# Xiaobing Fu

List of Publications by Year
in descending order



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|---|---|---|---|
| 179 papers | 6,516 citations | 66234 42 h-index | 88477 70 g-index |
| 189 all docs | 189 docs citations | 189 times ranked | 9013 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | OUP accepted manuscript. Burns and Trauma, 2022, 10, tkab044. | 2.3 | 5 |
| 2 | Autophagy, not apoptosis, plays a role in lumen formation of eccrine gland organoids. Chinese Medical Journal, 2022, 135, 324-332. | 0.9 | 3 |
| 3 | A New Target of the Four-Herb Chinese Medicine for Wound Repair Promoted by Mitochondrial Metabolism Using Protein Acetylation Analysis. Medical Science Monitor, 2022, 28, e934816. | 0.5 | 1 |
| 4 | VEGF alleviates lower limb ischemia in diabetic mice by altering muscle fiber types. Experimental and Therapeutic Medicine, 2022, 23, 251. | 0.8 | 4 |
| 5 | The clinical effectiveness and safety of using epidermal growth factor, fibroblast growth factor and granulocyte-macrophage colony stimulating factor as therapeutics in acute skin wound healing: a systematic review and meta-analysis. Burns and Trauma, 2022, 10, tkac002. | 2.3 | 9 |
| 6 | Small molecules facilitate single factor-mediated sweat gland cell reprogramming. Military Medical Research, 2022, 9, 13. | 1.9 | 1 |
| 7 | Photobiomodulation promotes hair regeneration in injured skin by enhancing migration and exosome secretion of dermal papilla cells. Wound Repair and Regeneration, 2022, 30, 245-257. | 1.5 | 12 |
| 8 | Promotive effects of four herbal medicine <scp>ARCC</scp> on wound healing in mice and human. Health Science Reports, 2022, 5, e494. | 0.6 | 6 |
| 9 | Photobiomodulation Therapy With Different Wavebands for Hair Loss: A Systematic Review and Meta-Analysis. Dermatologic Surgery, 2022, 48, 737-740. | 0.4 | 4 |
| 10 | VH298-loaded extracellular vesicles released from gelatin methacryloyl hydrogel facilitate diabetic wound healing by HIF-1Î±-mediated enhancement of angiogenesis. Acta Biomaterialia, 2022, 147, 342-355. | 4.1 | 88 |
| 11 | Characterization of the Skin Bacteriome and Histology Changes in Diabetic Pigs. International Journal of Lower Extremity Wounds, 2022, , 153473462211008. | 0.6 | 0 |
| 12 | The stiffness of hydrogel-based bioink impacts mesenchymal stem cells differentiation toward sweat glands in 3D-bioprinted matrix. Materials Science and Engineering C, 2021, 118, 111387. | 3.8 | 26 |
| 13 | Blood-clotting model and simulation analysis of polyvinyl alcoholâ€“chitosan composite hemostatic materials. Journal of Materials Chemistry B, 2021, 9, 5465-5475. | 2.9 | 8 |
| 14 | Calcium silicate accelerates cutaneous wound healing with enhanced re-epithelialization through EGF/EGFR/ERK-mediated promotion of epidermal stem cell functions. Burns and Trauma, 2021, 9, tkab029. | 2.3 | 11 |
| 15 | Functional hair follicle regeneration: an updated review. Signal Transduction and Targeted Therapy, 2021, 6, 66. | 7.1 | 78 |
| 16 | Biophysical and Biochemical Cues of Biomaterials Guide Mesenchymal Stem Cell Behaviors. Frontiers in Cell and Developmental Biology, 2021, 9, 640388. | 1.8 | 56 |
| 17 | Engineered Skin Substitute Regenerates the Skin with Hair Follicle Formation. Biomedicines, 2021, 9, 400. | 1.4 | 6 |
| 18 | Chemical conversion of human epidermal stem cells into intestinal goblet cells for modeling mucus-microbe interaction and therapy. Science Advances, 2021, 7, . | 4.7 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Pleiotropic Roles of CXCR4 in Wound Repair and Regeneration. Frontiers in Immunology, 2021, 12, 668758. | 2.2 | 16 |
