Breathable hydrogel dressings containing natural antioxidants for management of skin disorders

DOI: 10.1177/0885328218816526
Journal of Biomaterials Applications, 2019, 33, 1265-1276.

#	Paper	IF	Citations
27	5-hydroxymethylfurfural-embedded poly (vinyl alcohol)/sodium alginate hybrid hydrogels accelerate wound healing. *International Journal of Biological Macromolecules*, **2019**, 138, 933-949	7.9	29
26	A pragmatic review on the property, role and significance of polymers in treating diabetic foot ulcer. *Materials Today: Proceedings*, **2020**, 23, 91-99	1.4	2
25	Injectable supramolecular gelatin hydrogel loading of resveratrol and histatin-1 for burn wound therapy. *Biomaterials Science*, **2020**, 8, 4810-4820	7.4	20
24	Development of an antimicrobial and antioxidant hydrogel/nano-electrospun wound dressing.. *RSC Advances*, **2020**, 10, 30508-30518	3.7	4
23	Nanomaterials for Wound Dressings: An Up-to-Date Overview. *Molecules*, **2020**, 25,	4.8	65
22	Role of active nanoliposomes in the surface and bulk mechanical properties of hybrid hydrogels. *Materials Today Bio*, **2020**, 6, 100046	9.9	11
21	Flexible poly(styrene-ethylene-butadiene-styrene) hybrid nanofibers for bioengineering and water filtration applications. *Journal of Applied Polymer Science*, **2020**, 137, 49184	2.9	10
20	Hydrogel Dressings for the Treatment of Burn Wounds: An Up-To-Date Overview. *Materials*, **2020**, 13,	3.5	33
19	Gelatin/poly(vinyl alcohol) based hydrogel film - A potential biomaterial for wound dressing: Experimental design and optimization followed by rotatable central composite design. *Journal of Biomaterials Applications*, **2021**, 36, 682-700	2.9	4
18	The Use of Micro- and Nanocarriers for Resveratrol Delivery into and across the Skin in Different Skin Diseases-A Literature Review. *Pharmaceutics*, **2021**, 13,	6.4	8
17	Poly(Vinyl Alcohol) Cryogel Membranes Loaded with Resveratrol as Potential Active Wound Dressings. *AAPS PharmSciTech*, **2021**, 22, 109	3.9	5
16	The impact of resveratrol on skin wound healing, scarring, and aging. *International Wound Journal*, **2021**,	2.6	5
15	3D-Printed Hydrogel-Filled Microneedle Arrays. *Advanced Healthcare Materials*, **2021**, 10, e2001922	10.1	6
14	assessment of green polyhydroxybutyrate/chitosan blend loaded with kaempferol nanocrystals as a potential dressing for infected wounds. *Nanotechnology*, **2021**, 32,	3.4	10
13	Rational Design of Immunomodulatory Hydrogels for Chronic Wound Healing. *Advanced Materials*, **2021**, 33, e2100176	24	50
12	printing of growth factor-eluting adhesive scaffolds improves wound healing. *Bioactive Materials*, **2022**, 8, 296-308	16.7	13
11	Synthesis and characterization of levan hydrogels and their use for resveratrol release. *Journal of Bioactive and Compatible Polymers*, 088391152110557	2	4

10	Polyphenol-Based Nanoparticles as Multifaceted Diabetes Modulators. *Nanotechnology in the Life Sciences*, **2020**, 251-270	1.1	
9	pH responsive release of curcumin from photocrosslinked pectin/gelatin hydrogel wound dressings.. *Materials Science and Engineering C*, **2022**, 112717	8.3	3
8	Antibiotics-Free Compounds for Chronic Wound Healing. *Pharmaceutics*, **2022**, 14, 1021	6.4	1
7	Bionanomaterials for wound healing applications. **2022**, 259-304		1
6	The Effect of Eurycoma longifolia Jack Tongkat Ali Hydrogel on Wound Contraction and Re-Epithelialization in In Vivo Excisional Wound Model. *Open Access Macedonian Journal of Medical Sciences*, **2022**, 10, 634-643	1	1
5	Design, preparation, and characterization of silk fibroin/carboxymethyl cellulose wound dressing for skin tissue regeneration applications. *Polymer Engineering and Science*,	2.3	1
4	Punicalagin-Loaded Alginate/Chitosan-Gallol Hydrogels for Efficient Wound Repair and Hemostasis. **2022**, 14, 3248		0
3	Anti-inflammatory hydrogel dressings and skin wound healing. **2022**, 12,		3
2	Curcumin-loaded alginate hydrogels for cancer therapy and wound healing applications: A review. **2023**, 123283		2
1	Biopolymer-based composites for tissue engineering applications: A basis for future opportunities. **2023**, 258, 110701		0