141	Low levels of glutathione are sufficient for survival of keratinocytes after UV irradiation and for healing of mouse skin wounds. <i>Archives of Dermatological Research</i> , 2016, 308, 443-448.	1.1	7
142	Complex coordinated extracellular metabolism: Acid phosphatases activate diluted human leukocyte proteins to generate energy flow as NADPH from purine nucleotide ribose. <i>Redox Biology</i> , 2016, 8, 271-284.	3.9	3
143	Reactive Oxygen Species (ROS) Responsive Polymers for Biomedical Applications. <i>Macromolecular Bioscience</i> , 2016, 16, 635-646.	2.1	282
144	A deficiency in cold-inducible RNA-binding protein accelerates the inflammation phase and improves wound healing. <i>International Journal of Molecular Medicine</i> , 2016, 37, 423-428.	1.8	23
145	Influence of Birch Bark Triterpenes on Keratinocytes and Fibroblasts from Diabetic and Nondiabetic Donors. <i>Journal of Natural Products</i> , 2016, 79, 1112-1123.	1.5	15
146	Wound Healing: An Orchestrated Process of Cell Cycle, Adhesion, and Signaling. , 2016, , 216-222.		2

#	ARTICLE	IF	CITATIONS
147	Modulation of ROS levels in fibroblasts by altering mitochondria regulates the process of wound healing. Archives of Dermatological Research, 2016, 308, 239-248.	1.1	30
148	The repetitive use of non-thermal dielectric barrier discharge plasma boosts cutaneous microcirculatory effects. Microvascular Research, 2016, 106, 8-13.	1.1	64
149	Potential roles of suppressor of cytokine signaling in wound healing. Regenerative Medicine, 2016, 11, 193-209.	0.8	28
150	Mesenchymal stem cells and cutaneous wound healing: novel methods to increase cell delivery and therapeutic efficacy. Stem Cell Research and Therapy, 2016, 7, 37.	2.4	296
151	Porous polymer scaffold for on-site delivery of stem cells " Protects from oxidative stress and potentiates wound tissue repair. Biomaterials, 2016, 77, 1-13.	5.7	76
152	Controlled delivery systems for tissue repair and regeneration. Journal of Drug Delivery Science and Technology, 2016, 32, 206-228.	1.4	23
153	Antioxidative Potential of the Polyphenolics of <i>Stephania japonica</i> var. Discolor (Blume) Forman: A Chromatographic (High-Performance Liquid Chromatography) and Spectrophotometric Measure. International Journal of Food Properties, 2016, 19, 911-928.	1.3	11
154	Reactive oxygen species (ROS) and wound healing: the functional role of ROS and emerging ROS-modulating technologies for augmentation of the healing process. International Wound Journal, 2017, 14, 89-96.	1.3	726
155	Treatment by Therapeutic Magnetic Resonance (TMR, Φ) increases fibroblastic activity and keratinocyte differentiation in an <i>in vitro</i> model of 3D artificial skin. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1332-1342.	1.3	15
156	Gamma-tocopherol supplementation ameliorated hyper-inflammatory response during the early cutaneous wound healing in alloxan-induced diabetic mice. Experimental Biology and Medicine, 2017, 242, 505-515.	1.1	25
157	Identification of Extracellular Matrix Components and Biological Factors in Micronized Dehydrated Human Amnion/Chorion Membrane. Advances in Wound Care, 2017, 6, 43-53.	2.6	78
158	Early induction of NRF2 antioxidant pathway by RHBDF2 mediates rapid cutaneous wound healing. Experimental and Molecular Pathology, 2017, 102, 337-346.	0.9	14
159	Pathogenese von Wundheilungsstörungen bei Älteren Patienten. JDDG - Journal of the German Society of Dermatology, 2017, 15, 255-278.	0.4	5
160	Remifentanyl reduced the effects of hydrogen peroxide-induced oxidative stress in human keratinocytes via autophagy. Connective Tissue Research, 2017, 58, 597-605.	1.1	12
161	Pathogenesis of wound healing disorders in the elderly. JDDG - Journal of the German Society of Dermatology, 2017, 15, 255-275.	0.4	50
162	Electrochemistry for bio-device molecular communication: The potential to characterize, analyze and actuate biological systems. Nano Communication Networks, 2017, 11, 76-89.	1.6	15
163	Hydrogen Peroxide: A Potential Wound Therapeutic Target. Medical Principles and Practice, 2017, 26, 301-308.	1.1	92
164	Cap-n-Collar Promotes Tissue Regeneration by Regulating ROS and JNK Signaling in the <i>Drosophila melanogaster</i> Wing Imaginal Disc. Genetics, 2017, 206, 1505-1520.	1.2	38

#	ARTICLE	IF	CITATIONS
165	Wound healing effects of collagen-laminin dermal matrix impregnated with resveratrol loaded hyaluronic acid-DPPC microparticles in diabetic rats. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 119, 17-27.	2.0	59
166	On the use of ion-crosslinked nanocellulose hydrogels for wound healing solutions: Physicochemical properties and application-oriented biocompatibility studies. <i>Carbohydrate Polymers</i> , 2017, 174, 299-308.	5.1	112
167	Platelet-rich plasma with keratinocytes and fibroblasts enhance healing of full-thickness wounds. <i>Journal of Tissue Viability</i> , 2017, 26, 208-215.	0.9	39
168	<i>In situ</i> forming hydrogels with long-lasting miR-21 enhances the therapeutic potential of MSC by sustaining stimulation of target gene. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 1639-1650.	1.9	8
169	Mechanisms underlying the wound healing potential of propolis based on its <i>in vitro</i> antioxidant activity. <i>Phytomedicine</i> , 2017, 34, 76-84.	2.3	49
170	Fluorinated methacrylamide chitosan sequesters reactive oxygen species to relieve oxidative stress while delivering oxygen. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2368-2374.	2.1	16
171	Catechol Redox Reaction: Reactive Oxygen Species Generation, Regulation, and Biomedical Applications. <i>ACS Symposium Series</i> , 2017, , 179-196.	0.5	13
172	Tridimensional configurations of human mesenchymal stem/stromal cells to enhance cell paracrine potential towards wound healing processes. <i>Journal of Biotechnology</i> , 2017, 262, 28-39.	1.9	44
173	Activities of MSCs Derived from Transgenic Mice Seeded on ADM Scaffolds in Wound Healing and Assessment by Advanced Optical Techniques. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 623-639.	1.1	26
174	Albumin-natural rubber latex composite as a dermal wound dressing. <i>Materials Today: Proceedings</i> , 2017, 4, 6633-6640.	0.9	8
175	Redox Signaling in Diabetic Wound Healing Regulates Extracellular Matrix Deposition. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 823-838.	2.5	144
176	Fabrication of biopolymer based nanocomposite wound dressing: evaluation of wound healing properties and wound microbial load. <i>IET Nanobiotechnology</i> , 2017, 11, 517-522.	1.9	12
177	The use of an antioxidant dressing on hard-to-heal wounds: a multicentre, prospective case series. <i>Journal of Wound Care</i> , 2017, 26, 742-750.	0.5	14
179	The role of resveratrol on full thickness uterine wound healing in rats. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2017, 56, 657-663.	0.5	15
180	Carbon nanodot impregnated fluorescent nanofibers for <i>in vivo</i> monitoring and accelerating full-thickness wound healing. <i>Journal of Materials Chemistry B</i> , 2017, 5, 6645-6656.	2.9	27
181	Drug-Porous Silicon Dual Luminescent System for Monitoring and Inhibition of Wound Infection. <i>ACS Nano</i> , 2017, 11, 7938-7949.	7.3	62
182	Skin changes in streptozotocin-induced diabetic rats. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 1154-1161.	1.0	38
183	Influence of gold nanoparticles on wound healing treatment in rat model: Photobiomodulation therapy. <i>Lasers in Surgery and Medicine</i> , 2017, 49, 380-386.	1.1	65

#	ARTICLE	IF	CITATIONS
184	Myeloid Cells in Cutaneous Wound Repair. , 2017, , 385-403.		0
185	Reactive Oxygen Species and NOX Enzymes Are Emerging as Key Players in Cutaneous Wound Repair. International Journal of Molecular Sciences, 2017, 18, 2149.	1.8	88
186	Identification of Trombospondin-1 as a Novel Amelogenin Interactor by Functional Proteomics. Frontiers in Chemistry, 2017, 5, 74.	1.8	2
187	Propofol protects human keratinocytes from oxidative stress via autophagy expression. Journal of Dental Anesthesia and Pain Medicine, 2017, 17, 21.	0.4	5
188	Potential Therapeutic Benefits of Green and Fermented Rooibos (Aspalathus linearis) in Dermal Wound Healing. Planta Medica, 2018, 84, 645-652.	0.7	14
189	The contribution of $\hat{\pm}$ -dicarbonyl compound dependent radical formation to the antiseptic effect of honey. Journal of Functional Foods, 2018, 45, 239-246.	1.6	6
190	Acid- and Redox-Responsive Smart Polymeric Nanomaterials for Controlled Drug Delivery. Nanomedicine and Nanotoxicology, 2018, , 115-154.	0.1	1
191	In Vivo Self-Assembly Nanotechnology for Biomedical Applications. Nanomedicine and Nanotoxicology, 2018, , .	0.1	1
192	Topical application of Hydroxysafflor Yellow A accelerates the wound healing in streptozotocin induced T1DM rats. European Journal of Pharmacology, 2018, 823, 72-78.	1.7	22
193	Comparing two different plasma devices kINPen and Adtec SteriPlas regarding their molecular and cellular effects on wound healing. Clinical Plasma Medicine, 2018, 9, 24-33.	3.2	52
194	Curcumin-Incorporated Polymeric Scaffolds and Their Potential for the Detection of Radical Molecules. Macromolecular Research, 2018, 26, 145-150.	1.0	0
195	Histopathological and Inflammatory Features of Chronically Discharging Open Mastoid Cavities. JAMA Otolaryngology - Head and Neck Surgery, 2018, 144, 211.	1.2	4
196	Engineering Bioinspired Antioxidant Materials Promoting Cardiomyocyte Functionality and Maturation for Tissue Engineering Application. ACS Applied Materials & Interfaces, 2018, 10, 3260-3273.	4.0	68
197	Silver oxysalts promote cutaneous wound healing independent of infection. Wound Repair and Regeneration, 2018, 26, 144-152.	1.5	21
198	Xanthine Oxidoreductase: A Novel Therapeutic Target for the Treatment of Chronic Wounds?. Advances in Wound Care, 2018, 7, 95-104.	2.6	19
199	Ceria nanocrystals decorated mesoporous silica nanoparticle based ROS-scavenging tissue adhesive for highly efficient regenerative wound healing. Biomaterials, 2018, 151, 66-77.	5.7	235
200	Cold atmospheric plasma (CAP) activates angiogenesis-related molecules in skin keratinocytes, fibroblasts and endothelial cells and improves wound angiogenesis in an autocrine and paracrine mode. Journal of Dermatological Science, 2018, 89, 181-190.	1.0	98
201	Alpha tocopherol loaded chitosan oleate nanoemulsions for wound healing. Evaluation on cell lines and ex vivo human biopsies, and stabilization in spray dried Trojan microparticles. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 123, 31-41.	2.0	57