| 20 | Bioactive nanoparticle reinforced alginate/gelatin bioink for the maintenance of stem cell stemness. Materials Science and Engineering C, 2021, 126, 112193. | 3.8 | 29 |
| 21 | Sweat Gland Organoids Originating from Reprogrammed Epidermal Keratinocytes Functionally Recapitulated Damaged Skin. Advanced Science, 2021, 8, e2103079. | 5.6 | 18 |
| 22 | The role of CTHRC1 in hair follicle regenerative capacity restored by plantar dermis homogenate. Biochemical and Biophysical Research Communications, 2021, 571, 14-19. | 1.0 | 3 |
| 23 | Using bioprinting and spheroid culture to create a skin model with sweat glands and hair follicles. Burns and Trauma, 2021, 9, tkab013. | 2.3 | 34 |
| 24 | Repair cell first, then regenerate the tissues and organs. Military Medical Research, 2021, 8, 2. | 1.9 | 8 |
| 25 | Chitosan/LiCl composite scaffolds promote skin regeneration in full-thickness loss. Science China Life Sciences, 2020, 63, 552-562. | 2.3 | 27 |
| 26 | Insight into cellular dedifferentiation in regenerative medicine. Science China Life Sciences, 2020, 63, 301-304. | 2.3 | 2 |
| 27 | Optogenetics sheds new light on tissue engineering and regenerative medicine. Biomaterials, 2020, 227, 119546. | 5.7 | 25 |
| 28 | Akermanite bioceramic enhances wound healing with accelerated reepithelialization by promoting proliferation, migration, and stemness of epidermal cells. Wound Repair and Regeneration, 2020, 28, 16-25. | 1.5 | 18 |
| 29 | Molecular mechanism of myofibroblast formation and strategies for clinical drugs treatments in hypertrophic scars. Journal of Cellular Physiology, 2020, 235, 4109-4119. | 2.0 | 12 |
| 30 | Direct conversion of human fibroblasts into dopaminergic neuron-like cells using small molecules and protein factors. Military Medical Research, 2020, 7, 52. | 1.9 | 12 |
| 31 | Stiffness-mediated mesenchymal stem cell fate decision in 3D-bioprinted hydrogels. Burns and Trauma, 2020, 8, tkaa029. | 2.3 | 33 |
| 32 | Efficient and rapid conversion of human astrocytes and ALS mouse model spinal cord astrocytes into motor neuron-like cells by defined small molecules. Military Medical Research, 2020, 7, 42. | 1.9 | 11 |
| 33 | Manipulation of living cells with 450Ânm laser photobiomodulation. Journal of Photochemistry and Photobiology B: Biology, 2020, 209, 111896. | 1.7 | 1 |
| 34 | State policy for managing chronic skin wounds in China. Wound Repair and Regeneration, 2020, 28, 576-577. | 1.5 | 6 |
| 35 | Biochemical and structural cues of 3D-printed matrix synergistically direct MSC differentiation for functional sweat gland regeneration. Science Advances, 2020, 6, eaaz1094. | 4.7 | 63 |
| 36 | Sweat gland regeneration: Current strategies and future opportunities. Biomaterials, 2020, 255, 120201. | 5.7 | 14 |

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| 37 | Epidemiological characteristics and clinical analyses of chronic cutaneous wounds of inpatients in China: Prevention and control. Wound Repair and Regeneration, 2020, 28, 623-630. | 1.5 | 18 |
| 38 | Growth factor regulatory system: a new system for not truly recognized organisms. Science China Life Sciences, 2020, 63, 443-446. | 2.3 | 2 |
| 39 | Regenerative and protective effects of calcium silicate on senescent fibroblasts induced by high glucose. Wound Repair and Regeneration, 2020, 28, 315-325. | 1.5 | 20 |
| 40 | Regenerative and protective effects of dMSC-sEVs on high-glucose-induced senescent fibroblasts by suppressing RAGE pathway and activating Smad pathway. Stem Cell Research and Therapy, 2020, 11, 166. | 2.4 | 40 |
