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Inflammation and metabolism in tissue repair and regeneration

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#	Paper	IF	Citations
650	Cardiac regeneration strategies: Staying young at heart. <i>Science</i> , 2017 , 356, 1035-1039	33.3	187
649	Mechanisms of urodele limb regeneration. 2017 , 4, 159-200		50
648	Mononuclear Diploidy at the Heart of Cardiomyocyte Proliferation. 2017 , 21, 421-422		2
647	Renal Macrophages and Dendritic Cells in SLE Nephritis. 2017 , 19, 81		29
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645	New developments on skin fibrosis - Essential signals emanating from the extracellular matrix for the control of myofibroblasts. 2018 , 68-69, 522-532		43
644	Fat Body Cells Are Motile and Actively Migrate to Wounds to Drive Repair and Prevent Infection. 2018 , 44, 460-470.e3		48
643	Therapeutic approaches to control tissue repair and fibrosis: Extracellular matrix as a game changer. 2018 , 71-72, 205-224		102
642	A Novel S100A8/A9 Induced Fingerprint of Mesenchymal Stem Cells associated with Enhanced Wound Healing. 2018 , 8, 6205		16
641	Regulation of melanocyte stem cell behavior by the niche microenvironment. 2018 , 31, 556-569		13
640	Injury- and inflammation-driven skin fibrosis: The paradigm of epidermolysis bullosa. 2018 , 68-69, 547-560		33
639	The effect of interleukin-8 truncations on its interactions with glycosaminoglycans. 2018 , 109, e23103		13
638	The Formation and Function of Granulomas. 2018 , 36, 639-665		121
637	The big five in fibrosis: Macrophages, myofibroblasts, matrix, mechanics, and miscommunication. 2018 , 68-69, 81-93		173
636	Accelerated wound healing in mice by on-site production and delivery of CXCL12 by transformed lactic acid bacteria. 2018 , 115, 1895-1900		56
635	Advances in Understanding the Molecular Basis of the Mediterranean Diet Effect. 2018 , 9, 227-249		29
634	Scarring vs. functional healing: Matrix-based strategies to regulate tissue repair. 2018 , 129, 407-419		50

633	Immune regulation by monocytes. 2018 , 35, 12-18	56
632	Editorial: Geriatrics in the 21st Century. 2018 , 22, 186-190	1
631	Potential of silk sericin based nanofibrous mats for wound dressing applications. 2018 , 90, 420-432	70
630	Identification and Complete Stereochemical Assignments of the New Resolvin Conjugates in Tissue Regeneration in Human Tissues that Stimulate Proresolving Phagocyte Functions and Tissue Regeneration. 2018 , 188, 950-966	33
629	Re-thinking our understanding of immunity: Robustness in the tissue reconstruction system. 2018 , 36, 45-55	3
628	The Common Cytokine Receptor γ Chain Family of Cytokines. 2018 , 10,	60
627	New pro-resolving n-3 mediators bridge resolution of infectious inflammation to tissue regeneration. 2018 , 64, 1-17	134
626	Type 2 immunity in tissue repair and fibrosis. 2018 , 18, 62-76	396
625	Nonresolving macrophage-mediated inflammation in malignancy. 2018 , 285, 641-653	21
624	Learning from regeneration research organisms: The circuitous road to scar free wound healing. 2018 , 433, 144-154	36
623	Chemical warfare agents. Classes and targets. 2018 , 293, 253-263	34
622	Determinants of fibrosis progression and regression in NASH. 2018 , 68, 238-250	213
621	Melatonin alleviates adipose inflammation through elevating β ketoglutarate and diverting adipose-derived exosomes to macrophages in mice. 2018 , 64, e12455	83
620	Inhibition of neogenin fosters resolution of inflammation and tissue regeneration. 2018 , 128, 4711-4726	17
619	Proteomic analysis of RAW macrophages treated with cGAMP or c-di-GMP reveals differentially activated cellular pathways.. 2018 , 8, 36840-36851	11
618	The regulation of the homeostasis and regeneration of peripheral nerve is distinct from the CNS and independent of a stem cell population. 2018 , 145,	36
617	The Development of Serum Amyloid P as a Possible Therapeutic. 2018 , 9, 2328	28
616	Metabolic regulation of infection and inflammation. 2018 , 112, 1-11	11

615	The E3 ligase VHL controls alveolar macrophage function via metabolic-epigenetic regulation. 2018 , 215, 3180-3193	19
614	Parallels between vertebrate cardiac and cutaneous wound healing and regeneration. 2018 , 3, 21	16
613	Distinct Migratory Properties of M1, M2, and Resident Macrophages Are Regulated by β -Catenin and β -Integrin-Mediated Adhesion. 2018 , 9, 2650	39
612	Preparation of gelatin/genipin nanofibrous membrane for tympanic membrane repair. 2018 , 29, 2154-2167	16
611	Wnt/ β -Catenin Signaling as a Potential Target for the Treatment of Liver Cirrhosis Using Antifibrotic Drugs. 2018 , 19,	50
610	[Current pathophysiological developments in fibrosing diseases: insights into novel treatment concepts]. 2018 , 69, 885-891	
609	Fungal Component Coating Enhances Titanium Implant-Bone Integration. 2018 , 28, 1804483	16
608	Targeting in neutrophils enhances the clearance of infected wounds. 2018 , 10,	24
607	Wound Healing Research at the Hagey Laboratory for Pediatric Regenerative Medicine at Stanford University School of Medicine. 2018 , 7, 257-261	
606	Wound Healing and Omega-6 Fatty Acids: From Inflammation to Repair. 2018 , 2018, 2503950	43
605	Linking wound response and inflammation to regeneration in the zebrafish larval fin. 2018 , 62, 473-477	16
604	Characterizing the Key Metabolic Pathways of the Neonatal Mouse Heart Using a Quantitative Combinatorial Omics Approach. 2018 , 9, 365	25
603	Myocardial infarction remodeling that progresses to heart failure: a signaling misunderstanding. 2018 , 315, H71-H79	39
602	Mesenchymal Stromal Cell Preconditioning: The Next Step Toward a Customized Treatment For Severe Burn. 2018 , 27, 1385-1405	9
601	Metabolic reprogramming in the pathogenesis of chronic lung diseases, including BPD, COPD, and pulmonary fibrosis. 2018 , 314, L544-L554	54
600	Regulatory T-Cells: Potential Regulator of Tissue Repair and Regeneration. 2018 , 9, 585	125
599	Role of p53 in the Regulation of the Inflammatory Tumor Microenvironment and Tumor Suppression. 2018 , 10,	57
598	PPAR γ Linking Metabolism to Regeneration. 2018 , 19,	40

597	Long-term In Vivo Tracking of Inflammatory Cell Dynamics Within Drosophila Pupae. 2018 ,	2
596	Radiation-induced pulmonary gene expression changes are attenuated by the CTGF antibody Pamrevlumab. 2018 , 19, 14	12
595	MARCKS and MARCKS-like proteins in development and regeneration. 2018 , 25, 43	39
594	Requirement for and polarized localization of integrin proteins during Drosophila wound closure. 2018 , 29, 2137-2147	9
593	Distribution of oxidized DJ-1 in Parkinson's disease-related sites in the brain and in the peripheral tissues: effects of aging and a neurotoxin. 2018 , 8, 12056	17
592	Regulatory T Cells Promote Apelin-Mediated Sprouting Angiogenesis in Type 2 Diabetes. 2018 , 24, 1610-1626	41
591	Profiling the circulating miRnome reveals a temporal regulation of the bone injury response. 2018 , 8, 3902-3917	8
590	Bioinspired Multifunctional Hybrid Hydrogel Promotes Wound Healing. 2018 , 28, 1801386	151
589	Identification and functional analysis of inflammation-related miRNAs in skin wound repair. 2018 , 60, 306-315	15
588	Myeloid Cell-Restricted STAT3 Signaling Controls a Cell-Autonomous Antifibrotic Repair Program. 2018 , 201, 663-674	11
587	Tissue engineering toward temporomandibular joint disc regeneration. 2018 , 10,	45
586	Type 3 cytokines in liver fibrosis and liver cancer. 2019 , 124, 154497	13
585	Cellular Dynamics during Spinal Cord Regeneration in Larval Zebrafish. 2019 , 41, 112-122	7
584	MMP12 Inhibits Corneal Neovascularization and Inflammation through Regulation of CCL2. 2019 , 9, 11579	10
583	Roles of JAK2 in Aging, Inflammation, Hematopoiesis and Malignant Transformation. 2019 , 8,	62
582	Acceleration of wound healing activity with syringic acid in streptozotocin induced diabetic rats. 2019 , 233, 116728	16
581	Development and epigenetic plasticity of murine Müller glia. 2019 , 1866, 1584-1594	9
580	The Cytokine TNF Promotes Transcription Factor SREBP Activity and Binding to Inflammatory Genes to Activate Macrophages and Limit Tissue Repair. 2019 , 51, 241-257.e9	38

579	Bone marrow macrophage M2 polarization and adipose-derived stem cells osteogenic differentiation synergistically promote rehabilitation of bone damage. 2019 , 120, 19891-19901	12
578	Biomaterial-based delivery systems of nucleic acid for regenerative research and regenerative therapy. 2019 , 11, 123-130	16
577	The Hippo and Wnt signalling pathways: crosstalk during neoplastic progression in gastrointestinal tissue. 2019 , 286, 3745-3756	32
576	Enrichment of CD146 Adipose-Derived Stem Cells in Combination with Articular Cartilage Extracellular Matrix Scaffold Promotes Cartilage Regeneration. 2019 , 9, 5105-5121	37
575	Cold atmospheric plasma modulates endothelial nitric oxide synthase signalling and enhances burn wound neovascularisation. 2019 , 249, 368-380	37
574	Prolonged neutrophil retention in the wound impairs zebrafish heart regeneration after cryoinjury. 2019 , 94, 447-454	9
573	Alaskan Berry Extracts Promote Dermal Wound Repair Through Modulation of Bioenergetics and Integrin Signaling. 2019 , 10, 1058	17
572	Accelerated Bone Regeneration by Gold-Nanoparticle-Loaded Mesoporous Silica through Stimulating Immunomodulation. 2019 , 11, 41758-41769	40
571	Parenteral re-exposure to an immunologically tolerated protein up to 6h after skin injuries improves wound healing in diabetic mice. 2019 , 6, 100022	
570	Research on IPMSM position decoupling control without filter. 2019 , 1303, 012079	
569	The role of nitric oxide during embryonic wound healing. 2019 , 20, 815	11
568	Insights into Early Recovery from Influenza Pneumonia by Spatial and Temporal Quantification of Putative Lung Regenerating Cells and by Lung Proteomics. 2019 , 8,	2
567	Tissue Iron Promotes Wound Repair via M2 Macrophage Polarization and the Chemokine (C-C Motif) Ligands 17 and 22. 2019 , 189, 2196-2208	20
566	The Role of Fibroblast Growth Factor 23 in Inflammation and Anemia. 2019 , 20,	37
565	Integration of inflammation, fibrosis, and cancer induced by carbon nanotubes. 2019 , 13, 1244-1274	34
564	Comparing Sensory Organs to Define the Path for Hair Cell Regeneration. 2019 , 35, 567-589	13
563	CD103 T cells constrain lung fibrosis induced by CD103 tissue-resident pathogenic CD4 T cells. 2019 , 20, 1469-1480	36
562	Metabolic Disease Epidemics: Emerging Challenges in Regenerative Medicine. 2019 , 30, 147-149	6