#	ARTICLE	IF	CITATIONS
202	The role of TGF β 2 in wound healing pathologies. Mechanisms of Ageing and Development, 2018, 172, 51-58.	2.2	89
203	Fabrication of Oxygen Releasing Scaffold by Embedding H ₂ O ₂ -PLGA Microspheres into Alginate-Based Hydrogel Sponge and Its Application for Wound Healing. Applied Sciences (Switzerland), 2018, 8, 1492.	1.3	29
204	Redox for Repair: Cold Physical Plasmas and Nrf2 Signaling Promoting Wound Healing. Antioxidants, 2018, 7, 146.	2.2	44
205	Bee venom improves diabetic wound healing by protecting functional macrophages from apoptosis and enhancing Nrf2, Ang-1 and Tie-2 signaling. Molecular Immunology, 2018, 103, 322-335.	1.0	45
206	Gelatins from Liza aurata skin: Structural characterization, in vitro and in vivo validation of acceleration epithelialization and cyto-protective effects. Polymer Testing, 2018, 71, 272-284.	2.3	5
207	Physiology and Pathophysiology of Wound Healing in Diabetes. Contemporary Diabetes, 2018, , 109-130.	0.0	1
208	Tocopherol-loaded transfersomes: In vitro antioxidant activity and efficacy in skin regeneration. International Journal of Pharmaceutics, 2018, 551, 34-41.	2.6	79
209	Pore Diameter of Mesoporous Silica Modulates Oxidation of H ₂ O ₂ -Sensing Chromophore in a Porous Matrix. Langmuir, 2018, 34, 11242-11252.	1.6	6
210	Alterations in amino acid metabolism during growth by <i>Staphylococcus aureus</i> following exposure to H ₂ O ₂ – A multifactorial approach. Heliyon, 2018, 4, e00620.	1.4	10
211	Wound Healing and Omega-6 Fatty Acids: From Inflammation to Repair. Mediators of Inflammation, 2018, 2018, 1-17.	1.4	68
212	Cannabidiol restores differentiation capacity of LPS exposed adipose tissue mesenchymal stromal cells. Experimental Cell Research, 2018, 370, 653-662.	1.2	23
213	Targeting Oxidative Stress and Mitochondrial Dysfunction in the Treatment of Impaired Wound Healing: A Systematic Review. Antioxidants, 2018, 7, 98.	2.2	299
214	Early fragmentation of polyester urethane sheet neither causes persistent oxidative stress nor alters the outcome of normal tissue healing in rat skin. Anais Da Academia Brasileira De Ciencias, 2018, 90, 2211-2222.	0.3	1
215	A Novel Peptide, Nicotinyll-Isoleucine-Valine-Histidine (NA-IVH), Promotes Antioxidant Gene Expression and Wound Healing in HaCaT Cells. Marine Drugs, 2018, 16, 262.	2.2	15
216	Valorization of Olive Mill Wastewater by Membrane Processes to Recover Natural Antioxidant Compounds for Cosmeceutical and Nutraceutical Applications or Functional Foods. Antioxidants, 2018, 7, 72.	2.2	39
217	Association of Alpha Tocopherol and Ag Sulfadiazine Chitosan Oleate Nanocarriers in Bioactive Dressings Supporting Platelet Lysate Application to Skin Wounds. Marine Drugs, 2018, 16, 56.	2.2	19
218	Nrf2-Mediated Fibroblast Reprogramming Drives Cellular Senescence by Targeting the Matrisome. Developmental Cell, 2018, 46, 145-161.e10.	3.1	126
219	Antiinflammation constituents from <i>Curcuma zedoaroides</i> . Phytotherapy Research, 2018, 32, 2312-2320.	2.8	10

#	ARTICLE	IF	CITATIONS
220	Triticum vulgare extract exerts an anti-inflammatory action in two in vitro models of inflammation in microglial cells. PLoS ONE, 2018, 13, e0197493.	1.1	14
221	Potent laminin-inspired antioxidant regenerative dressing accelerates wound healing in diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6816-6821.	3.3	117
222	Understanding the perspectives of forkhead transcription factors in delayed wound healing. Journal of Cell Communication and Signaling, 2019, 13, 151-162.	1.8	16
223	Regulation of Wound Healing by the NRF2 Transcription Factor—More Than Cytoprotection. International Journal of Molecular Sciences, 2019, 20, 3856.	1.8	42
224	Multi-species comparisons of snakes identify coordinated signalling networks underlying post-feeding intestinal regeneration. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190910.	1.2	10
225	<i>In vitro</i> antioxidant activity and <i>in vivo</i> wound-healing effect of lecithin liposomes: a comparative study. Journal of Comparative Effectiveness Research, 2019, 8, 633-643.	0.6	26
226	Acceleration of wound healing activity with syringic acid in streptozotocin induced diabetic rats. Life Sciences, 2019, 233, 116728.	2.0	48
227	Medicinal Plants in Wound Healing. , 0, , .		12
228	Establishment of Nrf2-deficient HaCaT and immortalized primary human foreskin keratinocytes and characterization of their responses to ROS-induced cytotoxicity. Toxicology in Vitro, 2019, 61, 104602.	1.1	9
229	<p>Hyperbaric oxygen therapy for the management of chronic wounds: patient selection and perspectives</p>. Chronic Wound Care Management and Research, 0, Volume 6, 27-37.	0.4	11
230	Hemin attenuated oxidative stress and inflammation to improve wound healing in diabetic rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2019, 392, 1435-1445.	1.4	17
231	Injury Activates a Dynamic Cytoprotective Network to Confer Stress Resilience and Drive Repair. Current Biology, 2019, 29, 3851-3862.e4.	1.8	22
232	Platelet-Rich Plasma Improves the Wound Healing Potential of Mesenchymal Stem Cells through Paracrine and Metabolism Alterations. Stem Cells International, 2019, 2019, 1-14.	1.2	52
233	Cushing Syndrome: The Role of MSCs in Wound Healing, Immunosuppression, Comorbidities, and Antioxidant Imbalance. Frontiers in Cell and Developmental Biology, 2019, 7, 227.	1.8	4
234	Topical application of <i>Cinnamomum verum</i> essential oil accelerates infected wound healing process by increasing tissue antioxidant capacity and keratin biosynthesis. Kaohsiung Journal of Medical Sciences, 2019, 35, 686-694.	0.8	42
235	Cerium- and Iron-Oxide-Based Nanozymes in Tissue Engineering and Regenerative Medicine. Catalysts, 2019, 9, 691.	1.6	18
236	Polycaprolactone/Gelatin Nanofiber Membranes Containing EGCG-Loaded Liposomes and Their Potential Use for Skin Regeneration. ACS Applied Bio Materials, 2019, 2, 4790-4800.	2.3	40
237	Antibacterial Properties of Mussel-Inspired Polydopamine Coatings Prepared by a Simple Two-Step Shaking-Assisted Method. Frontiers in Chemistry, 2019, 7, 631.	1.8	39