| 41 | Concentrated Conditioned Medium-Loaded Silk Nanofiber Hydrogels with Sustained Release of Bioactive Factors To Improve Skin Regeneration. ACS Applied Bio Materials, 2019, 2, 4397-4407. | 2.3 | 6 |
| 42 | Fibrogenic fibroblast-selective near-infrared phototherapy to control scarring. Theranostics, 2019, 9, 6797-6808. | 4.6 | 19 |
| 43 | Iatrogenic wounds: a common but often overlooked problem. Burns and Trauma, 2019, 7, 18. | 2.3 | 8 |
| 44 | Properties of an alginate-gelatin-based bioink and its potential impact on cell migration, proliferation, and differentiation. International Journal of Biological Macromolecules, 2019, 135, 1107-1113. | 3.6 | 56 |
| 45 | Cordycepin prevents radiation ulcer by inhibiting cell senescence via NRF2 and AMPK in rodents. Nature Communications, 2019, 10, 2538. | 5.8 | 104 |
| 46 | Direct reprogramming of epidermal cells toward sweat gland-like cells by defined factors. Cell Death and Disease, 2019, 10, 272. | 2.7 | 11 |
| 47 | Developing a Novel and Convenient Model for Investigating Sweat Gland Morphogenesis from Epidermal Stem Cells. Stem Cells International, 2019, 2019, 1-7. | 1.2 | 7 |
| 48 | TSA restores hair follicle-inductive capacity of skin-derived precursors. Scientific Reports, 2019, 9, 2867. | 1.6 | 18 |
| 49 | MicroRNA-mediated regulation of BM-MSCs differentiation into sweat gland-like cells: targeting NF-Î°B. Journal of Molecular Histology, 2019, 50, 155-166. | 1.0 | 4 |
| 50 | Bioactive Molecules for Skin Repair and Regeneration: Progress and Perspectives. Stem Cells International, 2019, 2019, 1-13. | 1.2 | 21 |
| 51 | <i>Pten</i> loss in Lgr5<sup>+</sup> hair follicle stem cells promotes SCC development. Theranostics, 2019, 9, 8321-8331. | 4.6 | 20 |
| 52 | Are hair follicle stem cells promising candidates for wound healing?. Expert Opinion on Biological Therapy, 2019, 19, 119-128. | 1.4 | 22 |
| 53 | Advanced drug delivery systems and artificial skin grafts for skin wound healing. Advanced Drug Delivery Reviews, 2019, 146, 209-239. | 6.6 | 369 |
| 54 | Arsenic trioxide inhibits the differentiation of fibroblasts to myofibroblasts through nuclear factor erythroid 2â€like 2 (NFE2L2) protein and the Smad2/3 pathway. Journal of Cellular Physiology, 2019, 234, 2606-2617. | 2.0 | 15 |

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|---|---|---|---|
| 55 | Beyond 2D: 3D bioprinting for skin regeneration. International Wound Journal, 2019, 16, 134-138. | 1.3 | 30 |
| 56 | Kirsten Rat Sarcoma Viral Oncogene Homologue (KRAS) Mutations in the Occurrence and Treatment of Pancreatic Cancer. Current Topics in Medicinal Chemistry, 2019, 19, 2176-2186. | 1.0 | 6 |
| 57 | Biomimetic Silk Scaffolds with an Amorphous Structure for Soft Tissue Engineering. ACS Applied Materials & Interfaces, 2018, 10, 9290-9300. | 4.0 | 53 |
| 58 | Src activation decouples cell division orientation from cell geometry in mammalian cells. Biomaterials, 2018, 170, 82-94. | 5.7 | 2 |
| 59 | A novel model of humanised keloid scarring in mice. International Wound Journal, 2018, 15, 90-94. | 1.3 | 10 |
| 60 | Platelet-derived growth factor receptor beta identifies mesenchymal stem cells with enhanced engraftment to tissue injury and pro-angiogenic property. Cellular and Molecular Life Sciences, 2018, 75, 547-561. | 2.4 | 63 |
| 61 | Genetic engineering of T cells with chimeric antigen receptors for hematological malignancy immunotherapy. Science China Life Sciences, 2018, 61, 1320-1332. | 2.3 | 11 |
| 62 | The Focus and Target: Angiogenesis in Refractory Wound Healing. International Journal of Lower Extremity Wounds, 2018, 17, 301-303. | 0.6 | 17 |