561	Functionalized cell-free scaffolds for bone defect repair inspired by self-healing of bone fractures: A review and new perspectives. 2019 , 98, 1241-1251	33
560	Disease Tolerance as an Inherent Component of Immunity. 2019 , 37, 405-437	41
559	Peripheral Macrophages Promote Tissue Regeneration in Zebrafish by Fine-Tuning the Inflammatory Response. 2019 , 10, 253	32
558	The antioxidant and DNA-repair enzyme apurinic/apyrimidinic endonuclease 1 limits the development of tubulointerstitial fibrosis partly by modulating the immune system. 2019 , 9, 7823	3
557	The healing effect of Wharton's jelly stem cells seeded on biological scaffold in chronic skin ulcers: A randomized clinical trial. 2019 , 18, 1961-1967	36
556	Schwann cell plasticity-roles in tissue homeostasis, regeneration, and disease. 2019 , 67, 2203-2215	39
555	Short exposure to cold atmospheric plasma induces senescence in human skin fibroblasts and adipose mesenchymal stromal cells. 2019 , 9, 8671	12
554	Muscle-strain injury exudate favors acute tissue healing and prolonged connective tissue formation in humans. 2019 , 33, 10369-10382	6
553	M2 macrophages promote pulmonary endothelial cells regeneration in sepsis-induced acute lung injury. 2019 , 7, 142	23
552	Advances in heart regeneration based on cardiomyocyte proliferation and regenerative potential of binucleated cardiomyocytes and polyploidization. 2019 , 133, 1229-1253	32
551	Layered Double Hydroxides Are Promising Nanomaterials for Tissue Bioengineering Application. 2019 , 3, e1800238	7
550	The Healing Power of Neutrophils. 2019 , 40, 635-647	77
549	Regenerative Potential Across Species: An Eco-Evo-Devo Perspective. 2019 , 197-214	2
548	Leukemia inhibitory factor promotes the regeneration of rat uterine horns with full-thickness injury. 2019 , 27, 477-487	6
547	Gene expression profiling distinguishes prefibrotic from overtly fibrotic myeloproliferative neoplasms and identifies disease subsets with distinct inflammatory signatures. 2019 , 14, e0216810	11
546	Electrospun Fibers of Polyester, with Both Nano- and Micron Diameters, Loaded with Antioxidant for Application as Wound Dressing or Tissue Engineered Scaffolds. 2019 , 1, 1096-1106	6
545	3D chitosan scaffolds impair NLRP3 inflammasome response in macrophages. 2019 , 91, 123-134	15
544	Dynamic fibroblast contractions attract remote macrophages in fibrillar collagen matrix. 2019 , 10, 1850	76

543	Lipoxygenase drives lipidomic and metabolic reprogramming in ischemic heart failure. 2019 , 96, 22-32	20
542	Fruit Crude Extract and Fractions Show Anti-Inflammatory, Antioxidant, and Antinociceptive Effect and Increase Cell Viability. 2019 , 2019, 6064805	6
541	Exosomes in Allergic Airway Diseases. 2019 , 19, 26	17
540	Serelaxin enhances the therapeutic effects of human amnion epithelial cell-derived exosomes in experimental models of lung disease. 2019 , 176, 2195-2208	15
539	Fasting-Mimicking Diet Modulates Microbiota and Promotes Intestinal Regeneration to Reduce Inflammatory Bowel Disease Pathology. 2019 , 26, 2704-2719.e6	99
538	A late B lymphocyte action in dysfunctional tissue repair following kidney injury and transplantation. 2019 , 10, 1157	34
537	Immune- and non-immune-mediated roles of regulatory T-cells during wound healing. 2019 , 157, 190-197	26
536	Immunomodulation and cellular response to biomaterials: the overriding role of neutrophils in healing. 2019 , 6, 1122-1137	28
535	Microcirculation After Trochanteric Femur Fractures: A Prospective Cohort Study Using Non-invasive Laser-Doppler Spectrophotometry. 2019 , 10, 236	2
534	TGF- β activation impairs fibroblast ability to support adult lung epithelial progenitor cell organoid formation. 2019 , 317, L14-L28	34
533	Reactive Oxygen Species (ROS)-Based Nanomedicine. 2019 , 119, 4881-4985	776
532	The lung environment controls alveolar macrophage metabolism and responsiveness in type 2 inflammation. 2019 , 20, 571-580	69
531	Enhanced in vivo Optical Imaging of the Inflammatory Response to Acute Liver Injury in C57BL/6 Mice Using a Highly Bright Near-Infrared BODIPY Dye. 2019 , 14, 995-999	4
530	Fibroblasts stimulate macrophage migration in interconnected extracellular matrices through tunnel formation and fiber alignment. 2019 , 209, 88-102	10
529	Immunoregulatory potential of mesenchymal stem cells following activation by macrophage-derived soluble factors. 2019 , 10, 58	76
528	Aromatic constituents from Ganoderma lucidum and their neuroprotective and anti-inflammatory activities. 2019 , 134, 58-64	15
527	Airway macrophages as the guardians of tissue repair in the lung. 2019 , 97, 246-257	61
526	The clinical role of LASER for vulvar and vaginal treatments in gynecology and female urology: An ICS/ISSVD best practice consensus document. 2019 , 38, 1009-1023	31

525	Macrophage metabolism: a wound-healing perspective. 2019 , 97, 268-278	9
524	Mediators of the Resolution of the Inflammatory Response. 2019 , 40, 212-227	79
523	Mast Cells in Liver Fibrogenesis. 2019 , 8,	20
522	The Role of Maresins in Inflammatory Pain: Function of Macrophages in Wound Regeneration. 2019 , 20,	16
521	Lower Interferon Regulatory Factor-8 Expression in Peripheral Myeloid Cells Tracks With Adverse Central Nervous System Outcomes in Treated HIV Infection. 2019 , 10, 2789	
520	Tendon healing in presence of chronic low-level inflammation: a systematic review. 2019 , 132, 97-116	21
519	The Clinical Role of LASER for Vulvar and Vaginal Treatments in Gynecology and Female Urology: An ICS/ISSVD Best Practice Consensus Document. 2019 , 23, 151-160	22
518	B Cell Recruitment Follows Kidney Injury and Maladaptive Repair. 2019 , 103, 1527-1529	
517	The interaction of ceramide 1-phosphate with group IVA cytosolic phospholipase A coordinates acute wound healing and repair. 2019 , 12,	10
516	Wound Healing and Its Imaging. 2019 , 15-34	
515	Static Magnetic Field Accelerates Diabetic Wound Healing by Facilitating Resolution of Inflammation. 2019 , 2019, 5641271	17
514	CRISPR-Cas immunity: beyond nonself and defence. 2019 , 34, 1	2
513	The role of macrophages in nonalcoholic fatty liver disease and nonalcoholic steatohepatitis. 2019 , 16, 145-159	284
512	Treatment-Induced Tumor Cell Apoptosis and Secondary Necrosis Drive Tumor Progression in the Residual Tumor Microenvironment through MerTK and IDO1. 2019 , 79, 171-182	28
511	The link between wound healing and escape from tumor dormancy. 2019 , 28, 50-56	4
510	Introduction to Wound Healing and Tissue Repair. 2019 , 39-41	2
509	Integrative Analysis of MicroRNAome, Transcriptome, and Proteome during the Limb Regeneration of <i>Cynops orientalis</i> . 2019 , 18, 1088-1098	4
508	Wound Healing Effect of Essential Oil Extracted from DC (<i>Myrtaceae</i>) Leaves. 2018 , 24,	19

507	Electrospinning tissue engineering and wound dressing scaffolds from polymer-titanium dioxide nanocomposites. 2019 , 358, 1262-1278	121
506	miR-223 promotes regenerative myeloid cell phenotype and function in the demyelinated central nervous system. 2019 , 67, 857-869	24
505	Commensal-specific T cell plasticity promotes rapid tissue adaptation to injury. <i>Science</i> , 2019 , 363, 33-3	131
504	Iron and iron-dependent reactive oxygen species in the regulation of macrophages and fibroblasts in non-healing chronic wounds. 2019 , 133, 262-275	21
503	The inflammasome in host response to biomaterials: Bridging inflammation and tissue regeneration. 2019 , 83, 1-12	50
502	Extracellular matrix contribution to skin wound re-epithelialization. 2019 , 75-76, 12-26	96
501	Regenerative robotics. 2020 , 112, 131-136	4
500	Specific macrophage populations promote both cardiac scar deposition and subsequent resolution in adult zebrafish. 2020 , 116, 1357-1371	42
499	General Features of Autoimmune Disease. 2020 , 17-44	4
498	Health-Promoting Properties of Proanthocyanidins for Intestinal Dysfunction. 2020 , 12,	27
497	Exosomal PD-L1 functions as an immunosuppressant to promote wound healing. 2019 , 9, 1709262	23
496	A dual-action peptide-containing hydrogel targets wound infection and inflammation. 2020 , 12,	47
495	Data-Independent Acquisition-Based Quantitative Proteomics Analysis Reveals Dynamic Network Profiles during the Macrophage Inflammatory Response. 2020 , 20, e1900203	3
494	Choice and characterization of preclinical models - Towards understanding wound healing. 2020 , 46, 251-253	
493	How the redox state regulates immunity. 2020 , 157, 3-14	21
492	TGF- β - A truly transforming growth factor in fibrosis and immunity. 2020 , 101, 123-139	117
491	Time for a paradigm shift in treating type 1 diabetes mellitus: coupling inflammation to islet regeneration. 2020 , 104, 154137	11
490	Nanotechnology for Medical and Surgical Glaucoma Therapy-A Review. 2020 , 37, 155-199	19