#	ARTICLE	IF	CITATIONS
238	A novel target for the promotion of dermal wound healing: Ryanodine receptors. <i>Toxicology and Applied Pharmacology</i> , 2019, 366, 17-24.	1.3	8
239	Angiogenic and MMPs modulatory effects of icariin improved cutaneous wound healing in rats. <i>European Journal of Pharmacology</i> , 2019, 858, 172466.	1.7	25
240	Transition metal-doped cryogels as bioactive materials for wound healing applications. <i>Materials Science and Engineering C</i> , 2019, 103, 109759.	3.8	23
241	Edaravone-Loaded Alginate-Based Nanocomposite Hydrogel Accelerated Chronic Wound Healing in Diabetic Mice. <i>Marine Drugs</i> , 2019, 17, 285.	2.2	57
242	The Role of Poly(ADP-Ribose) Polymerase-1 in Cutaneous Wound Healing. <i>Advances in Wound Care</i> , 2019, 8, 634-643.	2.6	3
243	Olive oil promotes wound healing of mice pressure injuries through NOS-2 and Nrf2. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 1199-1208.	0.9	18
244	The Molecular Mechanism of Vitamin E as a Bone-Protecting Agent: A Review on Current Evidence. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1453.	1.8	51
245	Curcumin and its Potential for Systemic Targeting of Inflamm-Aging and Metabolic Reprogramming in Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1180.	1.8	19
246	A new alternative insight of nanoemulsion conjugated with $\hat{\text{I}}^{\text{e}}$ -carrageenan for wound healing study in diabetic mice: In vitro and in vivo evaluation. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 133, 236-250.	1.9	33
247	The Healing Effect of Plantago Major and Aloe Vera Mixture in Excisional Full Thickness Skin Wounds: Stereological Study. <i>World Journal of Plastic Surgery</i> , 2019, 8, 51-57.	0.2	10
248	Benefits of Hesperidin for Cutaneous Functions. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-19.	0.5	83
249	Drug therapies and delivery mechanisms to treat perturbed skin wound healing. <i>Advanced Drug Delivery Reviews</i> , 2019, 149-150, 2-18.	6.6	110
250	Soy isoflavone-loaded alginate microspheres in thermosensitive gel base: attempts to improve wound-healing efficacy. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 774-787.	1.2	22
251	Immune aging in diabetes and its implications in wound healing. <i>Clinical Immunology</i> , 2019, 200, 43-54.	1.4	60
252	Wound healing activity of terpinolene and $\hat{\text{I}}^{\text{e}}$ -phellandrene by attenuating inflammation and oxidative stress in vitro. <i>Journal of Tissue Viability</i> , 2019, 28, 94-99.	0.9	70
253	Effects of <i>Helichrysum bracteatum</i> flower extracts on UVB irradiation-induced inflammatory biomarker expression. <i>Biomedical Dermatology</i> , 2019, 3, .	7.6	0
254	Shixiang Plaster, a Traditional Chinese Medicine, Promotes Healing in a Rat Model of Diabetic Ulcer Through the receptor for Advanced Glycation End Products (RAGE)/Nuclear Factor kappa B (NF- $\hat{\text{I}}^{\text{e}}$ B) and Vascular Endothelial Growth Factor (VEGF)/Vascular Cell Adhesion Molecule-1 (VCAM-1)/Endothelial Nitric Oxide Synthase (eNOS) Signaling Pathways. <i>Medical Science Monitor</i> , 2019, 25, 9446-9457.	0.5	13
255	Marine Collagen Peptides Promote Cell Proliferation of NIH-3T3 Fibroblasts via NF- $\hat{\text{I}}^{\text{e}}$ B Signaling Pathway. <i>Molecules</i> , 2019, 24, 4201.	1.7	27

#	ARTICLE	IF	CITATIONS
256	Gastrodin Alleviates Oxidative Stress-Induced Apoptosis and Cellular Dysfunction in Human Umbilical Vein Endothelial Cells via the Nuclear Factor-Erythroid 2-Related Factor 2/Heme Oxygenase-1 Pathway and Accelerates Wound Healing In Vivo. <i>Frontiers in Pharmacology</i> , 2019, 10, 1273.	1.6	23
257	Hyaluronic acid-based hydrogels with independently tunable mechanical and bioactive signaling features. <i>Biointerphases</i> , 2019, 14, 061005.	0.6	12
258	Migration and Proliferation Effects of Thymoquinone-Loaded Nanostructured Lipid Carrier (TQ-NLC) and Thymoquinone (TQ) on In Vitro Wound Healing Models. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-14.	0.5	12
259	High Levels of Oxidative Stress and Skin Microbiome are Critical for Initiation and Development of Chronic Wounds in Diabetic Mice. <i>Scientific Reports</i> , 2019, 9, 19318.	1.6	44
260	Protection of glucotoxicity by a tripeptide derivative of α -melanocyte-stimulating hormone in human epidermal keratinocytes. <i>British Journal of Dermatology</i> , 2019, 180, 836-848.	1.4	12
261	Advanced drug delivery systems and artificial skin grafts for skin wound healing. <i>Advanced Drug Delivery Reviews</i> , 2019, 146, 209-239.	6.6	369
262	Structural, rheological and antioxidant properties of pectins from <i>Equisetum arvense</i> L. and <i>Equisetum sylvaticum</i> L. <i>Carbohydrate Polymers</i> , 2019, 209, 239-249.	5.1	34
263	Changes in antioxidant, inflammatory and metabolic markers during 1-week cultivation of human skin explants. <i>Journal of Applied Toxicology</i> , 2019, 39, 773-782.	1.4	2
264	Scaffolds based on alginate-PEG methyl ether methacrylate-Moringa oleifera-Aloe vera for wound healing applications. <i>Carbohydrate Polymers</i> , 2019, 206, 455-467.	5.1	63
265	Nrf2-Mediated Expansion of Pilosebaceous Cells Accelerates Cutaneous Wound Healing. <i>American Journal of Pathology</i> , 2019, 189, 568-579.	1.9	14
266	Argon Mitigates Impaired Wound Healing Process and Enhances Wound Healing In Vitro and In Vivo. <i>Theranostics</i> , 2019, 9, 477-490.	4.6	21
267	MnSOD is implicated in accelerated wound healing upon Negative Pressure Wound Therapy (NPWT): A case in point for MnSOD mimetics as adjuvants for wound management. <i>Redox Biology</i> , 2019, 20, 307-320.	3.9	33
268	Thermal Waters and the Hormetic Effects of Hydrogen Sulfide on Inflammatory Arthritis and Wound Healing. , 2019, , 121-126.		4
269	Efficacy of probiotics used as a periodontal treatment aid: A pilot study. <i>Saudi Dental Journal</i> , 2019, 31, 143-147.	0.5	4
270	Evaluation of astaxanthin incorporated collagen film developed from the outer skin waste of squid <i>Doryteuthis singhalensis</i> for wound healing and tissue regenerative applications. <i>Materials Science and Engineering C</i> , 2019, 95, 29-42.	3.8	52
271	Cold atmospheric plasma (CAP) differently affects migration and differentiation of keratinocytes via hydrogen peroxide and nitric oxide-related products. <i>Clinical Plasma Medicine</i> , 2019, 13, 1-8.	3.2	12
272	Effects of Ghrelin on the Oxidative Stress and Healing of the Colonic Anastomosis in Rats. <i>Journal of Surgical Research</i> , 2019, 234, 167-177.	0.8	6
273	Comorbid conditions are a risk for osteonecrosis of the jaw unrelated to antiresorptive therapy. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2019, 127, 140-150.	0.2	7

#	ARTICLE	IF	CITATIONS
274	Therapeutic strategies for enhancing angiogenesis in wound healing. <i>Advanced Drug Delivery Reviews</i> , 2019, 146, 97-125.	6.6	448
275	Ellagic acid containing collagen-chitosan scaffolds as potential antioxidative bio-materials for tissue engineering applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2019, 68, 208-215.	1.8	14
276	Efficacy of topical application of standardized extract of <i>Tragopogon graminifolius</i> in the healing process of experimental burn wounds. <i>Journal of Traditional and Complementary Medicine</i> , 2019, 9, 54-59.	1.5	30
277	Redox dysregulation in the pathogenesis of chronic venous ulceration. <i>Free Radical Biology and Medicine</i> , 2020, 149, 23-29.	1.3	11
278	Short-term Administration of a High-Fat Diet Impairs Wound Repair in Mice. <i>Lipids</i> , 2020, 55, 23-33.	0.7	3
279	Nano Biomedical Potential of Biopolymer Chitosan-Capped Silver Nanoparticles with Special Reference to Antibacterial, Antibiofilm, Anticoagulant and Wound Dressing Material. <i>Journal of Cluster Science</i> , 2020, 31, 355-366.	1.7	37
280	Topical Application of <i>Teucrium polium</i> Can Improve Wound Healing in Diabetic Rats. <i>International Journal of Lower Extremity Wounds</i> , 2020, 19, 132-138.	0.6	15
281	Vegetable butters and oils in skin wound healing: Scientific evidence for new opportunities in dermatology. <i>Phytotherapy Research</i> , 2020, 34, 254-269.	2.8	46
282	Animal models in chronic wound healing research. , 2020, , 197-224.		2
283	Development of a chitosan hydrogel containing flavonoids extracted from <i>Passiflora edulis</i> leaves and the evaluation of its antioxidant and wound healing properties for the treatment of skin lesions in diabetic mice. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 654-662.	2.1	38
284	The effect of a new wound dressing on wound healing: Biochemical and histopathological evaluation. <i>Burns</i> , 2020, 46, 143-155.	1.1	30
285	Differential oxidative costs of locomotory and genital damage in an orb-weaving spider. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	1
286	Alginate/human elastin-like polypeptide composite films with antioxidant properties for potential wound healing application. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 586-596.	3.6	36
287	&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
288	Polydopamine Antioxidant Hydrogels for Wound Healing Applications. <i>Gels</i> , 2020, 6, 39.	2.1	28
289	Injectable Hypoxia-Induced Conductive Hydrogel to Promote Diabetic Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56681-56691.	4.0	66
290	Metabolite Characterization and Correlations with Antioxidant and Wound Healing Properties of Oil Palm (<i>Elaeis guineensis</i> Jacq.) Leaflets via 1H-NMR-Based Metabolomics Approach. <i>Molecules</i> , 2020, 25, 5636.	1.7	10
291	Enzyme-digested Colla Corii Asini (Eâ€™jiao) accelerates wound healing and prevents ultraviolet A-induced collagen synthesis decline and wrinkle formation in three-dimensional skin equivalents. <i>Human Cell</i> , 2020, 33, 1056-1067.	1.2	11