| 63 | Regenerative medicine in China: new advances and hopes. Science China Life Sciences, 2018, 61, 1135-1136. | 2.3 | 5 |
| 64 | Improving Would Healing Ability by Training: Experiences of China. International Journal of Lower Extremity Wounds, 2018, 17, 190-194. | 0.6 | 4 |
| 65 | Chemical conversion of human and mouse fibroblasts into motor neurons. Science China Life Sciences, 2018, 61, 1151-1167. | 2.3 | 23 |
| 66 | JAM-A knockdown accelerates the proliferation and migration of human keratinocytes, and improves wound healing in rats via FAK/Erk signaling. Cell Death and Disease, 2018, 9, 848. | 2.7 | 23 |
| 67 | Tuning Alginate-Gelatin Bioink Properties by Varying Solvent and Their Impact on Stem Cell Behavior. Scientific Reports, 2018, 8, 8020. | 1.6 | 108 |
| 68 | Bone Marrow-Derived Mesenchymal Stem Cells Promoted Cutaneous Wound Healing by Regulating Keratinocyte Migration via Î²<sub>2</sub>-Adrenergic Receptor Signaling. Molecular Pharmaceutics, 2018, 15, 2513-2527. | 2.3 | 26 |
| 69 | A Novel Mechanism of Mesenchymal Stromal Cell-Mediated Protection against Sepsis: Restricting Inflammasome Activation in Macrophages by Increasing Mitophagy and Decreasing Mitochondrial ROS. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-15. | 1.9 | 40 |
| 70 | Location, Isolation, and Identification of Mesenchymal Stem Cells from Adult Human Sweat Glands. Stem Cells International, 2018, 2018, 1-12. | 1.2 | 9 |
| 71 | Targeting ectodysplasin promotor by CRISPR/dCas9-effector effectively induces the reprogramming of human bone marrow-derived mesenchymal stem cells into sweat gland-like cells. Stem Cell Research and Therapy, 2018, 9, 8. | 2.4 | 25 |
| 72 | Chemical modulation of cell fates: in situ regeneration. Science China Life Sciences, 2018, 61, 1137-1150. | 2.3 | 7 |

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| 73 | Irf6 directs glandular lineage differentiation of epidermal progenitors and promotes limited sweat gland regeneration in a mouse burn model. Stem Cell Research and Therapy, 2018, 9, 179. | 2.4 | 6 |
| 74 | Wnt1a maintains characteristics of dermal papilla cells that induce mouse hair regeneration in a 3D preculture system. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 1479-1489. | 1.3 | 24 |
| 75 | Mesenchymal stem cellâ€conditioned medium accelerates wound healing with fewer scars. International Wound Journal, 2017, 14, 64-73. | 1.3 | 77 |
| 76 | Umbilical cordâ€“derived mesenchymal stromal cellâ€“conditioned medium exerts in vitro antiaging effects in human fibroblasts. Cytotherapy, 2017, 19, 371-383. | 0.3 | 26 |
| 77 | Theoretical and practical aspects of using fetal fibroblasts for skin regeneration. Ageing Research Reviews, 2017, 36, 32-41. | 5.0 | 11 |
| 78 | Chinaâ€™s landscape in regenerative medicine. Biomaterials, 2017, 124, 78-94. | 5.7 | 18 |
| 79 | Extracorporeal shock wave therapy for chronic wounds: A systematic review and metaâ€analysis of randomized controlled trials. Wound Repair and Regeneration, 2017, 25, 697-706. | 1.5 | 28 |
| 80 | Small molecules for reprogramming and transdifferentiation. Cellular and Molecular Life Sciences, 2017, 74, 3553-3575. | 2.4 | 84 |
| 81 | Genetic and Methylation-Induced Loss of miR-181a2/181b2 within chr9q33.3 Facilitates Tumor Growth of Cervical Cancer through the PIK3R3/Akt/FoxO Signaling Pathway. Clinical Cancer Research, 2017, 23, 575-586. | 3.2 | 28 |
| 82 | Tollâ€like receptor 4 ablation rescues against paraquatâ€triggered myocardial dysfunction: Role of ER stress and apoptosis. Environmental Toxicology, 2017, 32, 656-668. | 2.1 | 30 |