489	Interleukin-10 Deficiency Alters Endothelial Progenitor Cell-Derived Exosome Reparative Effect on Myocardial Repair via Integrin-Linked Kinase Enrichment. 2020 , 126, 315-329	49
488	Paracrine signalling from monocytes enables desirable extracellular matrix accumulation and temporally appropriate phenotype of vascular smooth muscle cell-like cells derived from adipose stromal cells. 2020 , 103, 129-141	8
487	Zebrafish: An Emerging Model for Orthopedic Research. 2020 , 38, 925-936	19
486	Recapitulating human tissue damage, repair, and fibrosis with human pluripotent stem cell-derived organoids. 2020 , 38, 318-329	4
485	Fault Tolerant Control in Shape-Changing Internal Robots. 2020 ,	1
484	Potential application of mesenchymal stem cells and their exosomes in lung injury: an emerging therapeutic option for COVID-19 patients. 2020 , 11, 437	28
483	Peptide DR8 suppresses epithelial-to-mesenchymal transition via the TGF- β /MAPK signaling pathway in renal fibrosis. 2020 , 261, 118465	8
482	The relationship between high-signal intensity changes in the glenohumeral joint capsule on MRI and clinical shoulder symptoms. 2020 , 22, 27-33	
481	N-Acetyl Cysteine Modulates the Inflammatory and Oxidative Stress Responses of Rescued Growth-Arrested Dental Pulp Microtissues Exposed to TEGDMA in ECM. 2020 , 21,	2
480	Diosgenin inhibits TGF- β /Smad signaling and regulates epithelial mesenchymal transition in experimental pulmonary fibrosis. 2020 , 1-12	3
479	Advanced Polymer-Based Drug Delivery Strategies for Meniscal Regeneration. 2021 , 27, 266-293	3
478	Asymmetric Membranes: A Potential Scaffold for Wound Healing Applications. 2020 , 12, 1100	23
477	A modified negative pressure wound therapy for the treatment of refractory wounds: A preliminary study. 2020 , 99, e21148	1
476	Macrophage Dysregulation and Impaired Skin Wound Healing in Diabetes. 2020 , 8, 528	34
475	Notch signal deficiency alleviates hypertrophic scar formation after wound healing through the inhibition of inflammation. 2020 , 682, 108286	6
474	Pulmonary pyruvate metabolism as an index of inflammation and injury in a rat model of acute respiratory distress syndrome. 2020 , 33, e4380	1
473	Nanosized concave pit/convex dot microarray for immunomodulatory osteogenesis and angiogenesis. 2020 , 12, 16474-16488	9
472	Macrophage modulation of dental pulp stem cell activity during tertiary dentinogenesis. 2020 , 10, 20216	7

471	Association of hyaluronic acid with a deproteinized bovine graft improves bone repair and increases bone formation in critical-size bone defects. 2021 , 92, 1646-1658	4
470	A blueprint for translational regenerative medicine. 2020 , 12,	7
469	Fibrosis and cancer: shared features and mechanisms suggest common targeted therapeutic approaches. 2020 ,	7
468	Platelets and Regulatory T Cells May Induce a Type 2 Immunity That Is Conducive to the Progression and Fibrogenesis of Endometriosis. 2020 , 11, 610963	9
467	Adipose-derived mesenchymal stem cell spheroid sheet accelerates regeneration of ulcerated oral mucosa by enhancing inherent therapeutic properties. 2020 , 91, 296-310	6
466	Complex Tissue Regeneration in Mammals Is Associated With Reduced Inflammatory Cytokines and an Influx of T Cells. 2020 , 11, 1695	8
465	Dual Cross-linked HHA Hydrogel Supplies and Regulates M α for Synergistic Improvement of Immunocompromise and Impaired Angiogenesis to Enhance Diabetic Chronic Wound Healing. 2020 , 21, 3795-3806	22
464	Artificial dermal substitutes for tissue regeneration: comparison of the clinical outcomes and histological findings of two templates. 2020 , 48, 300060520945508	10
463	Advancements in the Delivery of Growth Factors and Cytokines for the Treatment of Cutaneous Wound Indications. 2021 , 10, 596-622	4
462	Macrophages in the pancreas: Villains by circumstances, not necessarily by actions. 2020 , 8, 807-824	7
461	Vascular Tissue Engineering: Pathological Considerations, Mechanisms, and Translational Implications. 2020 , 95-134	2
460	Activation of TRPA1 nociceptor promotes systemic adult mammalian skin regeneration. 2020 , 5,	8
459	Physical plasma therapy accelerates wound re-epithelialisation and enhances extracellular matrix formation in cutaneous skin grafts. 2020 , 252, 451-464	11
458	Deregulated immune cell recruitment orchestrated by FOXM1 impairs human diabetic wound healing. 2020 , 11, 4678	45
457	Systemic Immunometabolism: Challenges and Opportunities. 2020 , 53, 496-509	30
456	The hallmarks of cancer are also the hallmarks of wound healing. 2020 , 13,	36
455	Inhibition of inflammatory CCR2 signaling promotes aged muscle regeneration and strength recovery after injury. 2020 , 11, 4167	20
454	Serum metabolites as biomarkers in systemic sclerosis-associated interstitial lung disease. 2020 , 10, 21912	1

453	Novel use for old drugs: The emerging role of artemisinin and its derivatives in fibrosis. 2020 , 157, 104829	15
452	Remodeling of aligned fibrous extracellular matrix by encapsulated cells under mechanical stretching. 2020 , 112, 202-212	4
451	Building bridges, not walls: spinal cord regeneration in zebrafish. 2020 , 13,	15
450	Myeloid ALX/FPR2 regulates vascularization following tissue injury. 2020 , 117, 14354-14364	15
449	Gene regulatory programmes of tissue regeneration. 2020 , 21, 511-525	36
448	Human Intestinal Mononuclear Phagocytes in Health and Inflammatory Bowel Disease. 2020 , 11, 410	25
447	Sequential Delivery of Cryogel Released Growth Factors and Cytokines Accelerates Wound Healing and Improves Tissue Regeneration. 2020 , 8, 345	22
446	TLR4-dependent shaping of the wound site by MSCs accelerates wound healing. 2020 , 21, e48777	21
445	Synthesis and biological evaluation of parthenolide derivatives with reduced toxicity as potential inhibitors of the NLRP3 inflammasome. 2020 , 30, 127399	5
444	Role of MIF Cytokine/CD74 Receptor Pathway in Protecting Against Injury and Promoting Repair. 2020 , 11, 1273	20
443	Albumin is a secret factor involved in multidirectional interactions among the serotonergic, immune and endocrine systems that supervises the mechanism of CYP1A and CYP3A regulation in the liver. 2020 , 215, 107616	1
442	T Cells in Fibrosis and Fibrotic Diseases. 2020 , 11, 1142	44
441	Engineered biomaterials for in situ tissue regeneration. 2020 , 5, 686-705	157
440	Strategies for Tuning the Biodegradation of Silk Fibroin-Based Materials for Tissue Engineering Applications. 2020 , 6, 1290-1310	25
439	Wounding triggers MIRO-1 dependent mitochondrial fragmentation that accelerates epidermal wound closure through oxidative signaling. 2020 , 11, 1050	23
438	Injectable phosphopullulan-functionalized calcium-silicate cement for pulp-tissue engineering: An in-vivo and ex-vivo study. 2020 , 36, 512-526	8
437	Tendon and ligament mechanical loading in the pathogenesis of inflammatory arthritis. 2020 , 16, 193-207	59
436	Febrile Temperature Critically Controls the Differentiation and Pathogenicity of T Helper 17 Cells. 2020 , 52, 328-341.e5	28

435	Exercise enhances skeletal muscle regeneration by promoting senescence in fibro-adipogenic progenitors. 2020 , 11, 889	44
434	Erdheim-Chester disease: An in vivo human model of M ϕ activation at the crossroad between chronic inflammation and cancer. 2020 , 108, 591-599	5
433	Scars or Regeneration?-Dermal Fibroblasts as Drivers of Diverse Skin Wound Responses. 2020 , 21,	32
432	Are Liver Pericytes Just Precursors of Myofibroblasts in Hepatic Diseases? Insights from the Crosstalk between Perivascular and Inflammatory Cells in Liver Injury and Repair. 2020 , 9,	10
431	Treg Heterogeneity, Function, and Homeostasis. 2019 , 10, 3100	101
430	CD74 Signaling Links Inflammation to Intestinal Epithelial Cell Regeneration and Promotes Mucosal Healing. 2020 , 10, 101-112	12
429	Hepatocellular Carcinoma Mechanisms Associated with Chronic HCV Infection and the Impact of Direct-Acting Antiviral Treatment. 2020 , 7, 45-76	27
428	Uncovering noncanonical autophagy in dermal dendritic cells in contact hypersensitivity: A key mechanism of immune tolerance. 2020 , 145, 1363-1364	
427	The scent of death: a metabolic goodbye signal emitted by dying cells. 2020 , 27, 2030-2032	0
426	Adiponectin and Its Mimics on Skeletal Muscle: Insulin Sensitizers, Fat Burners, Exercise Mimickers, Muscling Pills Or Everything Together?. 2020 , 21,	16
425	Orf Virus IL-10 and VEGF-E Act Synergistically to Enhance Healing of Cutaneous Wounds in Mice. 2020 , 9,	7
424	Absorbable Thioether Grafted Hyaluronic Acid Nanofibrous Hydrogel for Synergistic Modulation of Inflammation Microenvironment to Accelerate Chronic Diabetic Wound Healing. 2020 , 9, e2000198	41
423	Magnesium-organic framework-based stimuli-responsive systems that optimize the bone microenvironment for enhanced bone regeneration. 2020 , 396, 125241	28
422	Spatial Metabolomics and Imaging Mass Spectrometry in the Age of Artificial Intelligence. 2020 , 3, 61-87	49
421	CD8 T-cell plasticity regulates vascular regeneration in type-2 diabetes. 2020 , 10, 4217-4232	14
420	Decoding Sex-Biased Gene Expression Patterns in Heart Disease. 2020 , 95, 636-638	
419	Hydrogel-Based Multifunctional Dressing Combining Magnetothermally Responsive Drug Delivery and Stem Cell Therapy for Enhanced Wound Healing. 2020 , 3, 2000001	7
418	Immediate intervention effect of dielectric barrier discharge on acute inflammation in rabbit ear wound. 2020 , 10, 025008	6