#	ARTICLE	IF	CITATIONS
292	Bioactive ROS-scavenging nanozymes for regenerative medicine: Reestablishing the antioxidant firewall. <i>Nano Select</i> , 2020, 1, 285-297.	1.9	25
293	Injectable supramolecular gelatin hydrogel loading of resveratrol and histatin-1 for burn wound therapy. <i>Biomaterials Science</i> , 2020, 8, 4810-4820.	2.6	40
294	Synthesis, characterization, and evaluation of cytotoxicity, antioxidant, antifungal, antibacterial, and cutaneous wound healing effects of copper nanoparticles using the aqueous extract of Strawberry fruit and l-Ascorbic acid. <i>Polyhedron</i> , 2020, 180, 114425.	1.0	44
295	ROS-scavenging hydrogel to promote healing of bacteria infected diabetic wounds. <i>Biomaterials</i> , 2020, 258, 120286.	5.7	370
296	Biochemical and histopathological assessment of liver in a rat model of metabolic syndrome induced by high-carbohydrate high-fat diet. <i>Journal of Food Biochemistry</i> , 2020, 44, e13371.	1.2	4
297	Genetic Polymorphism of the Nrf2 Promoter Region (rs35652124) Is Associated with the Risk of Diabetic Foot Ulcers. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-9.	1.9	13
298	Quercetin accelerated cutaneous wound healing in rats by modulation of different cytokines and growth factors. <i>Growth Factors</i> , 2020, 38, 105-119.	0.5	31
299	Primary Human Derived Blood Outgrowth Endothelial Cells: An Appropriate In Vitro Model to Study Shiga Toxin Mediated Damage of Endothelial Cells. <i>Toxins</i> , 2020, 12, 483.	1.5	4
300	A barrier against reactive oxygen species: chitosan/acellular dermal matrix scaffold enhances stem cell retention and improves cutaneous wound healing. <i>Stem Cell Research and Therapy</i> , 2020, 11, 383.	2.4	20
301	Evaluation of Oxidative Stress in Patients with Difficult-to-Heal Skin Wounds Treated with Hyperbaric Oxygen. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-8.	1.9	6
302	Quercetin as an Agent for Protecting the Bone: A Review of the Current Evidence. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6448.	1.8	105
303	Bicontinuous microemulsions containing Melaleuca alternifolia essential oil as a therapeutic agent for cutaneous wound healing. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1748-1763.	3.0	8
304	Development and Characterization of Biointeractive Gelatin Wound Dressing Based on Extract of Punica granatum Linn. <i>Pharmaceutics</i> , 2020, 12, 1204.	2.0	15
305	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
306	MSC-derived exosomes attenuate cell death through suppressing AIF nucleus translocation and enhance cutaneous wound healing. <i>Stem Cell Research and Therapy</i> , 2020, 11, 174.	2.4	61
307	Role of oxidants and antioxidants in diabetic wound healing. , 2020, , 13-38.		4
308	Accelerated healing by topical administration of Salvia officinalis essential oil on Pseudomonas aeruginosa and Staphylococcus aureus infected wound model. <i>Biomedicine and Pharmacotherapy</i> , 2020, 128, 110120.	2.5	56
309	Optically activated and interrogated plasmonic hydrogels for applications in wound healing. <i>Journal of Biophotonics</i> , 2020, 13, e202000135.	1.1	15

#	ARTICLE	IF	CITATIONS
310	Functional Biomaterials for Treatment of Chronic Wound. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 516.	2.0	53
311	High Levels of Oxidative Stress Create a Microenvironment That Significantly Decreases the Diversity of the Microbiota in Diabetic Chronic Wounds and Promotes Biofilm Formation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 259.	1.8	30
312	<p>Incorporation of ROS-Responsive Substance P-Loaded Zeolite Imidazolate Framework-8 Nanoparticles into a Ca<sup>2+</sup>-Cross-Linked Alginate/Pectin Hydrogel for Wound Dressing Applications</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 333-346.	3.3	53
313	Methylene blue-loaded niosome: preparation, physicochemical characterization, and in vivo wound healing assessment. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1428-1441.	3.0	56
314	Zinc oxide nanoparticles induce human tenon fibroblast apoptosis through reactive oxygen species and caspase signaling pathway. <i>Archives of Biochemistry and Biophysics</i> , 2020, 683, 108324.	1.4	16
315	Physical Double&€Network Hydrogel Adhesives with Rapid Shape Adaptability, Fast Self&€Healing, Antioxidant and NIR/pH Stimulus&€Responsiveness for Multidrug&€Resistant Bacterial Infection and Removable Wound Dressing. <i>Advanced Functional Materials</i> , 2020, 30, 1910748.	7.8	503
316	Wound healing improvement in large animals using an indirect helium plasma treatment. <i>Clinical Plasma Medicine</i> , 2020, 17-18, 100095.	3.2	17
317	Biosynthesis of zinc nanoparticles using <i>Allium saralicum</i> R.M. Fritsch leaf extract; Chemical characterization and analysis of their cytotoxicity, antioxidant, antibacterial, antifungal, and cutaneous wound healing properties. <i>Applied Organometallic Chemistry</i> , 2020, , e5564.	1.7	0
318	Macrophages enhance mesenchymal stem cell osteogenesis via down-regulation of reactive oxygen species. <i>Journal of Dentistry</i> , 2020, 94, 103297.	1.7	22
319	Microporous Organic Nanoparticles Anchoring CeO₂ Materials: Reduced Toxicity and Efficient Reactive Oxygen Species&€Scavenging for Regenerative Wound Healing. <i>ChemNanoMat</i> , 2020, 6, 1104-1110.	1.5	13
320	Electroporation does not affect human dermal fibroblast proliferation and migration properties directly but indirectly via the secretome. <i>Bioelectrochemistry</i> , 2020, 134, 107531.	2.4	7
321	Absorbable Thioether Grafted Hyaluronic Acid Nanofibrous Hydrogel for Synergistic Modulation of Inflammation Microenvironment to Accelerate Chronic Diabetic Wound Healing. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000198.	3.9	114
322	Evaluation of ROCEN on Burn Wound Healing and Thermal Pain: Transforming Growth Factor-Î21 Activation. <i>International Journal of Lower Extremity Wounds</i> , 2021, 20, 337-346.	0.6	11
323	Exosome laden oxygen releasing antioxidant and antibacterial cryogel wound dressing OxOBand alleviate diabetic and infectious wound healing. <i>Biomaterials</i> , 2020, 249, 120020.	5.7	241
324	Nanomedicine in Healing Chronic Wounds: Opportunities and Challenges. <i>Molecular Pharmaceutics</i> , 2021, 18, 550-575.	2.3	84
326	Polyphenols as a versatile component in tissue engineering. <i>Acta Biomaterialia</i> , 2021, 119, 57-74.	4.1	75
327	Chemistry, oxidative stability and bioactivity of oil extracted from <i>Rosa rugosa</i> (Thunb.) seeds by supercritical carbon dioxide. <i>Food Chemistry</i> , 2021, 335, 127649.	4.2	17
328	Identification of novel antioxidant peptides from snakehead (<i>Channa argus</i>) soup generated during gastrointestinal digestion and insights into the anti-oxidation mechanisms. <i>Food Chemistry</i> , 2021, 337, 127921.	4.2	56

#	ARTICLE	IF	CITATIONS
329	Antioxidant and anti-inflammatory activities of Prussian blue nanozyme promotes full-thickness skin wound healing. <i>Materials Science and Engineering C</i> , 2021, 119, 111596.	3.8	63
330	Antioxidant and antibacterial polyelectrolyte wound dressing based on chitosan/hyaluronan/phosphatidylcholine dihydroquercetin. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 18-31.	3.6	90
331	Filling the gap between risk assessment and molecular determinants of tumor onset. <i>Carcinogenesis</i> , 2021, 42, 507-516.	1.3	3
332	Attenuation of methylglyoxal-induced glycation and cellular dysfunction in wound healing by <i>Centella cordifolia</i> . <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 813-824.	1.8	4
333	Efficient and selective cancer therapy using pro-oxidant drug-loaded reactive oxygen species (ROS)-responsive polypeptide micelles. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 95, 101-108.	2.9	22
334	Effects of the BICOM Optima Mobile Bioresonance Device on Cell Metabolism and Oxidative Burst of Inflammation-Mediating Cells. <i>Biomedical Journal of Scientific & Technical Research</i> , 2021, 33, .	0.0	0
335	The Leaf Extract of <i>Coccinia grandis</i> (L.) Voigt Accelerated In Vitro Wound Healing by Reducing Oxidative Stress Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-10.	1.9	13
336	Biopolymer-Based Hydrogel Wound Dressing. , 2021, , 227-251.		2
338	Nitric Oxide Produced by the Antioxidant Activity of Verapamil Improves the Acute Wound Healing Process. <i>Tissue Engineering and Regenerative Medicine</i> , 2021, 18, 179-186.	1.6	6
339	Endothelial TLR2 promotes proangiogenic immune cell recruitment and tumor angiogenesis. <i>Science Signaling</i> , 2021, 14, .	1.6	28
340	A Wearable Optical Microfibrous Biomaterial with Encapsulated Nanosensors Enables Wireless Monitoring of Oxidative Stress. <i>Advanced Functional Materials</i> , 2021, 31, 2006254.	7.8	58
341	Evaluation of wound healing potential of new composite liposomal films containing coenzyme Q10 and d-panthenyl triacetate as combinational treatment. <i>Pharmaceutical Development and Technology</i> , 2021, 26, 444-454.	1.1	4
342	From wound response to repair “ lessons from <i>C. elegans</i> . <i>Cell Regeneration</i> , 2021, 10, 5.	1.1	9
343	Recovery from discrete wound severities in side-blotched lizards (<i>Uta stansburiana</i>): implications for energy budget, locomotor performance, and oxidative stress. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, 191, 531-543.	0.7	7
344	Improved diabetic wound healing by LFcinB is associated with relevant changes in the skin immune response and microbiota. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 20, 726-739.	1.8	20
345	Î±-Tocopherol-loaded reactive oxygen species-scavenging ferrocene nanocapsules with high antioxidant efficacy for wound healing. <i>International Journal of Pharmaceutics</i> , 2021, 596, 120205.	2.6	17
346	Prognostic Value of Peroxiredoxin-1 Expression in Patients with Solid Tumors: a Meta-Analysis of Cohort Study. <i>Disease Markers</i> , 2021, 2021, 1-10.	0.6	3
347	Stem cells and growth factors-based delivery approaches for chronic wound repair and regeneration: A promise to heal from within. <i>Life Sciences</i> , 2021, 268, 118932.	2.0	34

