

# Aimei Zhong

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

668  
citations

687363

13  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

931  
citing authors

#	ARTICLE	IF	CITATIONS
1	Promotion of skin regeneration through co-axial electrospun fibers loaded with basic fibroblast growth factor. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 1111-1125.	21.1	43
2	Biodegradable and injectable poly(vinyl alcohol) microspheres in silk sericin-based hydrogel for the controlled release of antimicrobials: application to deep full-thickness burn wound healing. <i>Advanced Composites and Hybrid Materials</i> , 2022, 5, 2847-2872.	21.1	40
3	Antioxidant biocompatible composite collagen dressing for diabetic wound healing in rat model. <i>International Journal of Energy Production and Management</i> , 2021, 8, rbab003.	3.7	14
4	Experimental models for cutaneous hypertrophic scar research. <i>Wound Repair and Regeneration</i> , 2020, 28, 126-144.	3.0	23
5	Sustained delivery of alendronate by engineered collagen scaffold for the repair of osteoporotic bone defects and resistance to bone loss. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 2460-2472.	4.0	17
6	Superficial Muscular Aponeurotic Systemâ€“Pedicled Flaps for the Reconstruction of Facial Defects: Clinical application and Anatomical Basis. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2020, 73, 1318-1325.	1.0	2
7	N-acetyl cysteine-loaded graphene oxide-collagen hybrid membrane for scarless wound healing. <i>Theranostics</i> , 2019, 9, 5839-5853.	10.0	78
8	Sustained release of N-acetylcysteine by sandwich structured polycaprolactone/collagen scaffolds for wound healing. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 1414-1424.	4.0	28
9	An in vivo comparative study of the gelatin microtissueâ€“based bottomâ€“up strategy and topâ€“down strategy in bone tissue engineering application. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 678-688.	4.0	13
10	Collagen Functionalized With Graphene Oxide Enhanced Biomimetic Mineralization and in Situ Bone Defect Repair. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 44080-44091.	8.0	77
11	Off-the-Shelf Biomimetic Graphene Oxideâ€“Collagen Hybrid Scaffolds Wrapped with Osteoinductive Extracellular Matrix for the Repair of Cranial Defects in Rats. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 42948-42958.	8.0	55
12	The risks and external effects of diabetic foot ulcer on diabetic patients: A hospitalâ€“based survey in Wuhan area, China. <i>Wound Repair and Regeneration</i> , 2017, 25, 858-863.	3.0	12
13	S100A12 Induced in the Epidermis by Reduced Hydration Activates Dermal Fibroblasts and Causes Dermal Fibrosis. <i>Journal of Investigative Dermatology</i> , 2017, 137, 650-659.	0.7	36
14	Topical Administration of Oxygenated Hemoglobin Improved Wound Healing in an Ischemic Rabbit Ear Model. <i>Plastic and Reconstructive Surgery</i> , 2016, 137, 534-543.	1.4	6
15	S100A8 and S100A9 Are Induced by Decreased Hydration in the Epidermis and Promote Fibroblast Activation and Fibrosis in the Dermis. <i>American Journal of Pathology</i> , 2016, 186, 109-122.	3.8	69
16	Sodium channel Na <sub>v</sub> 1.7 is a regulator in epithelial sodium homeostasis. <i>Science Translational Medicine</i> , 2015, 7, 312ra177.	12.4	53
17	Hydration Status Regulates Sodium Flux and Inflammatory Pathways through Epithelial Sodium Channel (ENaC) in the Skin. <i>Journal of Investigative Dermatology</i> , 2015, 135, 796-806.	0.7	58
18	Stromalâ€“epithelial cell interactions and alteration of branching morphogenesis in macromastic mammary glands. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 1257-1266.	3.6	9

#	ARTICLE	IF	CITATIONS
19	The Expression of Proinflammatory Genes in Epidermal Keratinocytes Is Regulated by Hydration Status. Journal of Investigative Dermatology, 2014, 134, 1044-1055.	0.7	35