| 83 | A Conditioned Medium of Umbilical Cord Mesenchymal Stem Cells Overexpressing Wnt7a Promotes Wound Repair and Regeneration of Hair Follicles in Mice. Stem Cells International, 2017, 2017, 1-13. | 1.2 | 43 |
| 84 | Anesthesia and Surgery Impair Bloodâ€“Brain Barrier and Cognitive Function in Mice. Frontiers in Immunology, 2017, 8, 902. | 2.2 | 153 |
| 85 | Preferred M2 Polarization by ASC-Based Hydrogel Accelerated Angiogenesis and Myogenesis in Volumetric Muscle Loss Rats. Stem Cells International, 2017, 2017, 1-13. | 1.2 | 23 |
| 86 | Optimization and enrichment of induced cardiomyocytes derived from mouse fibroblasts by reprogramming with cardiac transcription factors. Molecular Medicine Reports, 2017, 17, 3912-3920. | 1.1 | 0 |
| 87 | Regulation of macrophage migration in ischemic mouse hearts via an AKT2/NBA1/SPK1 pathway. Oncotarget, 2017, 8, 115345-115359. | 0.8 | 2 |
| 88 | Insight into Reepithelialization: How Do Mesenchymal Stem Cells Perform?. Stem Cells International, 2016, 2016, 1-9. | 1.2 | 39 |
| 89 | G-CSF Administration after the Intraosseous Infusion of Hypertonic Hydroxyethyl Starches Accelerating Wound Healing Combined with Hemorrhagic Shock. BioMed Research International, 2016, 2016, 1-9. | 0.9 | 6 |
| 90 | Retinoic Acid Induced-Autophagic Flux Inhibits ER-Stress Dependent Apoptosis and Prevents Disruption of Blood-Spinal Cord Barrier after Spinal Cord Injury. International Journal of Biological Sciences, 2016, 12, 87-99. | 2.6 | 44 |

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|---|---|---|---|
| 91 | Regeneration of hair and other skin appendages: A microenvironmentâ€centric view. Wound Repair and Regeneration, 2016, 24, 759-766. | 1.5 | 12 |
| 92 | Hypoxia pretreatment of bone marrowâ€"derived mesenchymal stem cells seeded in a collagenâ€chitosan sponge scaffold promotes skin wound healing in diabetic rats with hindlimb ischemia. Wound Repair and Regeneration, 2016, 24, 45-56. | 1.5 | 74 |
| 93 | Dynamic microenvironment and multiple damaged tissue regeneration in a de novo and synchronized manner. Science China Life Sciences, 2016, 59, 1332-1334. | 2.3 | 2 |
| 94 | Regenerative medicine in China: demands, capacity, and regulation. Burns and Trauma, 2016, 4, 24. | 2.3 | 9 |
| 95 | Skin appendage-derived stem cells: cell biology and potential for wound repair. Burns and Trauma, 2016, 4, 38. | 2.3 | 15 |
| 96 | Heparin-Based Coacervate of FGF2 Improves Dermal Regeneration by Asserting a Synergistic Role with Cell Proliferation and Endogenous Facilitated VEGF for Cutaneous Wound Healing. Biomacromolecules, 2016, 17, 2168-2177. | 2.6 | 99 |
| 97 | Mesenchymal stem cells ameliorate inflammatory cytokine-induced impairment of AT-II cells through a keratinocyte growth factor-dependent PI3K/Akt/mTOR signaling pathway. Molecular Medicine Reports, 2016, 13, 3755-3762. | 1.1 | 13 |
| 98 | Innovation, Translation, and Cooperation. International Journal of Lower Extremity Wounds, 2016, 15, 17-18. | 0.6 | 0 |
| 99 | Regenerative and reparative effects of human chorion-derived stem cell conditioned medium on photo-aged epidermal cells. Cell Cycle, 2016, 15, 1144-1155. | 1.3 | 10 |
| 100 | Efficacy of Topical Recombinant Human Epidermal Growth Factor for Treatment of Diabetic Foot Ulcer. International Journal of Lower Extremity Wounds, 2016, 15, 120-125. | 0.6 | 36 |
| 101 | Abnormalities in the basement membrane structure promote basal keratinocytes in the epidermis of hypertrophic scars to adopt a proliferative phenotype. International Journal of Molecular Medicine, 2016, 37, 1263-1273. | 1.8 | 31 |
| 102 | BrdU-label-retaining cells in rat eccrine sweat glands over time. Acta Histochemica, 2016, 118, 74-79. | 0.9 | 2 |