417	Extracellular S100A4 as a key player in fibrotic diseases. 2020 , 24, 5973-5983	16
416	Metabolic regulation of innate immune cell phenotypes during wound repair and regeneration. 2021 , 68, 72-82	5
415	The "Yin and Yang" of Immunomodulatory Magnesium-Enriched Graphene Oxide Nanoscrolls Decorated Biomimetic Scaffolds in Promoting Bone Regeneration. 2021 , 10, e2000631	12
414	Wound Regeneration. 2021 ,	
413	Hyaluronan, Transforming Growth Factor β and Extra Domain A-Fibronectin: A Fibrotic Triad. 2021 , 10, 137-152	6
412	Thymus involution sets the clock of the aging T-cell landscape: Implications for declined immunity and tissue repair. 2021 , 65, 101231	6
411	Macrophage retrieval from 3D biomaterials: A detailed comparison of common dissociation methods. 2021 , 11, 100035	1
410	Crosstalk between mechanotransduction and metabolism. 2021 , 22, 22-38	69
409	Leptin induces NAFLD progression through infiltrated CD8+ T lymphocytes mediating pyroptotic-like cell death of hepatocytes and macrophages. 2021 , 53, 598-605	3
408	Regulation of the Wound Healing Response during Aging. 2021 , 141, 1063-1070	4
407	Physiological biomarkers in loggerhead turtles (<i>Caretta caretta</i>) as a tool for monitoring sanitary evolution in marine recovery centres. 2021 , 757, 143930	1
406	Panax Notoginseng Saponins suppresses TRPM7 via the PI3K/AKT pathway to inhibit hypertrophic scar formation in vitro. 2021 , 47, 894-905	2
405	Strategies for visualizing inflammation. 2021 , 2, 20200025	7
404	Engineering bioactive synthetic polymers for biomedical applications: a review with emphasis on tissue engineering and controlled release.	6
403	5-HT2B Receptors in Liver. 2021 , 247-264	
402	N-acetyl cysteine ameliorates aortic fibrosis by promoting M2 macrophage polarization in aging mice. 2021 , 26, 170-175	3
401	Recent trends on burn wound care: hydrogel dressings and scaffolds. 2021 , 9, 4523-4540	16
400	Frontline Science: The expression of integrin α 5 β 1 (CD11d/CD18) on neutrophils orchestrates the defense mechanism against endotoxemia and sepsis. 2021 , 109, 877-890	3

399	IL-10 alleviates lipopolysaccharide-induced skin scarring via IL-10R/STAT3 axis regulating TLR4/NF- κ B pathway in dermal fibroblasts. 2021 , 25, 1554-1567	9
398	Nanotheranostics: A Possible Solution for Drug-Resistant and their Biofilms?. 2021 , 11,	9
397	Hepatitis C-Induced Hepatocellular Carcinoma in the Middle East. 2021 , 259-297	
396	Intramuscular BoNT/A injections cause an inflammatory response in the muscle tissue of rats. 2021 , 19, 205873922110399	
395	A graphene hybrid supramolecular hydrogel with high stretchability, self-healable and photothermally responsive properties for wound healing.. 2021 , 11, 6367-6373	7
394	Energy-based devices in gynecology: the new frontier for the treatment of genitourinary syndrome of postmenopause?. 2021 , 76, e3066	1
393	Biomaterials for Recruiting and Activating Endogenous Stem Cells in Tissue Regeneration.	
392	Review on experimental study and clinical application of low-intensity pulsed ultrasound in inflammation. 2021 , 11, 443-462	6
391	Revisiting the Role of Natural Killer Cells in Non-Alcoholic Fatty Liver Disease. 2021 , 12, 640869	9
390	Flexible and Expandable Robot for Tissue Therapies - Modeling and Design. 2021 , 68, 568-578	3
389	Neuroblastoma formation requires unconventional CD4 T cells and myeloid amino acid metabolism.	0
388	Acceleration of Bone-Tendon Interface Healing by Low-Intensity Pulsed Ultrasound Is Mediated by Macrophages. 2021 , 101,	2
387	Untangling Local Pro-Inflammatory, Reparative, and Regulatory Damage-Associated Molecular-Patterns (DAMPs) Pathways to Improve Transplant Outcomes. 2021 , 12, 611910	3
386	Injury-Induced Innate Immune Response During Segment Regeneration of the Earthworm,. 2021 , 22,	5
385	Connexin43 gap junction drives fascia mobilization and repair of deep skin wounds. 2021 , 97, 58-71	7
384	Human Recombinant Relaxin (Serelaxin) as Anti-fibrotic Agent: Pharmacology, Limitations and Actual Perspectives. 2021 ,	0
383	Maintaining homeostatic control of periodontal bone tissue. 2021 , 86, 157-187	22
382	Transferring clinically established immune inflammation markers into exercise physiology: focus on neutrophil-to-lymphocyte ratio, platelet-to-lymphocyte ratio and systemic immune-inflammation index. 2021 , 121, 1803-1814	9

381	Transformed notochordal cells trigger chronic wounds destabilizing the vertebral column and bone homeostasis. 2021,	2
380	Dimethyl Itaconate-Loaded Nanofibers Rewrite Macrophage Polarization, Reduce Inflammation, and Enhance Repair of Myocardial Infarction. 2021, 17, e2006992	8
379	Resveratrol enhances bone formation by modulating inflammation in the mouse periodontitis model. 2021, 56, 735-745	6
378	Fibrotic enzymes modulate wound-induced skin tumorigenesis. 2021, 22, e51573	2
377	Chronic Diabetic Wounds and Their Treatment with Skin Substitutes. 2021, 10,	17
376	Thermosensitive -hydrogel-coated titania nanotubes with controlled drug release and immunoregulatory characteristics for orthopedic applications. 2021, 122, 111878	8
375	Overlapping and distinct features of viral and allergen immunity in the human lung. 2021, 54, 617-631	3
374	The Latest Advances in Imaging Crosstalk Between the Immune System and Fibrosis in Cardiovascular Disease. 2021, 62, 1341-1346	0
373	Effects of advanced glycation end products on neutrophil migration and aggregation in diabetic wounds. 2021, 13, 12143-12159	1
372	New Insights and Novel Therapeutic Potentials for Macrophages in Myocardial Infarction. 2021, 44, 1696-1712	9
371	The metabolism-modulating activity of IL-17 signaling in health and disease. 2021, 218,	2
370	Optoacoustic Imaging in Inflammation. 2021, 9,	2
369	Pathogenic helper T cells. 2021, 70, 169-173	1
368	Macrophages rely on extracellular serine to suppress aberrant cytokine production. 2021, 11, 11137	3
367	Metformin ameliorates bladder dysfunction in a rat model of partial bladder outlet obstruction. 2021, 320, F838-F858	2
366	Dysregulation of the Pdx1/Ovol2/Zeb2 axis in dedifferentiated β cells triggers the induction of genes associated with epithelial-mesenchymal transition in diabetes. 2021, 53, 101248	2
365	ROS Cocktails as an Adjuvant for Personalized Antitumor Vaccination?. 2021, 9,	6
364	Dietary Technologies to Optimize Healing from Injury-Induced Inflammation. 2021, 20, 123-131	1

363	The inflammatory speech of fibroblasts. 2021 , 302, 126-146	23
362	Mechanical and Immunological Regulation in Wound Healing and Skin Reconstruction. 2021 , 22,	1
361	Invited Discussion on: Treatment of Scars with Laser-Assisted Delivery of Growth Factors and Vitamin C: A Comparative, Randomised, Double-blind, Early Clinical Trial. 2021 , 45, 2375-2378	
360	Finding Solutions for Fibrosis: Understanding the Innate Mechanisms Used by Super-Regenerator Vertebrates to Combat Scarring. 2021 , 8, e2100407	3
359	Targeting activated macrophages intracellular milieu to augment anti-inflammatory drug potency.	0
358	Macrophage-mediated inflammation in diabetic wound repair. 2021 , 119, 111-118	10
357	GPR34-mediated sensing of lysophosphatidylserine released by apoptotic neutrophils activates type 3 innate lymphoid cells to mediate tissue repair. 2021 , 54, 1123-1136.e8	10
356	Cholesterol metabolism: a new molecular switch to control inflammation. 2021 , 135, 1389-1408	8
355	Gradient regulation of osteo-immune microenvironment by chitooligosaccharide-containing ion-doped mesoporous silica nanoparticles to accelerate osteogenesis. 2021 , 23, 101067	3
354	Two Sides of the Coin: Mast Cells as a Key Regulator of Allergy and Acute/Chronic Inflammation. 2021 , 10,	5
353	Macrophage Related Chronic Inflammation in Non-Healing Wounds. 2021 , 12, 681710	11
352	Inflammation, epigenetics, and metabolism converge to cell senescence and ageing: the regulation and intervention. 2021 , 6, 245	25
351	Release of Notch activity coordinated by IL-1 β signalling confers differentiation plasticity of airway progenitors via Fosl2 during alveolar regeneration.	
350	Inflammation-Instructed Hierarchical Delivery of IL-4/miR-21 Orchestrates Osteoimmune Microenvironment toward the Treatment of Rheumatoid Arthritis. 2021 , 31, 2101033	7
349	An Update on Mesoporous Silica Nanoparticle Applications in Nanomedicine. 2021 , 13,	13
348	Neuroblastoma Formation Requires Unconventional CD4 T Cells and Arginase-1-Dependent Myeloid Cells. 2021 , 81, 5047-5059	3
347	High-resolution single cell transcriptome analysis of zebrafish sensory hair cell regeneration.	1
346	PD-L1 Triggered by Binding eIF3I Contributes to the Amelioration of Diabetes-Associated Wound Healing Defects by Regulating IRS4. 2021 ,	0