#	ARTICLE	IF	CITATIONS
348	Bioactive Carboxymethyl Starch-Based Hydrogels Decorated with CuO Nanoparticles: Antioxidant and Antimicrobial Properties and Accelerated Wound Healing In Vivo. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2531.	1.8	86
349	Injectable DMEM-induced phenylboronic acid-modified hyaluronic acid self-crosslinking hydrogel for potential applications in tissue repair. <i>Carbohydrate Polymers</i> , 2021, 258, 117663.	5.1	25
350	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
351	Combined Antioxidant and Antibiotic Treatment for Effectively Healing Infected Diabetic Wounds Based on Polymer Vesicles. <i>ACS Nano</i> , 2021, 15, 9027-9038.	7.3	107
352	Research progress of hydrogel-mediated disease therapeutics. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	0.8	2
353	Biofilm-Innate Immune Interface: Contribution to Chronic Wound Formation. <i>Frontiers in Immunology</i> , 2021, 12, 648554.	2.2	73
354	Linear polysaccharides reduce production of inflammatory cytokines by LPS-stimulated bovine fibroblasts. <i>Veterinary Immunology and Immunopathology</i> , 2021, 234, 110220.	0.5	3
355	Nutritional Support for Bariatric Surgery Patients: The Skin beyond the Fat. <i>Nutrients</i> , 2021, 13, 1565.	1.7	13
356	Systematic Development and Characterization of Novel, High Drug-Loaded, Photostable, Curcumin Solid Lipid Nanoparticle Hydrogel for Wound Healing. <i>Antioxidants</i> , 2021, 10, 725.	2.2	27
358	Natural antioxidants attenuate mycolactone toxicity to RAW 264.7 macrophages. <i>Experimental Biology and Medicine</i> , 2021, 246, 1884-1894.	1.1	5
359	Skin damage caused by scale loss modifies the intestine of chronically stressed gilthead sea bream (<i>Sparus aurata</i> , L.). <i>Developmental and Comparative Immunology</i> , 2021, 118, 103989.	1.0	5
360	Antioxidant Therapy and Antioxidant-Related Bionanomaterials in Diabetic Wound Healing. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 707479.	2.0	39
361	The Nrf2 transcription factor: A multifaceted regulator of the extracellular matrix. <i>Matrix Biology Plus</i> , 2021, 10, 100057.	1.9	19
362	NRF2 signalling pathway: New insights and progress in the field of wound healing. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5857-5868.	1.6	27
363	Electrospinnable composites for laser-activated tissue bonding and wound monitoring. , 2021, , .		0
364	Ionic Covalent Organic Framework Nanozyme as Effective Cascade Catalyst against Bacterial Wound Infection. <i>Small</i> , 2021, 17, e2100756.	5.2	55
365	Efficacy of amiodarone and voriconazole combination therapy in cutaneous leishmaniasis in the mice experimentally infected with <i>Leishmania major</i> . <i>Journal of Infection and Chemotherapy</i> , 2021, 27, 984-990.	0.8	4
366	Decreasing the Likelihood of Multiple Organ Dysfunction Syndrome in Burn Injury with Early Antioxidant Treatment. <i>Antioxidants</i> , 2021, 10, 1192.	2.2	8

#	ARTICLE	IF	CITATIONS
367	The Antioxidant Effect of Small Extracellular Vesicles Derived from Aloe vera Peels for Wound Healing. <i>Tissue Engineering and Regenerative Medicine</i> , 2021, 18, 561-571.	1.6	45
368	Charge-switchable, anti-oxidative molecule tuned polyelectrolyte multilayered films: Amplified polyelectrolyte diffusivity and accelerated diabetes wound healing. <i>Chemical Engineering Journal</i> , 2021, 416, 129521.	6.6	9
369	Curcumin as Prospective Anti-Aging Natural Compound: Focus on Brain. <i>Molecules</i> , 2021, 26, 4794.	1.7	44
370	Evaluation of the Effect of Pomegranate Seed Oil on Healing in a Rat Wound Model With Antioxidant, Vascular, and Histopathological Parameters. <i>International Journal of Lower Extremity Wounds</i> , 2021, , 153473462110405.	0.6	2
371	Formulation and Evaluation of Helichrysum italicum Essential Oil-Based Topical Formulations for Wound Healing in Diabetic Rats. <i>Pharmaceuticals</i> , 2021, 14, 813.	1.7	20
372	Biocompatible 3D Printed Chitosan-Based Scaffolds Containing $\hat{\pm}$ -Tocopherol Showing Antioxidant and Antimicrobial Activity. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7253.	1.3	9
373	SA/G hydrogel containing NRF2-engineered HEK-293-derived CM improves wound healing efficacy of WJ-MSCs in a rat model of excision injury. <i>Journal of Tissue Viability</i> , 2021, 30, 527-536.	0.9	5
374	Functional hydrogels for diabetic wound management. <i>APL Bioengineering</i> , 2021, 5, 031503.	3.3	50
375	TOPICAL DELIVERY OF QUERCETIN LOADED TRANSFERSOMES FOR WOUND TREATMENT: IN VITRO AND IN VIVO EVALUATION. <i>International Journal of Applied Pharmaceutics</i> , 0, , 189-197.	0.3	1
376	Injectable Lignin-co-Gelatin Cryogels with Antioxidant and Antibacterial Properties for Biomedical Applications. <i>Biomacromolecules</i> , 2021, 22, 4110-4121.	2.6	47
377	Structural, antioxidant, prebiotic and anti-inflammatory properties of pectic oligosaccharides hydrolyzed from okra pectin by Fenton reaction. <i>Food Hydrocolloids</i> , 2021, 118, 106779.	5.6	59
378	Graphene quantum dot-decorated luminescent porous silicon dressing for theranostics of diabetic wounds. <i>Acta Biomaterialia</i> , 2021, 131, 544-554.	4.1	49
379	Antioxidant cerium ions-containing mesoporous bioactive glass ultrasmall nanoparticles: Structural, physico-chemical, catalase-mimic and biological properties. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 206, 111932.	2.5	15
380	Antioxidant and fibroblast-activating activities of the by-product of skate chondroitin extractive production. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 23, 100499.	1.6	3
381	Evaluation of antioxidant potential of Heliotropium bacciferum Forssk extract and wound healing activity of its topical formulation in rat. <i>Annales Pharmaceutiques Francaises</i> , 2022, 80, 280-290.	0.4	2
382	Nanoemulsion of flavonoid-enriched oil palm (<i>Elaeis guineensis</i> Jacq.) leaf extract enhances wound healing in zebrafish. <i>Phytomedicine Plus</i> , 2021, 1, 100124.	0.9	5
383	Lactoferrin with Zn-ion protects and recovers fibroblast from H ₂ O ₂ -induced oxidative damage. <i>International Journal of Biological Macromolecules</i> , 2021, 190, 368-374.	3.6	7
384	A novel anionic cathelicidin lacking direct antimicrobial activity but with potent anti-inflammatory and wound healing activities from the salamander <i>Tylostotriton kweichowensis</i> . <i>Biochimie</i> , 2021, 191, 37-50.	1.3	14

#	ARTICLE	IF	CITATIONS
385	Evaluation of the wound healing activity of ethanolic extract of <i>Bergenia ciliata</i> (Haw.) Sternb. rhizome with excision wound model in Wistar rats. <i>Journal of Ethnopharmacology</i> , 2021, 281, 114527.	2.0	8
386	Curcumin preconditioning enhances the efficacy of adipose-derived mesenchymal stem cells to accelerate healing of burn wounds. <i>Burns and Trauma</i> , 2021, 9, tkab021.	2.3	18
387	An antioxidant approach directed to non-healing wounds activation - A case report study. <i>Clinical Case Reports and Reviews</i> , 2021, 7, .	0.1	1
388	Pullulan: a bioactive fungal exopolysaccharide with broad spectrum of applications for human welfare. , 2021, , 187-206.		0
389	Improving the Antioxidant Properties of <i>Calophyllum inophyllum</i> Seed Oil from French Polynesia: Development and Biological Applications of Resinous Ethanol-Soluble Extracts. <i>Antioxidants</i> , 2021, 10, 199.	2.2	12
390	Antioxidant and multi-sensitive PNIPAAm/keratin double network gels for self-stripping wound dressing application. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6212-6225.	2.9	24
391	Drug Delivery to Wounds, Burns, and Diabetes-Related Ulcers. <i>Advances in Delivery Science and Technology</i> , 2014, , 585-605.	0.4	5
392	Mussel-Inspired Electroactive and Antioxidative Scaffolds with Incorporation of Polydopamine-Reduced Graphene Oxide for Enhancing Skin Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 7703-7714.	4.0	172
393	Oxidative stress and reactive oxygen species: a review of their role in ocular disease. <i>Clinical Science</i> , 2017, 131, 2865-2883.	1.8	122
394	Design and evaluation of an imager for assessing wound inflammatory responses and bioburden in a pig model. <i>Journal of Biomedical Optics</i> , 2019, 25, 1.	1.4	2
395	Advanced Glycation End Products (AGEs) Induce Apoptosis of Fibroblasts by Activation of NLRP3 Inflammasome via Reactive Oxygen Species (ROS) Signaling Pathway. <i>Medical Science Monitor</i> , 2019, 25, 7499-7508.	0.5	46
396	A Synthetic Uric Acid Analog Accelerates Cutaneous Wound Healing in Mice. <i>PLoS ONE</i> , 2010, 5, e10044.	1.1	14
397	Skin Cornification Proteins Provide Global Link between ROS Detoxification and Cell Migration during Wound Healing. <i>PLoS ONE</i> , 2010, 5, e11957.	1.1	77
398	Enhanced Cutaneous Wound Healing In Vivo by Standardized Crude Extract of <i>Poincianella pluviosa</i> . <i>PLoS ONE</i> , 2016, 11, e0149223.	1.1	16
399	Antioxidant activity of polymeric biocide polyhexamethylene guanidine hydrochloride. <i>Catalysis and Petrochemistry</i> , 2020, , 73-82.	0.2	5
400	Does CO2 pneumoperitoneum in laparoscopy interfere with collagen deposition in abdominal surgical wounds?. <i>Acta Cirurgica Brasileira</i> , 2020, 35, e202000605.	0.3	1
401	Mitochondria-targeted antioxidant SkQ1 improves impaired dermal wound healing in old mice. <i>Aging</i> , 2015, 7, 475-485.	1.4	38
402	Nrf2: a promising trove for diabetic wound healing. <i>Annals of Translational Medicine</i> , 2017, 5, 469-469.	0.7	19