| 103 | Myoprotective effects of bFGF on skeletal muscle injury in pressure-related deep tissue injury in rats. Burns and Trauma, 2016, 4, 26. | 2.3 | 11 |
| 104 | Identification of a new sweat gland progenitor population in mice and the role of their niche in tissue development. Biochemical and Biophysical Research Communications, 2016, 479, 670-675. | 1.0 | 11 |
| 105 | Isoproterenol regulates CD44 expression in gastric cancer cells through STAT3/MicroRNA373 cascade. Biomaterials, 2016, 105, 89-101. | 5.7 | 24 |
| 106 | Mesenchymal stem cells-derived exosomal microRNAs contribute to wound inflammation. Science China Life Sciences, 2016, 59, 1305-1312. | 2.3 | 110 |
| 107 | Epigenetic Control of Reprogramming and Transdifferentiation by Histone Modifications. Stem Cell Reviews and Reports, 2016, 12, 708-720. | 5.6 | 26 |
| 108 | Basic fibroblast growth factor promotes melanocyte migration via activating PI3K/Aktâ€Rac1â€FAKâ€JNK and ERK signaling pathways. IUBMB Life, 2016, 68, 735-747. | 1.5 | 30 |

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| 109 | What Determines the Regenerative Capacity in Animals?. BioScience, 2016, 66, 735-746. | 2.2 | 58 |
| 110 | 3D bioprinting matrices with controlled pore structure and release function guide in vitro self-organization of sweat gland. Scientific Reports, 2016, 6, 34410. | 1.6 | 50 |
| 111 | Will stem cells bring hope to pathological skin scar treatment?. Cytotherapy, 2016, 18, 943-956. | 0.3 | 26 |
| 112 | Ageâ€associated changes in regenerative capabilities of mesenchymal stem cell: impact on chronic wounds repair. International Wound Journal, 2016, 13, 1252-1259. | 1.3 | 33 |
| 113 | Survey of Wound-Healing Centers and Wound Care Units in China. International Journal of Lower Extremity Wounds, 2016, 15, 274-279. | 0.6 | 15 |
| 114 | Autologous epidermal cell suspension: A promising treatment for chronic wounds. Journal of Tissue Viability, 2016, 25, 50-56. | 0.9 | 14 |
| 115 | Overexpression of cyclin D1 induces the reprogramming of differentiated epidermal cells into stem cell-like cells. Cell Cycle, 2016, 15, 644-653. | 1.3 | 16 |
| 116 | Changes in keratins and alpha-smooth muscle actin during three-dimensional reconstitution of eccrine sweat glands. Cell and Tissue Research, 2016, 365, 113-122. | 1.5 | 17 |
| 117 | 3D bioprinted extracellular matrix mimics facilitate directed differentiation of epithelial progenitors for sweat gland regeneration. Acta Biomaterialia, 2016, 32, 170-177. | 4.1 | 148 |
| 118 | Role of Keratinocyte Growth Factor in the Differentiation of Sweat Gland-Like Cells From Human Umbilical Cord-Derived Mesenchymal Stem Cells. Stem Cells Translational Medicine, 2016, 5, 106-116. | 1.6 | 29 |
| 119 | Epithelial-mesenchymal transition: An emerging target in tissue fibrosis. Experimental Biology and Medicine, 2016, 241, 1-13. | 1.1 | 95 |
| 120 | Innovative and propagable translational research model established for cell-based therapy at Chinese PLA General Hospital. Science China Life Sciences, 2016, 59, 1063-1067. | 2.3 | 1 |
| 121 | Mesenchymal stem cells for sweat gland regeneration after burns: From possibility to reality. Burns, 2016, 42, 492-499. | 1.1 | 18 |
| 122 | Oriented cell division: new roles in guiding skin wound repair and regeneration. Bioscience Reports, 2015, 35, . | 1.1 | 13 |
| 123 | Mesenchymal stem cellâ€"based therapy for nonhealing wounds: today and tomorrow. Wound Repair and Regeneration, 2015, 23, 465-482. | 1.5 | 39 |