345	Roscovitine exacerbates Mycobacterium abscessus infection by reducing NADPH oxidase-dependent neutrophil trafficking.	
344	A Novel Role of Nogo Proteins: Regulating Macrophages in Inflammatory Disease. 2021 , 1	5
343	Histological evaluation of a novel phosphorylated pullulan-based pulp capping material: An in vivo study on rat molars. 2021 , 54, 1902-1914	3
342	Qing-Luo-Yin Alleviated Monocytes/Macrophages-Mediated Inflammation in Rats with Adjuvant-Induced Arthritis by Disrupting Their Interaction with (Pre)-Adipocytes Through PPAR- α Signaling. 2021 , 15, 3105-3118	3
341	Local Delivery of Pirfenidone by PLA Implants Modifies Foreign Body Reaction and Prevents Fibrosis. 2021 , 9,	2
340	Reparative and Maladaptive Inflammation in Tendon Healing. 2021 , 9, 719047	6
339	Wound opening in a thin incompressible viscoelastic tissue. 2021 , 104, 015001	1
338	Protective Effects of Fucoxanthin Dampen Pathogen-Associated Molecular Pattern (PAMP) Lipopolysaccharide-Induced Inflammatory Action and Elevated Intraocular Pressure by Activating Nrf2 Signaling and Generating Reactive Oxygen Species. 2021 , 10,	4
337	Antimicrobial Ionic Liquid-Based Materials for Biomedical Applications. 2021 , 31, 2104148	30
336	Predictive framework of macrophage activation.	0
335	Driving regeneration, instead of healing, in adult mammals: the decisive role of resident macrophages through efferocytosis. 2021 , 6, 41	3
334	CCR2-engineered mesenchymal stromal cells accelerate diabetic wound healing by restoring immunological homeostasis. 2021 , 275, 120963	7
333	Oxy210, a novel inhibitor of hedgehog and TGF- β signalling, ameliorates hepatic fibrosis and hypercholesterolemia in mice. 2021 , 4, e00296	2
332	The regenerative mechanisms of platelet-rich plasma: A review. 2021 , 144, 155560	8
331	Fibrillar biopolymer-based scaffolds to study macrophage-fibroblast crosstalk in wound repair. 2021 , 402, 1309-1324	1
330	Dual cross-linked organic-inorganic hybrid hydrogels accelerate diabetic skin wound healing. 2021 , 417, 129335	14
329	Pro-inflammatory immunity supports fibrosis advancement in epidermolysis bullosa: intervention with Ang-(1-7). 2021 , 13, e14392	3
328	HA-coated collagen nanofibers for urethral regeneration via in situ polarization of M2 macrophages. 2021 , 19, 283	2

327	Engineering Bacteria-Activated Multifunctionalized Hydrogel for Promoting Diabetic Wound Healing. 2105749	18
326	Metabolic orchestration of the wound healing response. 2021 , 33, 1726-1743	14
325	Collagen-derived dipeptide Pro-Hyp administration accelerates muscle regenerative healing accompanied by less scarring after wounding on the abdominal wall in mice. 2021 , 11, 18750	4
324	Up-regulation of apoptotic- and cell survival-related gene pathways following exposures of western corn rootworm to <i>B. thuringiensis</i> crystalline pesticidal proteins in transgenic maize roots. 2021 , 22, 639	0
323	Zones of cellular damage around pulsed-laser wounds. 2021 , 16, e0253032	1
322	an anti-inflammatory activation sequence governs macrophage transcriptional dynamics during tissue injury.	
321	Antibacterial Zeolite Imidazole Frameworks with Manganese Doping for Immunomodulation to Accelerate Infected Wound Healing. 2021 , 10, e2101515	12
320	Galvanic current activates the NLRP3 inflammasome to promote type I collagen production in tendon.	
319	Development of Anti-fibrotic Therapy in Strictureing Crohn's Disease: Lessons from Randomized Trials in Other Fibrotic Diseases. 2021 ,	2
318	Hematopoietic Stem Cells in Wound Healing Response. 2021 ,	0
317	Programmable immune activating electrospun fibers for skin regeneration. 2021 , 6, 3218-3230	10
316	The functional cross talk between cancer cells and cancer associated fibroblasts from a cancer mechanics perspective. 2021 , 1868, 119103	3
315	Medical gas plasma-stimulated wound healing: Evidence and mechanisms. 2021 , 46, 102116	15
314	Promoting musculoskeletal system soft tissue regeneration by biomaterial-mediated modulation of macrophage polarization. 2021 , 6, 4096-4109	6
313	Biocompatible, antibacterial and anti-inflammatory zinc ion cross-linked quaternized cellulose-sodium alginate composite sponges for accelerated wound healing. 2021 , 191, 27-39	3
312	4-Octyl itaconate modified demineralized bone matrix scaffold improves bone repair by regulating early inflammation. 2021 , 425, 131490	0
311	ACVR1 extends inflammatory responses in human induced pluripotent stem cell-derived macrophages. 2021 , 153, 116129	3
310	Pins Suppresses Abnormal Cell Fate Reprogramming During Wing Regeneration in <i>Drosophila</i> .	

309	Cellular Indoctrination: How the Tumor Microenvironment Reeducates Macrophages Towards Nefarious Ends. 2021 ,	
308	Acute Experimental Barrier Injury Triggers Ulcerative Colitis-Specific Innate Hyperresponsiveness and Ulcerative Colitis-Type Microbiome Changes in Humans. 2021 , 12, 1281-1296	4
307	Macrophages in Healing Wounds: Paradoxes and Paradigms. 2021 , 22,	16
306	Wound Healing by Allogeneic Transplantation of Specific Subpopulation From Human Umbilical Cord Mesenchymal Stem Cells. 2021 , 30, 963689721993774	2
305	Specialized Pro-resolving Mediators Directs Cardiac Healing and Repair with Activation of Inflammation and Resolution Program in Heart Failure. 2019 , 1161, 45-64	11
304	Sex Differences in Aging and Associated Biomarkers. 2019 , 1178, 57-76	3
303	Trained Innate Immunity and Its Implications for Mucosal Immunity and Inflammation. 2019 , 1197, 11-26	10
302	The cell biology of inflammation: From common traits to remarkable immunological adaptations. 2020 , 219,	15
301	Muscle Fascia Changes in Patients with Occipital Neuralgia, Headache, or Migraine. 2021 , 147, 176-180	9
300	Glucocorticoid Receptor ablation promotes cardiac regeneration by hampering cardiomyocyte terminal differentiation.	3
299	Mammalian musculoskeletal regeneration is associated with reduced inflammatory cytokines and an influx of T cells.	4
298	An Inflammatory Clock Predicts Multi-morbidity, Immunosenescence and Cardiovascular Aging in Humans.	4
297	Exploring microRNAs in diabetic chronic cutaneous ulcers: Regulatory mechanisms and therapeutic potential. 2020 , 177, 4077-4095	6
296	The Route of Infection Influences the Contribution of Key Immunity Genes to Antibacterial Defense in <i>Anopheles gambiae</i> . 2021 , 13, 107-126	4
295	Niacin Metal-Organic Framework-Laden Self-Healing Hydrogel for Wound Healing. 2020 , 16, 1719-1726	2
294	NF- κ B/MAPK activation underlies ACVR1-mediated inflammation in human heterotopic ossification. 2018 , 3,	27
293	Transcriptional trajectories of human kidney injury progression. 2018 , 3,	37
292	TGF- β promotes fibrosis after severe acute kidney injury by enhancing renal macrophage infiltration. 2018 , 3,	52

291	Systems genetics identifies a macrophage cholesterol network associated with physiological wound healing. 2019 , 4,	6
290	FPR-1 is an important regulator of neutrophil recruitment and a tissue-specific driver of pulmonary fibrosis. 2020 , 5,	24
289	1,25-Dihydroxyvitamin D suppresses M1 macrophages and promotes M2 differentiation at bone injury sites. 2018 , 3,	27
288	Yap/Taz regulate alveolar regeneration and resolution of lung inflammation. 2019 , 129, 2107-2122	74
287	Graft IL-33 regulates infiltrating macrophages to protect against chronic rejection. 2020 , 130, 5397-5412	10
286	Toward understanding scarless skin wound healing and pathological scarring. 2019 , 8,	56
285	The KCa3.1 blocker TRAM34 reverses renal damage in a mouse model of established diabetic nephropathy. 2018 , 13, e0192800	7
284	Estrogen accelerates heart regeneration by promoting the inflammatory response in zebrafish. 2020 , 245, 39-51	12
283	Lipid Nanoparticles as a Skin Wound Healing Drug Delivery System: Discoveries and Advances. 2020 , 26, 4536-4550	10
282	Lipopolysaccharide Stimulated the Migration of NIH3T3 Cells Through a Positive Feedback Between E-Catenin and COX-2. 2018 , 9, 1487	8
281	Analysis of the immune response to sciatic nerve injury identifies efferocytosis as a key mechanism of nerve debridement. 2020 , 9,	24
280	Altered metabolic state impedes limb regeneration in salamanders. 2021 , 42, 772-782	2
279	Multipotent stromal cells: One name, multiple identities. 2021 , 28, 1690-1707	5
278	Immunometabolism and Organ Transplantation. 2022 , 257-278	
277	Healing through the lens of immunothrombosis: Biology-inspired, evolution-tailored, and human-engineered biomimetic therapies. 2021 , 279, 121205	0
276	Poly(L-Lactic Acid) Composite with Surface-Modified Magnesium Hydroxide Nanoparticles by Biodegradable Oligomer for Augmented Mechanical and Biological Properties. 2021 , 14,	1
275	Late B lymphocyte action in dysfunctional tissue repair following kidney injury and transplantation.	
274	Transcriptional trajectories of human kidney disease progression.	

- 273 Osteopathic Pain Management and Cardiovascular Diseases. **2019**, 1-23
- 272 Estrogen accelerates heart regeneration by promoting inflammatory responses in zebrafish.
- 271 Vascular Tissue Engineering: Pathological Considerations, Mechanisms, and Translational Implications. **2020**, 1-41
- 270 Corneal Repair Models in Mice: Epithelial/Mechanical Versus Stromal/Chemical Injuries. **2021**, 2193, 149-158 ○
- 269 Mitochondrial metabolism coordinates stage-specific repair processes in macrophages during wound healing. **2021**, 33, 2398-2414.e9 10
- 268 The Impact of Inflammatory Immune Reactions of the Vascular Niche on Organ Fibrosis. **2021**, 12, 750509 ○
- 267 Wharton's jelly mesenchymal stem cells embedded in PF-127 hydrogel plus sodium ascorbyl phosphate combination promote diabetic wound healing in type 2 diabetic rat. **2021**, 12, 559 2
- 266 Mitochondrial microRNAs: A Putative Role in Tissue Regeneration. **2020**, 9, 1
- 265 Wound Healing. **2020**, 1-10
- 264 Immunoregulation in the Hematopoietic Stem Cell Niche. **2020**, 69-77
- 263 Osteopathic Pain Management and Cardiovascular Diseases. **2020**, 681-703
- 262 Nuclear S-nitrosylation impacts tissue regeneration in zebrafish. **2021**, 12, 6282 1
- 261 Analysis of the Immune Response to Sciatic Nerve Injury Identifies Efferocytosis as a Key Mechanism of Nerve Debridement.
- 260 Adipose stem cell secretion combined with biomaterials facilitates large-area wound healing. **2020**, 15, 2311-2323
- 259 Inflammation and hematopoietic stem cells aging.. **2021**, 3, 1-5
- 258 [Research progress of hair follicle and related stem cells in scar-free wound healing]. **2021**, 35, 241-245
- 257 Nitric oxide-releasing L-Tryptophan and L-Phenylalanine based Poly(ester urea)s electrospun composite mats as antibacterial and antibiofilm dressing for wound healing. **2022**, 229, 109484 4
- 256 The Advances of Neutrophil-Derived Effective Drug Delivery Systems: A Key Review of Managing Tumors and Inflammation. **2021**, 16, 7663-7681 1