#	ARTICLE	IF	CITATIONS
403	Ozonated Oils and Cutaneous Wound Healing. <i>Current Pharmaceutical Design</i> , 2019, 25, 2264-2278.	0.9	8
404	Reactive oxygen species (ROS) – a family of fate deciding molecules pivotal in constructive inflammation and wound healing. , 2012, 24, 249-265.		243
405	Healing Properties of Epidermal Growth Factor and Tocotrienol-Rich Fraction in Deep Partial-Thickness Experimental Burn Wounds. <i>Antioxidants</i> , 2020, 9, 130.	2.2	11
406	Valorization of <i>Gleditsia triacanthos</i> Invasive Plant Cellulose Microfibers and Phenolic Compounds for Obtaining Multi-Functional Wound Dressings with Antimicrobial and Antioxidant Properties. <i>International Journal of Molecular Sciences</i> , 2021, 22, 33.	1.8	12
407	Cutaneous Wound Healing after Topical Application of <i>Pistacia atlantica</i> Gel Formulation in Rats. <i>Turkish Journal of Pharmaceutical Sciences</i> , 2017, 14, 65-74.	0.6	12
408	Combination Therapy of Metadichol Nanogel and Lipocalin-2 Engineered Mesenchymal Stem Cells Improve Wound Healing in Rat Model of Excision Injury. <i>Advanced Pharmaceutical Bulletin</i> , 2022, 12, 550-560.	0.6	3
410	Potential Biomedical Applications of Collagen Filaments derived from the Marine Demosponges <i>Ircinia oros</i> (Schmidt, 1864) and <i>Sarcotragus foetidus</i> (Schmidt, 1862). <i>Marine Drugs</i> , 2021, 19, 563.	2.2	12
411	Fractionated <i>Trapa japonica</i> Extracts Inhibit ROS-induced Skin Inflammation in HaCaT keratinocytes. <i>Journal of the Society of Cosmetic Scientists of Korea</i> , 2015, 41, 45-55.	0.2	1
412	The Science of Neuromuscular Healing. , 2017, , 1-62.		0
413	Glutathione system in the blood serum of rats in the dynamics of full-thickness wounds and with the influence of new pharmacological composition containing melanine. <i>Bulletin of Taras Shevchenko National University of Kyiv Series Problems of Physiological Functions Regulation</i> , 2017, 22, 5-8.	0.1	0
414	WOUND HEALING PROPERTIES OF GREEN TEA EXTRACT IN EXCISION-WOUNDED RATS. <i>Al-Azhar Journal of Pharmaceutical Sciences</i> , 2017, 56, 102-114.	0.1	3
415	Investigation of Antioxidant and In Vitro Wound Healing Activity of Fulvic Acid. <i>Journal of the Institute of Science and Technology</i> , 0, , 1316-1326.	0.3	4
417	Herbal Products in Postsurgical Wound Healing – Incision, Excision and Dead Space Wound Models. <i>Planta Medica</i> , 2020, 86, 732-748.	0.7	5
418	Quantitative iTRAQ LC-MS/MS reveals muscular proteome profiles of deep pressure ulcers. <i>Bioscience Reports</i> , 2020, 40, .	1.1	1
420	Topical gel-based biomaterials for the treatment of diabetic foot ulcers. <i>Acta Biomaterialia</i> , 2022, 138, 73-91.	4.1	52
421	Biomechanical Motion-Activated Endogenous Wound Healing through LBL Self-Powered Nanocomposite Repairer with pH-Responsive Anti-Inflammatory Effect. <i>Small</i> , 2021, 17, e2103997.	5.2	31
422	Mangiferin and Hesperidin Transdermal Distribution and Permeability through the Skin from Solutions and Honeybush Extracts (<i>Cyclopia sp.</i>) – A Comparison Ex Vivo Study. <i>Molecules</i> , 2021, 26, 6547.	1.7	8
423	Injectable thioketal-containing hydrogel dressing accelerates skin wound healing with the incorporation of reactive oxygen species scavenging and growth factor release. <i>Biomaterials Science</i> , 2021, 10, 100-113.	2.6	27

#	ARTICLE	IF	CITATIONS
424	Spirulina protein promotes skin wound repair in a mouse model of full-thickness dermal excisional wound. <i>International Journal of Molecular Medicine</i> , 2020, 46, 351-359.	1.8	4
425	Tlr2 and Tjp1 Genesâ€™™ Expression during Restoration of Skin Integrity. <i>Cytology and Genetics</i> , 2020, 54, 539-545.	0.2	1
426	Ulcerative dermatitis in C57BL/6 mice exhibits an oxidative stress response consistent with normal wound healing. <i>Comparative Medicine</i> , 2012, 62, 166-71.	0.4	15
427	Aldose reductase inhibitor counteracts the enhanced expression of matrix metalloproteinase-10 and improves corneal wound healing in galactose-fed rats. <i>Molecular Vision</i> , 2013, 19, 2477-86.	1.1	9
428	Potential of ozonated sesame oil to augment wound healing in rats. <i>Indian Journal of Pharmaceutical Sciences</i> , 2014, 76, 87-92.	1.0	9
429	Overexpression of Prdx1 in hilar cholangiocarcinoma: a predictor for recurrence and prognosis. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 9863-74.	0.5	10
430	The Effects of Oltipraz on Tissue Regeneration in the Process of Wound Healing: A Stereological Study. <i>Bulletin of Emergency and Trauma</i> , 2014, 2, 161-5.	0.4	8
431	Molecular Aspects of Wound Healing and the Rise of Venous Leg Ulceration: Omics Approaches to Enhance Knowledge and Aid Diagnostic Discovery. <i>Clinical Biochemist Reviews</i> , 2017, 38, 35-55.	3.3	19
432	Vascular endothelial Cdc42 deficiency delays skin wound-healing processes by increasing IL-1 β and TNF- α expression. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 257-268.	0.0	7
433	The Healing Effect of and Mixture in Excisional Full Thickness Skin Wounds: Stereological Study. <i>World Journal of Plastic Surgery</i> , 2019, 8, 51-57.	0.2	2
434	N-acetylcysteine-loaded electrospun mats improve wound healing in mice and human fibroblast proliferation : a potential application of nanotechnology in wound care. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 1590-1602.	1.0	0
435	Phenolic, Antioxidant, Antimicrobial, and Wound Healing Properties of L. Root Extract in Diabetic Rats. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 264-274.	0.3	2
437	The inhibitory effects of selenium nanoparticles modified by fructose-enriched polysaccharide from <i>Codonopsis pilosula</i> on HepG2 cells. <i>Industrial Crops and Products</i> , 2022, 176, 114335.	2.5	13
438	Smart biomaterial-based systems for intrinsic stimuli-responsive chronic wound management. <i>Materials Today Chemistry</i> , 2021, 22, 100623.	1.7	14
439	Modified graphene oxide nanoplates reinforced 3D printed multifunctional scaffold for bone tissue engineering. <i>Materials Science and Engineering C</i> , 2022, 134, 112587.	3.8	20
440	Near-infrared imaging for in vivo assessment of porous silicon-based materials. , 2021, , 333-358.		0
441	A multifunctional supramolecular hydrogel for infected wound healing. <i>Biomaterials Science</i> , 2022, 10, 381-395.	2.6	17
442	Genome-wide identification of seven superoxide dismutase genes in the marine rotifer <i>BrachionusÂ®</i> tundiformis and modulated expression and enzymatic activity in response to microplastics and nutritional status. <i>Aquatic Toxicology</i> , 2022, 243, 106055.	1.9	8

#	ARTICLE	IF	CITATIONS
443	Wound Healing Activities of Latex of Grassleaf Spurge (<i>Euphorbia graminea</i>) Tj ETQq0 0 0 rgBT /Overlçk 10 Tf 5	0.2	0
444	Bioinspired design of mannose-decorated globular lysine dendrimers promotes diabetic wound healing by orchestrating appropriate macrophage polarization. <i>Biomaterials</i> , 2022, 280, 121323.	5.7	30
445	Green Synthesis of Silver Nanoparticles by the Cyanobacteria <i>Synechocystis</i> sp.: Characterization, Antimicrobial and Diabetic Wound-Healing Actions. <i>Marine Drugs</i> , 2022, 20, 56.	2.2	28
446	Flexible Photothermal Biopaper Comprising Cu ²⁺ -Doped Ultralong Hydroxyapatite Nanowires and Black Phosphorus Nanosheets for Accelerated Healing of Infected Wound. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
447	Synchrotron FTIR microspectroscopy study of the diabetic rat skin wound healing with collagen+glycolipoprotein-90 treatment. <i>Vibrational Spectroscopy</i> , 2022, 118, 103335.	1.2	1
448	Static Magnetic Fields Reduce Oxidative Stress to Improve Wound Healing and Alleviate Diabetic Complications. <i>Cells</i> , 2022, 11, 443.	1.8	18
449	Evaluation of Antioxidant and Wound-Healing Properties of EHO-85, a Novel Multifunctional Amorphous Hydrogel Containing <i>Olea europaea</i> Leaf Extract. <i>Pharmaceutics</i> , 2022, 14, 349.	2.0	17
450	Effects of Oral Administered Hot Water Extracts of Korean Black Ginseng on Wound Healing in Mice. <i>Journal of Korean Medicine Rehabilitation</i> , 2022, 32, 1-19.	0.2	1
451	The Innate Immune System and Fever under Redox Control: A Narrative Review. <i>Current Medicinal Chemistry</i> , 2022, 29, 4324-4362.	1.2	3
452	EHO-85: A Multifunctional Amorphous Hydrogel for Wound Healing Containing <i>Olea europaea</i> Leaf Extract: Effects on Wound Microenvironment and Preclinical Evaluation. <i>Journal of Clinical Medicine</i> , 2022, 11, 1229.	1.0	8
453	Microneedle Patches Integrated with Biomineralized Melanin Nanoparticles for Simultaneous Skin Tumor Photothermal Therapy and Wound Healing. <i>Advanced Functional Materials</i> , 2022, 32, , .	7.8	63
454	Photopolymerized Zwitterionic Hydrogels with a Sustained Delivery of Cerium Oxide Nanoparticle-miR146a Conjugate Accelerate Diabetic Wound Healing. <i>ACS Applied Bio Materials</i> , 2022, 5, 1092-1103.	2.3	10
455	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
456	Local Treatment of Hydrogen-Rich Saline Promotes Wound Healing In Vivo by Inhibiting Oxidative Stress via Nrf-2/HO-1 Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-13.	1.9	6
457	Positive Aspects of Oxidative Stress at Different Levels of the Human Body: A Review. <i>Antioxidants</i> , 2022, 11, 572.	2.2	31
458	Skin Inflammation with a Focus on Wound Healing. <i>Advances in Wound Care</i> , 2023, 12, 269-287.	2.6	13
460	<i>Hypericum lanceolatum</i> Lam. Medicinal Plant: Potential Toxicity and Therapeutic Effects Based on a Zebrafish Model. <i>Frontiers in Pharmacology</i> , 2022, 13, 832928.	1.6	10
461	A metatranscriptomic approach to explore longitudinal tissue specimens from non-healing diabetes related foot ulcers. <i>Apmis</i> , 2022, 130, 383-396.	0.9	5