| 124 | Hypoxia Pretreatment of Bone Marrow Mesenchymal Stem Cells Facilitates Angiogenesis by Improving the Function of Endothelial Cells in Diabetic Rats with Lower Ischemia. PLoS ONE, 2015, 10, e0126715. | 1.1 | 70 |
| 125 | bFGF Promotes the Migration of Human Dermal Fibroblasts under Diabetic Conditions through Reactive Oxygen Species Production via the PI3K/Akt-Rac1- JNK Pathways. International Journal of Biological Sciences, 2015, 11, 845-859. | 2.6 | 60 |
| 126 | Transdifferentiation of Umbilical Cordâ€"Derived Mesenchymal Stem Cells Into Epidermal-Like Cells by the Mimicking Skin Microenvironment. International Journal of Lower Extremity Wounds, 2015, 14, 136-145. | 0.6 | 14 |

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| 127 | Transdifferentiation of Fibroblasts by Defined Factors. Cellular Reprogramming, 2015, 17, 151-159. | 0.5 | 5 |
| 128 | LPS-preconditioned mesenchymal stromal cells modify macrophage polarization for resolution of chronic inflammation via exosome-shuttled let-7b. Journal of Translational Medicine, 2015, 13, 308. | 1.8 | 469 |
| 129 | Direct reprogramming of human fibroblasts into sweat gland-like cells. Cell Cycle, 2015, 14, 3498-3505. | 1.3 | 17 |
| 130 | Cytokeratin Expression at Different Stages in Sweat Gland Development of C57BL/6J Mice. International Journal of Lower Extremity Wounds, 2015, 14, 365-371. | 0.6 | 11 |
| 131 | Matrigel basement membrane matrix induces eccrine sweat gland cells to reconstitute sweat gland-like structures in nude mice. Experimental Cell Research, 2015, 332, 67-77. | 1.2 | 27 |
| 132 | A cohort study of diabetic patients and diabetic foot ulceration patients in China. Wound Repair and Regeneration, 2015, 23, 222-230. | 1.5 | 109 |
| 133 | Impaired wound healing results from the dysfunction of the Akt/mTOR pathway in diabetic rats. Journal of Dermatological Science, 2015, 79, 241-251. | 1.0 | 53 |
| 134 | Should pyogenic granulomas following burns be excised?. Burns, 2015, 41, 431-436. | 1.1 | 4 |
| 135 | Combination of keratins and alpha-smooth muscle actin distinguishes secretory coils from ducts of eccrine sweat glands. Acta Histochemica, 2015, 117, 275-278. | 0.9 | 11 |
| 136 | An LRP16-containing preassembly complex contributes to NF-Î²B activation induced by DNA double-strand breaks. Nucleic Acids Research, 2015, 43, 3167-3179. | 6.5 | 19 |
| 137 | Mesenchymal Stem Cells Suppress Fibroblast Proliferation and Reduce Skin Fibrosis Through a TGF-Î²3-Dependent Activation. International Journal of Lower Extremity Wounds, 2015, 14, 50-62. | 0.6 | 60 |
| 138 | Paracrine action of mesenchymal stromal cells delivered by microspheres contributes to cutaneous wound healing and prevents scar formation in mice. Cytotherapy, 2015, 17, 922-931. | 0.3 | 44 |
| 139 | Mesenchymal Stem Cellâ€"Conditioned Medium Improves the Proliferation and Migration of Keratinocytes in a Diabetes-Like Microenvironment. International Journal of Lower Extremity Wounds, 2015, 14, 73-86. | 0.6 | 55 |
| 140 | Hypoxia Regulates the Therapeutic Potential of Mesenchymal Stem Cells Through Enhanced Autophagy. International Journal of Lower Extremity Wounds, 2015, 14, 63-72. | 0.6 | 48 |
| 141 | Tolerance and efficacy of autologous or donor-derived T cells expressing CD19 chimeric antigen receptors in adult B-ALL with extramedullary leukemia. OncoImmunology, 2015, 4, e1027469. | 2.1 | 142 |
| 142 | Three-dimensional co-culture of BM-MSCs and eccrine sweat gland cells in Matrigel promotes transdifferentiation of BM-MSCs. Journal of Molecular Histology, 2015, 46, 431-438. | 1.0 | 15 |
| 143 | Sweat gland regeneration after burn injury: is stem cell therapy a new hope?. Cytotherapy, 2015, 17, 526-535. | 0.3 | 33 |