255	Cell-derived extracellular vesicles and membranes for tissue repair. 2021 , 19, 368	2
254	A Correlation between Upper Extremity Compressive Neuropathy and Nerve Compression Headache. 2021 , 148, 1308-1315	0
253	Redox-sensitive CDC-42 clustering promotes wound closure in <i>C. elegans</i> . 2021 , 37, 110040	0
252	?????????????. 2021 ,	
251	Influence of systemic strontium ranelate on the progression and as adjunctive therapy for the nonsurgical treatment of experimental periodontitis.. 2021 , 13, e1239-e1248	1
250	A gerophysiology perspective on healthy ageing. 2021 , 101537	2
249	Biomaterial-mediated presentation of wnt5a mimetic ligands enhances chondrogenesis and metabolism of stem cells by activating non-canonical Wnt signaling.. 2021 , 281, 121316	2
248	TGF- β /SMADs signaling involved in alleviating inflammation induced by nanoparticulate titanium dioxide in BV2 cells.. 2022 , 80, 105303	0
247	Modulating the systemic and local adaptive immune response after fracture improves bone regeneration during aging.. 2022 , 116324	1
246	WNT/beta-catenin signalling interrupts a senescence-induction cascade in human mesenchymal stem cells that restricts their expansion.. 2022 , 79, 82	1
245	A Shape-Programmable Hierarchical Fibrous Membrane Composite System to Promote Wound Healing in Diabetic Patients.. 2022 , e2107544	5
244	Photo-Activated Nanofibrous Membrane with Self-Rechargeable Antibacterial Function for Stubborn Infected Cutaneous Regeneration.. 2022 , e2105988	3
243	NIR-II Ratiometric Lanthanide-Dye Hybrid Nanoprobes Doped Bioscaffolds for In Situ Bone Repair Monitoring.. 2022 ,	6
242	Identification of an integrated stress and growth response signaling switch that directs vertebrate intestinal regeneration.. 2022 , 23, 6	0
241	On-Demand Local Immunomodulation via Epigenetic Control of Macrophages Using an Inflammation-Responsive Hydrogel for Accelerated Wound Healing.. 2022 ,	0
240	Green Synthesis of Silver Nanoparticles by the Cyanobacteria sp.: Characterization, Antimicrobial and Diabetic Wound-Healing Actions.. 2022 , 20,	1
239	Roscovitine Worsens Infection by Reducing DUOX2-Mediated Neutrophil Response.. 2022 ,	
238	Gene-selective transcription promotes the inhibition of tissue reparative macrophages by TNF.. 2022 , 5,	1

237	Targeting Macrophages and Synoviocytes Intracellular Milieu to Augment Anti-Inflammatory Drug Potency. 2100167	
236	The pathology of healing and repair. 2022 , 40, 13-19	1
235	Subcutaneous injection of an immunologically tolerated protein up to 5 days before skin injuries improves wound healing.. 2022 , 55, e11735	0
234	GOx/Hb Cascade Oxidized Crosslinking of Silk Fibroin for Tissue-Responsive Wound Repair.. 2022 , 8,	1
233	Regulated Exogenous/Endogenous Inflammation via "Inner-Outer" Medicated Electrospun Fibers for Promoting Tissue Reconstruction.. 2022 , e2102534	1
232	Inhibition of renal fibrosis with a human CXCL9-derived glycosaminoglycan-binding peptide.. 2022 , 11, e1370	0
231	The interplay of fibroblasts, the extracellular matrix, and inflammation in scar formation.. 2021 , 101530	5
230	Cross-species metabolomic analysis identifies uridine as a potent regeneration promoting factor.. 2022 , 8, 6	4
229	Microcystin-leucine arginine (MC-LR) induces mouse ovarian inflammation by promoting granulosa cells to produce inflammatory cytokine via activation of cGAS-STING signaling.. 2022 , 358, 6-6	1
228	The Immune-Centric Revolution in the Diabetic Foot: Monocytes and Lymphocytes Role in Wound Healing and Tissue Regeneration-A Narrative Review.. 2022 , 11,	2
227	Lipidome profiling with Raman microspectroscopy identifies macrophage response to surface topographies of implant materials.. 2021 , 118,	5
226	Roles of the fibroblast growth factor signal transduction system in tissue injury repair.. 2022 , 10, tkac005	0
225	Wound healing and regeneration in spiny mice (<i>Acomys cahirinus</i>).. 2022 , 148, 139-164	0
224	Galvanic current activates the NLRP3 inflammasome to promote Type I collagen production in tendon.. 2022 , 11,	0
223	Loss of LKB1-NUAK1 signalling enhances NF- κ B activity in a spheroid model of high-grade serous ovarian cancer.. 2022 , 12, 3011	1
222	PERK is a critical metabolic hub for immunosuppressive function in macrophages.. 2022 ,	3
221	To regenerate or not to regenerate: Vertebrate model organisms of regeneration-competency and -incompetency.. 2022 ,	0
220	Biomaterials for Recruiting and Activating Endogenous Stem Cells in situ Tissue Regeneration.. 2022 ,	1

219	microRNA-126 inhibits vascular cell adhesion molecule-1 and interleukin-1beta in human dental pulp cells.. 2022 , e24371	0
218	The arginine methyltransferase PRMT7 promotes extravasation of monocytes resulting in tissue injury in COPD.. 2022 , 13, 1303	3
217	Interleukin-19 Aggravates Pulmonary Fibrosis via Activating Fibroblast through TGF- β /Smad Pathway.. 2022 , 2022, 6755407	0
216	Inflammation-Stimulated MSC-Derived Small Extracellular Vesicle miR-27b-3p Regulates Macrophages by Targeting CSF-1 to Promote Temporomandibular Joint Condylar Regeneration.. 2022 , e2107354	4
215	Role of platelet rich plasma mediated repair and regeneration of cell in early stage of cardiac injury.. 2022 , 19, 144-153	0
214	CCL2 rs1024611 Gene Polymorphism in Philadelphia-Negative Myeloproliferative Neoplasms.. 2022 , 13,	
213	Recent Advances in Bioengineered Scaffolds for Cutaneous Wound Healing.. 2022 , 10, 841583	4
212	A Multifunctional Composite Hydrogel That Rescues the ROS Microenvironment and Guides the Immune Response for Repair of Osteoporotic Bone Defects. 2201067	6
211	The Role of microRNA in the Inflammatory Response of Wound Healing.. 2022 , 13, 852419	2
210	Single-cell transcriptome analysis reveals three sequential phases of gene expression during zebrafish sensory hair cell regeneration.. 2022 , 57, 799-819.e6	5
209	Bioinformatic Analysis Reveals Hub Immune-Related Genes of Diabetic Foot Ulcers.. 2022 , 9, 878965	0
208	Effects of ALA-PDT on the macrophages in wound healing and its related mechanisms in vivo and in vitro.. 2022 , 102816	1
207	A biomaterial-based hedging immune strategy for scarless tendon healing.. 2022 , e2200789	1
206	LGR5 expressing skin fibroblasts define a major cellular hub perturbed in scleroderma.. 2022 ,	1
205	Cyanidin-3-galactoside ameliorates silica-induced pulmonary fibrosis by inhibiting fibroblast differentiation via Nrf2/p38/Akt/NOX4. 2022 , 92, 105034	
204	The promotion of liver regeneration in mice after a partial hepatectomy as a result of the modulation of macrophage activation by dexmedetomidine.. 2022 , 101577	1
203	Responsive and self-healing structural color supramolecular hydrogel patch for diabetic wound treatment.. 2022 , 15, 194-202	4
202	Cubic multi-ions-doped NaTiO nanorod-like coatings: Structure-stable, highly efficient platform for ions-exchanged release to immunomodulatory promotion on vascularized bone apposition.. 2022 , 18, 72-90	1

201	The Role of Extracellular Matrix in Skin Wound Healing.. 2021 , 10,	8
200	Hydrogen, a Novel Therapeutic Molecule, Regulates Oxidative Stress, Inflammation, and Apoptosis.. 2021 , 12, 789507	4
199	Facilitating Reparative Dentin Formation Using Apigenin Local Delivery in the Exposed Pulp Cavity.. 2021 , 12, 773878	1
198	Pathogenetic value of cell infiltrate in immunoinflammatory rheumatic diseases. 2021 , 23, 1239-1270	1
197	NAMPT-dependent NAD salvage is crucial for the decision between apoptotic and necrotic cell death under oxidative stress.. 2022 , 8, 195	0
196	Anti-inflammatory, Antioxidant and Cytotoxic Activities of Guibourtia ehie on Human Prostate (PC-3) and Breast Cancer (MC-7) Cell Lines and in silico Studies on Its Metabolite 7,4?-Dihydroxyflavone. 1	0
195	The Tendon Microenvironment: Engineered In Vitro Models to Study Cellular Crosstalk.. 2022 , 114299	3
194	A common framework of monocyte-derived macrophage activation.. 2022 , 7, eabl7482	3
193	Table_1.DOCX. 2020 ,	
192	Table_1.DOCX. 2019 ,	
191	Video_1.AVI. 2019 ,	
190	Image_1.TIF. 2018 ,	
189	Image_2.TIF. 2018 ,	
188	Image_3.TIF. 2018 ,	
187	Image_4.TIF. 2018 ,	
186	Data_Sheet_1.PDF. 2020 ,	
185	Table_1.XLSX. 2020 ,	
184	Table_2.DOCX. 2020 ,	

183 Image_1.TIFF. 2019,

182 Image_2.TIF. 2019,

181 Table_1.xlsx. 2019,

180 Table_2.xlsx. 2019,

179 Table_3.xlsx. 2019,

178 Table_4.xlsx. 2019,

177 Table_5.xlsx. 2019,

176 Table_6.xlsx. 2019,

175 Table_7.xlsx. 2019,

174 Table_1.DOCX. 2019,

173 Image_1.PDF. 2018,

172 DataSheet_1.zip. 2019,

171 Image1.PDF. 2018,

170 Table1.XLSX. 2018,

169 Table2.XLSX. 2018,

168 Table3.XLSX. 2018,

167 Table4.XLSX. 2018,

166 Table5.XLSX. 2018,

165 Table6.XLSX. **2018**,

164 Table7.XLSX. **2018**,

163 Table8.XLSX. **2018**,

162 Sequential gastrodin release PU/n-HA composite scaffolds reprogram macrophages for improved osteogenesis and angiogenesis.. **2023**, 19, 24-37 3

161 Dendrimer as a momentous tool in tissue engineering and regenerative medicine.. **2022**, 6

160 Hepatic Macrophage activation and the LPS pathway in patients with different degrees of severity and histopathological patterns of drug induced liver injury. **2021**, 36, 653-662 1

159 Wound Healing. **2022**, 2157-2166

158 Green Polymer Nanocomposites for Skin Tissue Engineering.. **2022**, 1

157 Inflammatory skin diseases and wounds.. **2022**, 0

156 A myogenic niche with a proper mechanical stress environment improves abdominal wall muscle repair by modulating immunity and preventing fibrosis.. **2022**, 285, 121519

155 Immunoregulation in Diabetic Wound Repair with a Photo-Enhanced Glycyrrhizic Acid Hydrogel Scaffold.. **2022**, e2200521 13

154 Alternatively activated macrophages at the recipient site improve fat graft retention by promoting angiogenesis and adipogenesis.. **2022**,

153 Optimizing Processing Technology of : Based on Anti-Fibrotic Activity.. **2022**, 9, 807071 0

152 Impact of bioactive molecule inclusion in lyophilized silk scaffolds varies between in vivo and in vitro assessments. 0

151 Space-Time Mapping Identifies Concerted Multicellular Patterns and Gene Programs in Healing Wounds and their Conservation in Cancers.