#	ARTICLE	IF	CITATIONS
462	Extracellular vesicles from hair follicle-derived mesenchymal stromal cells: isolation, characterization and therapeutic potential for chronic wound healing. <i>Stem Cell Research and Therapy</i> , 2022, 13, 147.	2.4	20
463	Antioxidant, anti-inflammatory, and wound healing effects of topical silver-doped zinc oxide and silver oxide nanocomposites. <i>International Journal of Pharmaceutics</i> , 2022, 617, 121620.	2.6	6
464	NIR-regulated dual-functional silica nanoplatform for infected-wound therapy via synergistic sterilization and anti-oxidation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 213, 112414.	2.5	7
465	Flexible photothermal biopaper comprising Cu ²⁺ -doped ultralong hydroxyapatite nanowires and black phosphorus nanosheets for accelerated healing of infected wound. <i>Chemical Engineering Journal</i> , 2022, 437, 135347.	6.6	20
466	Sustained delivery of rhMG53 promotes diabetic wound healing and hair follicle development. <i>Bioactive Materials</i> , 2022, 18, 104-115.	8.6	9
467	Injectable self-healing ceria-based nanocomposite hydrogel with ROS-scavenging activity for skin wound repair. <i>International Journal of Energy Production and Management</i> , 2022, 9, rbab074.	1.9	18
468	ROS-Scavenging Therapeutic Hydrogels for Modulation of the Inflammatory Response. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 23002-23021.	4.0	63
469	Resveratrol Microencapsulation into Electrospayed Polymeric Carriers for the Treatment of Chronic, Non-Healing Wounds. <i>Pharmaceutics</i> , 2022, 14, 853.	2.0	3
470	Reactive oxygen species-“degradable polythioketal urethane foam dressings to promote porcine skin wound repair. <i>Science Translational Medicine</i> , 2022, 14, eabm6586.	5.8	37
475	Self-Adhesive Hyaluronic Acid/Antimicrobial Peptide Composite Hydrogel with Antioxidant Capability and Photothermal Activity for Infected Wound Healing. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2200176.	2.0	12
479	An all-in-one CO gas therapy-based hydrogel dressing with sustained insulin release, anti-oxidative stress, antibacterial, and anti-inflammatory capabilities for infected diabetic wounds. <i>Acta Biomaterialia</i> , 2022, 146, 49-65.	4.1	42
480	Does Higher Intraoperative Fraction of Inspired Oxygen Improve Complication Rates Following Implant-Based Breast Reconstruction?. <i>Aesthetic Surgery Journal Open Forum</i> , 0, , .	0.5	0
482	The Oral Wound Healing Potential of Thai Propolis Based on Its Antioxidant Activity and Stimulation of Oral Fibroblast Migration and Proliferation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-17.	0.5	3
483	Effect of GaAlAs 940nm Photobiomodulation on palatal wound healing after free gingival graft surgery: a split mouth randomized controlled clinical trial. <i>BMC Oral Health</i> , 2022, 22, .	0.8	6
484	Histopathological study of using Fetal caprine acellular dermal matrix alone and in combination with Non-thermal plasma in healing of full-thickness acute skin wounds in bucks. <i>International Journal of Health Sciences</i> , 0, , 8784-8806.	0.0	1
485	RJX Improves Wound Healing in Diabetic Rats. <i>Frontiers in Endocrinology</i> , 2022, 13, .	1.5	3
486	Shape Memory Polymer Foams with Phenolic Acid-Based Antioxidant Properties. <i>Antioxidants</i> , 2022, 11, 1105.	2.2	5
487	Synthesis of Prussian Blue Nanoparticles and Their Antibacterial, Antiinflammation and Antitumor Applications. <i>Pharmaceutics</i> , 2022, 15, 769.	1.7	13

#	ARTICLE	IF	CITATIONS
488	Enrichment of carbopol gel by natural peptide and clay for improving the burn wound repair process. <i>Polymer Bulletin</i> , 2023, 80, 5101-5122.	1.7	3
490	Tailored Hydrogel Delivering Niobium Carbide Boosts ROS Scavenging and Antimicrobial Activities for Diabetic Wound Healing. <i>Small</i> , 2022, 18, .	5.2	75
491	Enhanced healing efficacy of an optimized gabapentin-melittin nanoconjugate gel-loaded formulation in excised wounds of diabetic rats. <i>Drug Delivery</i> , 2022, 29, 1892-1902.	2.5	6
492	PROPOLIS AND BEE VENOM IN DIABETIC WOUNDS; A POTENTIAL APPROACH THAT WARRANTS CLINICAL INVESTIGATION. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2015, 12, 1-11.	0.3	2
493	Novel Nanoconjugate of Apamin and Ceftriaxone for Management of Diabetic Wounds. <i>Life</i> , 2022, 12, 1096.	1.1	5
494	The effect of hydroalcoholic extract of <i>Psidium guajava</i> L. on experimentally induced oral mucosal wound in rat. <i>BMC Complementary Medicine and Therapies</i> , 2022, 22, .	1.2	4
495	Antioxidant Silk Fibroin Composite Hydrogel for Rapid Healing of Diabetic Wound. <i>Macromolecular Bioscience</i> , 2022, 22, .	2.1	22
496	Emerging ROS-Modulating Technologies for Augmentation of the Wound Healing Process. <i>ACS Omega</i> , 2022, 7, 30657-30672.	1.6	33
497	Honey: An Advanced Antimicrobial and Wound Healing Biomaterial for Tissue Engineering Applications. <i>Pharmaceutics</i> , 2022, 14, 1663.	2.0	30
498	Development of responsive chitosan-based hydrogels for the treatment of pathogen-induced skin infections. <i>International Journal of Biological Macromolecules</i> , 2022, 219, 1009-1020.	3.6	4
499	Reactive oxygen species scavenging nanofibers with chitosan-stabilized Prussian blue nanoparticles for enhanced wound healing efficacy. <i>International Journal of Biological Macromolecules</i> , 2022, 219, 835-843.	3.6	7
500	Synergy of antioxidant and $M2$ polarization in polyphenol-modified konjac glucomannan dressing for remodeling wound healing microenvironment. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	7
501	H ₂ O ₂ -activated in situ polymerization of aniline derivative in hydrogel for real-time monitoring and inhibition of wound bacterial infection. <i>Biomaterials</i> , 2022, 289, 121798.	5.7	26
502	Scavenging ROS and inflammation produced during treatment to enhance the wound repair efficacy of photothermal injectable hydrogel. , 2022, 141, 213096.		8
503	The effects of polarized photobiomodulation on cellular viability, proliferation, mitochondrial membrane potential and apoptosis in human fibroblasts: Potential applications to wound healing. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 236, 112574.	1.7	7
504	Chronic respiratory failure correction in cicatricial laryngeal and tracheal stenosis using helium-oxygen mixture. <i>Vestnik Otorinolaringologii</i> , 2022, 87, 63.	0.0	0
505	Skin microbiota and its role in health and disease with an emphasis on wound healing and chronic wound development. , 2022, , 297-311.		1
506	Effects of Hair Follicle Stem Cells Coupled With Polycaprolactone Scaffold on Cutaneous Wound Healing in Diabetic Male Rats. <i>Journal of Surgical Research</i> , 2023, 281, 200-213.	0.8	2