| 144 | Three statistical experimental designs for enhancing yield of active compounds from herbal medicines and anti motion sickness bioactivity. Pharmacognosy Magazine, 2015, 11, 435. | 0.3 | 7 |

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|---|---|---|---|
| 145 | Wound Care Study and Translation Application. International Journal of Lower Extremity Wounds, 2014, 13, 84-87. | 0.6 | 6 |
| 146 | Localization of Na+â€“K+-ATPase Î±/Î², Na+â€“K+â€“2Cl-cotransporter 1 and aquaporin-5 in human eccrine sweat glands. Acta Histochemica, 2014, 116, 1374-1381. | 0.9 | 24 |
| 147 | The cellular localization of Na+/H+ exchanger 1, cystic fibrosis transmembrane conductance regulator, potassium channel, epithelial sodium channel Î³ and vacuolar-type H+-ATPase in human eccrine sweat glands. Acta Histochemica, 2014, 116, 1237-1243. | 0.9 | 8 |
| 148 | Low-Dose Decitabine-Based Chemoimmunotherapy for Patients with Refractory Advanced Solid Tumors: A Phase I/II Report. Journal of Immunology Research, 2014, 2014, 1-14. | 0.9 | 52 |
| 149 | Regenerative medicine research in China: from basic research to clinical practice. Science China Life Sciences, 2014, 57, 155-156. | 2.3 | 5 |
| 150 | lncRNAs: Insights into their function and mechanics in underlying disorders. Mutation Research - Reviews in Mutation Research, 2014, 762, 1-21. | 2.4 | 196 |
| 151 | Mesenchymal stromal cells enhance wound healing by ameliorating impaired metabolism in diabetic mice. Cytotherapy, 2014, 16, 1467-1475. | 0.3 | 15 |
| 152 | MSC attenuate diabetes-induced functional impairment in adipocytes via secretion of insulin-like growth factor-1. Biochemical and Biophysical Research Communications, 2014, 452, 99-105. | 1.0 | 11 |
| 153 | Angiogenic Effect of Mesenchymal Stem Cells as a Therapeutic Target for Enhancing Diabetic Wound Healing. International Journal of Lower Extremity Wounds, 2014, 13, 88-93. | 0.6 | 24 |
| 154 | Whole-exome sequencing of endometriosis identifies frequent alterations in genes involved in cell adhesion and chromatin-remodeling complexes. Human Molecular Genetics, 2014, 23, 6008-6021. | 1.4 | 59 |
| 155 | Modifications of traditional pressure gloves for improved performance in scar flexion contracture prevention and fingertip circulation inspection. Burns and Trauma, 2014, 2, 146. | 0.7 | 1 |
| 156 | Treatment of MSCs with Wnt1a-conditioned medium activates DP cells and promotes hair follicle regrowth. Scientific Reports, 2014, 4, 5432. | 1.6 | 64 |
| 157 | Epidermal stem cells: an update on their potential in regenerative medicine. Expert Opinion on Biological Therapy, 2013, 13, 901-910. | 1.4 | 11 |
| 158 | Three-dimensional culture and identification of human eccrine sweat glands in matrigel basement membrane matrix. Cell and Tissue Research, 2013, 354, 897-902. | 1.5 | 32 |
| 159 | Prevention and control of serious trauma and accidental injury in China: Timely but difficult. Burns and Trauma, 2013, 1, 2. | 0.7 | 1 |
| 160 | Autologous CIK Cell Immunotherapy in Patients with Renal Cell Carcinoma after Radical Nephrectomy. Clinical and Developmental Immunology, 2013, 2013, 1-12. | 3.3 | 26 |
| 161 | Culturing on Wharton's Jelly Extract Delays Mesenchymal Stem Cell Senescence through p53 and p16INK4a/pRb Pathways. PLoS ONE, 2013, 8, e58314. | 1.1 | 36 |
| 162 | Establishing an Education Program for Chronic Wound Care in China. International Journal of Lower Extremity Wounds, 2012, 11, 320-324. | 0.6 | 7 |

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|---|---|---|---|
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