150 Toward Elucidating Epigenetic and Metabolic Regulation of Stem Cell Lineage Plasticity in Skin Aging. **2022**, 10,

149 Metabolic regulation of type 2 immune response during tissue repair and regeneration.

148 3D living dressing improves healing and modulates immune response in a thermal injury model. 0

- 147 Toward Understanding Wound Immunology for High-Fidelity Skin Regeneration. a041241
- 146 17 β -Estradiol, a lifespan-extending compound, attenuates liver fibrosis by modulating collagen turnover rates in male mice. 0
- 145 Bone Marrow Derived Mesenchymal Stromal Cells Promote Vascularization and Ciliation in Airway Mucosa Tri-Culture Models in Vitro. 10,
- 144 Understanding the cellular interactome of non-alcoholic fatty liver disease. **2022**, 100524 2
- 143 Dehydromevalonolactone ameliorates liver fibrosis and inflammation by repressing activation of NLRP3 inflammasome. **2022**, 127, 105971 0
- 142 Exosomes Derived From Umbilical Cord Mesenchymal Stem Cells Treat Cutaneous Nerve Damage and Promote Wound Healing. 16, 0
- 141 The Injured Sciatic Nerve Atlas (iSNAT), Insights into the Cellular and Molecular Basis of Neural Tissue Degeneration and Regeneration. 0
- 140 Integrated Bioinformatics Analysis Identifies Robust Biomarkers and Its Correlation With Immune Microenvironment in Nonalcoholic Fatty Liver Disease. 13,
- 139 Recent progress in therapeutic strategies and biomimetic nanomedicines for rheumatoid arthritis treatment. 1-16 2
- 138 Identification of a Broadly Fibrogenic Macrophage Subset Induced by Type 3 Inflammation in Human and Murine Liver and Lung Fibrosis. 0
- 137 Effects of Metabolism on Macrophage Polarization Under Different Disease Backgrounds. 13, 0
- 136 Glycosaminoglycan-Based Hydrogel Delivery System Regulates the Wound Microenvironment to Rescue Chronic Wound Healing. 3
- 135 Plasma metabolomic profiling reflects the malnourished and chronic inflammatory state in recessive dystrophic epidermolysis bullosa. **2022**,
- 134 Dirty Jobs: Macrophages at the Heart of Cardiovascular Disease. **2022**, 10, 1579 0
- 133 A rare case of caudal bifurcation in a miniaturized gecko from Puerto Rico.
- 132 Preparation of laser microporous porcine acellular dermal matrix and observation of wound transplantation.
- 131 Chronic wounds. **2022**, 8, 6
- 130 Extracellular Vesicles for Immunomodulation in Tissue Regeneration. 0

129	Dynamic movement and turnover of extracellular matrices during tissue development and maintenance. 2022 , 16, 248-274	2
128	Natural Soybean Milk-Derived Bioactive Coatings for Enhanced Wound Healing.	3
127	Neurological severity evaluation using magnetic resonance imaging in acute spontaneous spinal epidural haematomas.	0
126	In vivo therapeutic evaluation of a cellulose acetate hydrogel cross linked with ethylenediaminetetraacetic-dianhydride containing propolis ethanolic-extract for treating burns. 2022 , 37, 343-355	
125	Nanobiotechnology: Applications in Chronic Wound Healing. Volume 17, 3125-3145	0
124	The importance of periwound skin in wound healing: an overview of the evidence. 2022 , 31, 648-659	1
123	Human acute inflammatory recovery is defined by co-regulatory dynamics of white blood cell and platelet populations. 2022 , 13,	2
122	Gold nanoparticles application to the treatment of brain dysfunctions related to metabolic diseases: evidence from experimental studies.	
121	Regulatory T cells in skeletal muscle repair and regeneration: recent insights. 2022 , 13,	0
120	Direct three-dimensional printed egg white hydrogel wound dressing promotes wound healing with hitching adipose stem cells. 10,	1
119	The matricellular protein SPARC induces inflammatory interferon-response in macrophages during aging. 2022 ,	0
118	Macrophages as a Target for Treating Diabetic Foot Ulcers.	
117	Highly conserved shifts in ubiquitin-proteasome system (UPS) activity drive mitochondrial remodeling during quiescence. 2022 , 13,	1
116	New use for old drug: Local delivery of puerarin facilitates critical-size defect repair in rats by promoting angiogenesis and osteogenesis. 2022 , 36, 52-63	0
115	Synergy of antioxidant and M2 polarization in polyphenol-modified konjac glucomannan dressing for remodeling wound healing microenvironment.	0
114	Ultrasensitive Dose-Response for Asbestos Cancer Risk Implied by New Inflammation-Mutation Model.	0
113	Transplantation of Wharton's jelly mesenchymal stem cells encapsulated with Hydroactive [®] Gel promotes diabetic wound antifibrotic healing in type 2 diabetic rats.	0
112	Remotely Temporal Scheduled Macrophage Phenotypic Transition Enables Optimized Immunomodulatory Bone Regeneration. 2022 , 18, 2203680	3

111	TcpC Inhibits M1 but Promotes M2 Macrophage Polarization via Regulation of the MAPK/NF- κ B and Akt/STAT6 Pathways in Urinary Tract Infection. 2022 , 11, 2674	0
110	Decreased Glycolysis at Menstruation is Associated with Increased Menstrual Blood Loss.	0
109	Microporous structures on mineralized collagen mediate osteogenesis by modulating the osteo-immune response of macrophages. 10,	0
108	Polylactide Degradation Activates Immune Cells by Metabolic Reprogramming.	1
107	Understanding the Function and Mechanism of Zebrafish Tmem39b in Regulating Cold Resistance. 2022 , 23, 11442	1
106	Advanced oxidation protein products mediate human keratinocytes apoptosis by inducing cell autophagy through the mTOR/Beclin-1 pathway.	0
105	Macrophage-Mediated Inflammation in Skin Wound Healing. 2022 , 11, 2953	0
104	Mammalian organ regeneration in spiny mice.	0
103	Interleukin 4/13 Signaling in Cardiac Regeneration and Repair.	0
102	An anti-inflammatory activation sequence governs macrophage transcriptional dynamics during tissue injury in zebrafish. 2022 , 13,	1
101	Effects and Progress of Photo-Crosslinking Hydrogels in Wound Healing Improvement. 2022 , 8, 609	0
100	Nanofibers for the Immunoregulation in Biomedical Applications.	1
99	Development of multi-agent-simulation models for intercellular communication via cytokines and extracellular matrices.	0
98	NMR-Based Metabolomic Imprinting Elucidates Macrophage Polarization of THP-1 Cell Lines Stimulated by Zinc Oxide Nanoparticles.	0
97	CD301b+ macrophages: a new target for improving the efficiency of orthodontic treatment under mild inflammation.	0
96	Zwitterionic Biomaterials.	6
95	Role of Low-intensity Pulsed Ultrasound in Regulating Macrophage Polarization to Accelerate Tendon-Bone Interface Repair.	0
94	Biocompatible, bacteria-targeting resveratrol nanoparticles fabricated by Mannich molecular condensation for accelerating infected wound healing.	1

- 93 Recent advances in smart-responsive hydrogels for tissue repairing. **2022**, 1, 0
- 92 Implantable Magnetic Vascular Scaffold for Circulating Tumor Cell Removal in vivo. 2207870 1
- 91 Stem cell microencapsulation maintains stemness in inflammatory microenvironment. **2022**, 14, 0
- 90 Tissue Sheet Engineered Using Human Umbilical Cord-Derived Mesenchymal Stem Cells Improves Diabetic Wound Healing. **2022**, 23, 12697 0
- 89 Elevated oxidative phosphorylation is critical for immune cell activation by polyethylene wear particles. 0
- 88 Cutaneous verrucous carcinoma: A clinicopathological study of 21 cases with long-term clinical follow-up. 12, 1
- 87 Translating musculoskeletal bioengineering into tissue regeneration therapies. **2022**, 14, 0
- 86 Local Application of Krill Oil Accelerates the Healing of Artificially Created Wounds in Diabetic Mice. **2022**, 14, 4139 0
- 85 The UC-MSCbFGF/scaffold system accelerates the healing of the uterine full-thickness injury. 0
- 84 Hematological indices as indicators of inflammation induced by exposure to pesticides. 0
- 83 Stereochemistry Determines Immune Cellular Responses to Polylactide Implants. 0
- 82 New insights into Chlamydia pathogenesis: Role of leukemia inhibitory factor. 12, 0
- 81 Relationship between selenium status, selenoproteins and COVID-19 and other inflammatory diseases: a critical review. **2022**, 127099 1
- 80 Thermosensitive Hydrogel Loaded with Nickel/Copper Bimetallic Hollow Nanospheres with SOD and CAT Enzymatic-Like Activity Promotes Acute Wound Healing. 1
- 79 Continuous release of mefloquine featured in electrospun fiber membranes alleviates epidural fibrosis and aids in sensory neurological function after lumbar laminectomy. **2022**, 17, 100469 0
- 78 Photonic Double-Network Hydrogel Dressings with Antibacterial Phototherapy and Inflammation Regulation for General Management of Cutaneous Regeneration. 0
- 77 Cellular integrative immune markers in elite athletes. 0
- 76 Polyene phosphatidylcholine ameliorates synovial inflammation: involvement of PTEN elevation and glycolysis suppression. 0