#	ARTICLE	IF	CITATIONS
507	Effectiveness of Copper Nanoparticles in Wound Healing Process Using In Vivo and In Vitro Studies: A Systematic Review. <i>Pharmaceutics</i> , 2022, 14, 1838.	2.0	15
509	The biological and physiological impact of the performance of wound dressings. <i>International Wound Journal</i> , 2023, 20, 1292-1303.	1.3	14
510	A Combination Therapy Using Electrical Stimulation and Adaptive, Conductive Hydrogels Loaded with Self-Assembled Nanogels Incorporating Short Interfering RNA Promotes the Repair of Diabetic Chronic Wounds. <i>Advanced Science</i> , 2022, 9, .	5.6	31
511	Driving adult tissue repair via re-engagement of a pathway required for fetal healing. <i>Molecular Therapy</i> , 2023, 31, 454-470.	3.7	7
512	The potential of functionalized dressing releasing flavonoids facilitates scar-free healing. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	2
513	The role of mitochondria in the pathogenesis of the "complex" wound process. <i>Vestnik Medicinskoga Instituta REAVIZ Reabilitaci, VraĀ ZdorovĒe</i> , 0, , .	0.1	1
514	Comparative Study of the Nutritional Composition and Antioxidant Ability of Soups Made from Wild and Farmed Snakehead Fish (<i>Channa Argus</i>). <i>Foods</i> , 2022, 11, 3294.	1.9	1
515	Calcium Hydride-Based Dressing to Promote Wound Healing. <i>Advanced Healthcare Materials</i> , 2023, 12, .	3.9	7
516	Zinc Oxide Tetrapods Modulate Wound Healing and Cytokine Release In Vitro—A New Antiproliferative Substance in Glaucoma Filtering Surgery. <i>Life</i> , 2022, 12, 1691.	1.1	5
517	Dehydrozingerone promotes healing of diabetic foot ulcers: a molecular insight. <i>Journal of Cell Communication and Signaling</i> , 2023, 17, 673-688.	1.8	1
518	ALDH3B1 protects interfollicular epidermal cells against lipid peroxidation via the NRF2 pathway. <i>Cell Stress and Chaperones</i> , 2022, 27, 703-715.	1.2	5
519	Wound Healing versus Metastasis: Role of Oxidative Stress. <i>Biomedicines</i> , 2022, 10, 2784.	1.4	4
520	Thermosensitive Hydrogel Loaded with Nickel-Copper Bimetallic Hollow Nanospheres with SOD and CAT Enzymatic-Like Activity Promotes Acute Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 50677-50691.	4.0	32
521	Wound healing activity of aqueous dispersion of fullerene C60 produced by "green technology": Nanomedicine: Nanotechnology, Biology, and Medicine, 2023, 47, 102619.	1.7	7
522	The evaluation of the effects of natural zeolite (Clinoptilolite) in diabetic rats on bone healing in dental extracting socket. <i>Journal of Oral Biology and Craniofacial Research</i> , 2023, 13, 36-40.	0.8	1
523	Multistage ROS-Responsive and Natural Polyphenol-Driven Prodrug Hydrogels for Diabetic Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 52643-52658.	4.0	29
524	Recent Advancement of Functional Hydrogels toward Diabetic Wound Management. <i>ACS Omega</i> , 2022, 7, 43364-43380.	1.6	8
525	A Shape-Adaptive Gallic Acid Driven Multifunctional Adhesive Hydrogel Loaded with Scolopin2 for Wound Repair. <i>Pharmaceutics</i> , 2022, 15, 1422.	1.7	6

#	ARTICLE	IF	CITATIONS
526	Novel ROS-scavenging hydrogel with enhanced anti-inflammation and angiogenic properties for promoting diabetic wound healing. , 2023, 144, 213226.		8
527	Resolving Geroplasticity to the Balance of Rejuvenins and Geriatrins. , 2022, 13, 1664.		0
528	Phosphorylated chitosan accelerates dermal wound healing in diabetic wistar rats. Glycoconjugate Journal, 2023, 40, 19-31.	1.4	10
529	Reoxygenation Modulates the Adverse Effects of Hypoxia on Wound Repair. International Journal of Molecular Sciences, 2022, 23, 15832.	1.8	4
530	Platelet-derived mitochondria transfer facilitates wound-closure by modulating ROS levels in dermal fibroblasts. Platelets, 2023, 34, .	1.1	6
531	The effects of low power laser light at 661Ånm on wound healing in a scratch assay fibroblast model. Lasers in Medical Science, 2023, 38, .	1.0	3
532	Challenges faced in developing an ideal chronic wound model. Expert Opinion on Drug Discovery, 2023, 18, 99-114.	2.5	3
533	Real-time Monitoring of Wound States via Rationally Engineered Biosensors. , 2024, 3, .		1
534	Extracellular-matrix-mimicked 3D nanofiber and hydrogel interpenetrated wound dressing with a dynamic autoimmune-derived healing regulation ability based on wound exudate. Biofabrication, 2023, 15, 015021.	3.7	2
535	Single nucleotide variations in the development of diabetic foot ulcer: A narrative review. World Journal of Diabetes, 0, 13, 1140-1153.	1.3	2
536	Bilayer scaffold from PLGA/fibrin electrospun membrane and fibrin hydrogel layer supports wound healing in vivo. Biomedical Materials (Bristol), 0, , .	1.7	3
537	Pien-tze-huang promotes wound healing in streptozotocin-induced diabetes models associated with improving oxidative stress via the Nrf2/ARE pathway. Frontiers in Pharmacology, 0, 14, .	1.6	1
538	Bilayer dressing based on aerogel/electrospun mats with self-catalytic hydrogen sulfide generation and enhanced antioxidant ability. Journal of Materials Chemistry B, 2023, 11, 1008-1019.	2.9	7
539	A ROS balance system with medication and photothermal therapy ability for burn treatment. Journal of Science: Advanced Materials and Devices, 2023, 8, 100534.	1.5	2
540	Chronic Gastric Ulcer Healing Actions of the Aqueous Extracts of Staple Plant Foods of the North-West, Adamawa, and West Regions of Cameroon. BioMed Research International, 2023, 2023, 1-19.	0.9	3
541	Prunus laurocerasus L. extracts prevent paracetamol-induced nephrotoxicity by regulating antioxidant status: an experimental animal model. Hittite Journal of Science & Engineering, 2022, 9, 275-280.	0.2	0
543	A polysaccharide/chitin hydrogel wound dressing from a <i>Periplanattica americana</i> residue: coagulation, antioxidant activity, and wound healing properties. Journal of Biomaterials Science, Polymer Edition, 0, , 1-24.	1.9	0
544	Immunologic, metabolic and genetic impact of diabetes on tuberculosis susceptibility. Frontiers in Immunology, 0, 14, .	2.2	5

#	ARTICLE	IF	CITATIONS
545	In situ 3D-bioprinting MoS ₂ accelerated gelling hydrogel scaffold for promoting chronic diabetic wound healing. <i>Matter</i> , 2023, 6, 1000-1014.	5.0	19
547	Nanotherapeutic potential of antibacterial folic acid-functionalized nanoceria for wound-healing applications. <i>Nanomedicine</i> , 2023, 18, 109-123.	1.7	7
548	Hyperbaric Oxygen as an Adjunct in the Treatment of Venous Ulcers: A Systematic Review. <i>Vascular and Endovascular Surgery</i> , 2023, 57, 607-616.	0.3	1
549	Antioxidant, antibacterial, and anti-inflammatory <i>Periplaneta americana</i> remnant chitosan/polysaccharide composite film: In vivo wound healing application evaluation. <i>International Journal of Biological Macromolecules</i> , 2023, 237, 124068.	3.6	2
550	Utilizing Robust Design to Optimize Composite Bioadhesive for Promoting Dermal Wound Repair. <i>Polymers</i> , 2023, 15, 1905.	2.0	0
551	Therapeutic effect of propolis nanoparticles on wound healing. <i>Journal of Drug Delivery Science and Technology</i> , 2023, 82, 104284.	1.4	1
553	Nanoemulsions of Clove Oil Stabilized with Chitosan Oleate as Antioxidant and Wound-Healing Activity. <i>Antioxidants</i> , 2023, 12, 273.	2.2	4
554	Injectable Intrinsic Photothermal Hydrogel Bioadhesive with On-Demand Removability for Wound Closure and MRSA-Infected Wound Healing. <i>Advanced Healthcare Materials</i> , 2023, 12, .	3.9	26
555	Epigallocatechin gallate-loaded pH-responsive dressing with effective antioxidant, antibacterial and anti-biofilm properties for wound healing. <i>Materials and Design</i> , 2023, 227, 111701.	3.3	5
556	Preliminary Structural Characterization of Selenium Nanoparticle Composites Modified by Astragalus Polysaccharide and the Cytotoxicity Mechanism on Liver Cancer Cells. <i>Molecules</i> , 2023, 28, 1561.	1.7	7
557	The Fin-Improving Effects of Fucosylated Chondroitin Sulfate from Green and Purple <i>Apostichopus japonicus</i> on Caudal Fin Regeneration of Zebrafish Larvae. <i>Aquaculture Research</i> , 2023, 2023, 1-11.	0.9	1
558	Wound healing mechanisms of <i>Couroupita guianensis</i> fruit pulp: An ethnomedicine used by traditional healers in India. <i>Natural Product Research</i> , 2024, 38, 634-638.	1.0	0
559	Status and Future Scope of Soft Nanoparticles-Based Hydrogel in Wound Healing. <i>Pharmaceutics</i> , 2023, 15, 874.	2.0	11
560	Reactive Oxygen Species-Responsive Compounds: Properties, Design, and Applications. <i>ACS Symposium Series</i> , 0, , 181-201.	0.5	0
561	Cordycepin- melittin nanoconjugate intensifies wound healing efficacy in diabetic rats. <i>Saudi Pharmaceutical Journal</i> , 2023, 31, 736-745.	1.2	1
562	Mechanisms of Nrf2 and NF- κ B pathways in diabetic wound and potential treatment strategies. <i>Molecular Biology Reports</i> , 2023, 50, 5355-5367.	1.0	1
563	Hyperbaric Oxygen Therapy Reduces Oxidative Stress and Inflammation, and Increases Growth Factors Favouring the Healing Process of Diabetic Wounds. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7040.	1.8	12
564	Oxygen nanobubble water affects wound healing of fibroblast WI-38 cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2023, 87, 620-626.	0.6	2

#	ARTICLE	IF	CITATIONS
565	Responsive hydrogel dressings for intelligent wound management. , 2023, 1, .		28
566	Nanozyme-Based Supramolecular Self-Assembly As an Artificial Host Defense System For Treatment of Bacterial Infections. Small, 2023, 19, .	5.2	4
574	Lignin and Its Composites for Wound Dressing. , 2023, , 203-222.		0
579	An Fe-Mn-S SOD-like nanozyme as an efficient antibacterial agent. New Journal of Chemistry, 2023, 47, 10493-10496.	1.4	1
587	Antioxidant Carriers. , 2023, , 147-169.		0
596	The Wound Healing Process. , 2023, , 37-53.		0
597	A mini review on smart wound dressings for detection and treatment of bacterial infections. AIP Conference Proceedings, 2023, , .	0.3	0
607	Multifunctional mesoporous silica nanoparticles for biomedical applications. Signal Transduction and Targeted Therapy, 2023, 8, .	7.1	7