- 75 Histological and Molecular Evidence of the Positive Performance of Glycerol-Plasticized Chitosan-Alginate Membranes on Skin Lesions of Hyperglycemic Mice. **2022**, 14, 4754 ○
- 74 Adipose-derived stem cells regulate CD4+ T-cell-mediated macrophage polarization and fibrosis in fat grafting in a mouse model. **2022**, 8, e11538 1
- 73 From Mouth to Muscle: Exploring the Potential Relationship between the Oral Microbiome and Cancer-Related Cachexia. **2022**, 10, 2291 ○
- 72 The role of the immune microenvironment in bone, cartilage, and soft tissue regeneration: from mechanism to therapeutic opportunity. **2022**, 9, ○
- 71 Exosomes as a Cell-free Therapy for Myocardial Injury Following Acute Myocardial Infarction or Ischemic Reperfusion. **2022**, 13, 1770 ○
- 70 The inflammatory process at the cellular level. **2023**, 3-15 ○
- 69 Elevated oxidative phosphorylation is critical for immune cell activation by polyethylene wear particles. **2023**, 19, 100069 ○
- 68 A dual aperture (mesoporous and macroporous) system loaded with cell-free fat extract to optimize bone regeneration microenvironment. ○
- 67 A comprehensive review of emodin in fibrosis treatment. **2022**, 105358 ○
- 66 Transposon control as a checkpoint for tissue regeneration. **2022**, 149, ○
- 65 Vitamin B5 rewires Th17 cell metabolism via impeding PKM2 nuclear translocation. **2022**, 41, 111741 ○
- 64 Macrophages support healing of ischemic injury by transdifferentiating towards mural cells and adopting functions important for vascular support. ○
- 63 Use of CGF in Oral and Implant Surgery: From Laboratory Evidence to Clinical Evaluation. **2022**, 23, 15164 1
- 62 Deciphering the Antifibrotic Property of Metformin. **2022**, 11, 4090 ○
- 61 Senescent cells suppress macrophage-mediated corpse removal via upregulation of the CD47-QPCT/L axis. **2023**, 222, 1
- 60 17β-estradiol, a lifespan-extending compound, attenuates liver fibrosis by modulating collagen turnover rates in male mice. ○
- 59 Nanomaterials and nanomaterials-based drug delivery to promote cutaneous wound healing. **2022**, 114670 1
- 58 Decreased Innate Migration of Pro-Inflammatory M1 Macrophages through the Mesothelial Membrane Is Affected by Ceramide Kinase and Ceramide 1-P. **2022**, 23, 15977 ○

- 57 The Injured Sciatic Nerve Atlas (iSNAT), insights into the cellular and molecular basis of neural tissue degeneration and regeneration. 11, 0
- 56 Biological Investigation and Chemical Study of *Brassica villosa* subsp. *drepanensis* (Brassicaceae) Leaves. **2022**, 27, 8447 2
- 55 Regenerative inflammation: When immune cells help to re-build tissues. 0
- 54 Recent Advances in Nanozymes for Bacteria-Infected Wound Therapy. Volume 17, 5947-5990 0
- 53 Realising highly efficient sonodynamic bactericidal capability through the phonon-electron coupling effect using two-dimensional catalytic planar defects. 2208681 0
- 52 Salvianolic Acid B Reduces the Inflammation of Fat Grafts by Inhibiting the NF-Kb Signalling Pathway in Macrophages. 0
- 51 Scientific connotation of treating different diseases with the same method from the perspective of metabolic-immune dysregulation in inflammation-mediated carcinogenesis of digestive organs. **2022**, 0
- 50 Crosstalk between myofibroblasts and macrophages: A regulative factor of valvular fibrosis in calcific aortic valve disease. 0
- 49 A First Step Toward a Cross-tissue Atlas of Immune Cells in Humans. **2023**, 107, 8-9 0
- 48 An adaptive, negative feedback circuit in a biohybrid device reprograms dynamic networks of systemic inflammation in vivo. 2, 0
- 47 Neutralization of excessive CCL28 improves wound healing in diabetic mice. 14, 0
- 46 Multi-functional gene ZNF281 identified as a molecular biomarker in soft tissue regeneration and pan-cancer progression. 13, 0
- 45 The Role of JAK/STAT Pathway in Fibrotic Diseases: Molecular and Cellular Mechanisms. **2023**, 13, 119 0
- 44 Changes of local microenvironment and systemic immunity after acupuncture stimulation during inflammation: A literature review of animal studies. 13, 0
- 43 Cytotoxic Activity of Gambier Leave (*Uncaria gambir*) Ethyl Acetate Extract on Mouse Embryonic Fibroblast Cell (NIH-3T3) with MTT Assay. **2023**, 17, 0
- 42 Stereochemistry Determines Immune Cellular Responses to Polylactide Implants. 0
- 41 Low-level laser therapy prevents medication-related osteonecrosis of the jaw-like lesions via IL-1RA-mediated primary gingival wound healing. **2023**, 23, 2
- 40 Expression of PKM2 in wound keratinocytes is coupled to angiogenesis during skin repair in vivo and in HaCaT keratinocytes in vitro. 0

- 39 Photo-crosslinked GelMA loaded with dental pulp stem cells and VEGF to repair critical-sized soft tissue defects in rats. **2022**, 101373 ○
- 38 Bimetal-organic framework/GOx-based hydrogel dressings with antibacterial and inflammatory modulation for wound healing. **2022**, ○ 2
- 37 CD301b+ Macrophages as Potential Target to Improve Orthodontic Treatment under Mild Inflammation. **2023**, 12, 135 ○
- 36 Autoimmune diseases. **2023**, 123-244 ○
- 35 Rpdas Doped Antibacterial Mof-Hydrogel: Bio-Inspired Synergistic Whole-Process Wound Healing. ○
- 34 LIPUS as a potential strategy for periodontitis treatment: A review of the mechanisms. 11, ○
- 33 The RNA m5C Methylase NSUN2 Modulates Corneal Epithelial Wound Healing. **2023**, 64, 5 ○
- 32 Astaxanthin: A promising therapeutic agent for organ fibrosis. **2023**, 188, 106657 ○
- 31 Ultrasensitive dose-response for asbestos cancer risk implied by new inflammation-mutation model. **2023**, 115047 ○
- 30 Identification of a Specific Phage as Growth Factor Alternative Promoting the Recruitment and Differentiation of MSCs in Bone Tissue Regeneration. ○
- 29 Plasmonic optical fiber biosensor development for point-of-care detection of malondialdehyde as a biomarker of oxidative stress. **2023**, 199, 177-188 2
- 28 Engineered M13 phage as a novel therapeutic bionanomaterial for clinical applications: From tissue regeneration to cancer therapy. **2023**, 20, 100612 ○
- 27 Microneedles for in situ tissue regeneration. **2023**, 19, 100579 ○
- 26 Repair of airway epithelia requires metabolic rewiring towards fatty acid oxidation. **2023**, 14, ○
- 25 Combination of Biomaterials and Extracellular Vesicles from Mesenchymal Stem-Cells: New Therapeutic Strategies for Skin-Wound Healing. **2023**, 13, 2702 ○
- 24 Sustained Release of Human Adipose Tissue Stem Cell Secretome from Star-Shaped Poly(ethylene glycol) Glycosaminoglycan Hydrogels Promotes Motor Improvements after Complete Transection in Spinal Cord Injury Rat Model. 2202803 ○
- 23 Traditional and modern wound dressings characteristics of ideal wound dressings. **2023**, 21-42 ○
- 22 Effects of low-dose dexamethasone on inflammatory factors in drainage fluid and wound healing after thyroid surgery during perioperative period. ○

- 21 Mesenchymal Stem Cells, or Facilitators for the development of regenerative macrophages? Pericytes at the interface of wound healing. 11, ○
- 20 Lipoprotein(a) and Immunity. **2023**, 261-274 ○
- 19 Ultrasound-responsive smart composite biomaterials in tissue repair. **2023**, 49, 101804 ○
- 18 Sleep Hormone Melatonin, Inflammation and Aging. **2023**, 259-276 ○
- 17 Optimizing Wound Care after Surgery of the Head and Neck: A Review of Dressing Materials. ○
- 16 Anti-Inflammatory Effect and Toxicological Profile of Pulp Residue from the Caryocar Brasiliense, a Sustainable Raw Material. **2023**, 9, 234 ○
- 15 Omics-based approaches to guide the design of biomaterials. **2023**, ○
- 14 TGF- β s A Master Regulator of Aging-Associated Tissue Fibrosis. **2023**, 0 ○
- 13 Paraprobiotics strains accelerate wound repair by stimulating re-epithelialization of NIH-3T3 cells, decreasing inflammatory response and oxidative stress. **2023**, 205, ○
- 12 FADD- and RIPK3-mediated cell death ensures timely clearance of wound macrophages and promotes wound healing. ○
- 11 Unlocking the Therapeutic Potential of Irisin: Harnessing Its Function in Degenerative Disorders and Tissue Regeneration. **2023**, 24, 6551 ○
- 10 Nonreleasing AgNP Colloids Composite Hydrogel with Potent Hemostatic, Photodynamic Bactericidal and Wound Healing-Promoting Properties. **2023**, 15, 17742-17756 ○
- 9 Biseugenol from *Ocotea cymbarum* (Lauraceae) attenuates inflammation, angiogenesis and collagen deposition of sponge-induced fibrovascular tissue in mice. ○
- 8 Identification of a broadly fibrogenic macrophage subset induced by type 3 inflammation. **2023**, 8, ○
- 7 Relaxin in fibrotic ligament diseases: Its regulatory role and mechanism. 11, ○
- 6 Injectable chitosan/xyloglucan composite hydrogel with mechanical adaptivity and endogenous bioactivity for skin repair. **2023**, 313, 120904 ○
- 5 Mapping intellectual structure and research hotspots in the field of fibroblast-associated DFUs: a bibliometric analysis. 14, ○
- 4 Metabolic reprogramming and reliance in human skin wound healing. **2023**, ○

- 3 Systemic effects of oral tolerance in bone healing. **2023**, 13, ○
- 2 The Benefits of Olive Oil for Skin Health: Study on the Effect of Hydroxytyrosol, Tyrosol, and Oleocanthal on Human Fibroblasts. **2023**, 15, 2077 ○
- 1 Integrative analysis reveals marker genes for intestinal mucosa barrier repairing in clinical patients. **2023**, 26, 106831 ○