

Burn injury: Challenges and advances in burn wound he

Advanced Drug Delivery Reviews

123, 3-17

DOI: 10.1016/j.addr.2017.09.018

Citation Report

#	ARTICLE	IF	CITATIONS
1	Tunable sequential drug delivery system based on chitosan/hyaluronic acid hydrogels and PLGA microspheres for management of non-healing infected wounds. <i>Materials Science and Engineering C</i> , 2018, 89, 213-222.	3.8	96
2	Stem cells derived from burned skin - The future of burn care. <i>EBioMedicine</i> , 2018, 37, 509-520.	2.7	43
3	Biomimetic Elastomeric Polypeptide-Based Nanofibrous Matrix for Overcoming Multidrug-Resistant Bacteria and Enhancing Full-Thickness Wound Healing/Skin Regeneration. <i>ACS Nano</i> , 2018, 12, 10772-10784.	7.3	197
4	In Situ Forming Injectable Silk Fibroin Hydrogel Promotes Skin Regeneration in Full Thickness Burn Wounds. <i>Advanced Healthcare Materials</i> , 2018, 7, e1801092.	3.9	156
5	Bactericidal Property of Oregano Oil Against Multidrug-Resistant Clinical Isolates. <i>Frontiers in Microbiology</i> , 2018, 9, 2329.	1.5	66
6	Sericin hydrogels promote skin wound healing with effective regeneration of hair follicles and sebaceous glands after complete loss of epidermis and dermis. <i>Biomaterials Science</i> , 2018, 6, 2859-2870.	2.6	85
7	Case report of Wolfe grafting for the management of bilateral cicatricial eyelid ectropion following severe burn injuries. <i>Annals of Medicine and Surgery</i> , 2018, 34, 58-61.	0.5	4
8	Preclinical assessment of safety and efficacy of intravenous delivery of autologous adipose-derived regenerative cells (ADRCs) in the treatment of severe thermal burns using a porcine model. <i>Burns</i> , 2018, 44, 1531-1542.	1.1	21
9	Mesenchymal Stromal Cell Preconditioning: The Next Step Toward a Customized Treatment For Severe Burn. <i>Stem Cells and Development</i> , 2018, 27, 1385-1405.	1.1	13
10	Thermal, chemical, biological and mechanical properties of chitosan films with powder of eggshell membrane for biomedical applications. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 136, 725-735.	2.0	20
11	Ethnophytotherapy Practices for Wound Healing among Populations of District Haripur, KPK, Pakistan. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-11.	0.5	8
12	Silkworm Silk Scaffolds Functionalized with Recombinant Spider Silk Containing a Fibronectin Motif Promotes Healing of Full-Thickness Burn Wounds. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 4634-4645.	2.6	17
13	A Meta-Analysis of the Prevalence of Class 1 Integron and Correlation with Antibiotic Resistance in <i>Pseudomonas aeruginosa</i> Recovered from Iranian Burn Patients. <i>Journal of Burn Care and Research</i> , 2019, 40, 972-978.	0.2	10
14	Study of virulence genes and related with biofilm formation in <i>Pseudomonas aeruginosa</i> isolated from clinical samples of Iranian patients; A systematic review. <i>Gene Reports</i> , 2019, 17, 100471.	0.4	4
15	Multiple Injections of Autologous Adipose-Derived Stem Cells Accelerate the Burn Wound Healing Process and Promote Blood Vessel Regeneration in a Rat Model. <i>Stem Cells and Development</i> , 2019, 28, 1463-1472.	1.1	44
16	The Cutaneous Inflammatory Response to Thermal Burn Injury in a Murine Model. <i>International Journal of Molecular Sciences</i> , 2019, 20, 538.	1.8	56
17	Biotechnological Applications of Polyhydroxyalkanoates. , 2019, , .		24
18	Nanofibers from Polyhydroxyalkanoates and Their Applications in Tissue Engineering. , 2019, , 409-420.		2

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19	Evaluation of Platensimycin and Platensimycin-Inspired Thioether Analogues against Methicillin-Resistant <i>Staphylococcus aureus</i> in Topical and Systemic Infection Mouse Models. <i>Molecular Pharmaceutics</i> , 2019, 16, 3065-3071.	2.3	20
20	The facile fabrication of wound compatible anti-microbial nanoparticles encapsulated Collagenous Chitosan matrices for effective inhibition of poly-microbial infections and wound repairing in burn injury care: Exhaustive in vivo evaluations. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 197, 111539.	1.7	37
21	How the service delivery works in the Iranian specialised burns hospitals? A qualitative approach. <i>PLoS ONE</i> , 2019, 14, e0216489.	1.1	4
22	Skin wound repair: Results of a pre-clinical study to evaluate electroporation collagen-elastin-PCL scaffolds as dermal substitutes. <i>Burns</i> , 2019, 45, 1639-1648.	1.1	53
23	Effects of depression on healing and inflammatory responses of acute wounds in rats. <i>Wound Repair and Regeneration</i> , 2019, 27, 462-469.	1.5	4
24	Preparation and evaluation of QbD based fusidic acid loaded in situ gel formulations for burn wound treatment. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 52, 110-121.	1.4	29
25	Late immune consequences of combat trauma: a review of trauma-related immune dysfunction and potential therapies. <i>Military Medical Research</i> , 2019, 6, 11.	1.9	29
26	Identification of Merkel cells associated with neurons in engineered skin substitutes after grafting to full thickness wounds. <i>PLoS ONE</i> , 2019, 14, e0213325.	1.1	13
27	Phytochemical screening and wound healing activity of <i>Telephium imperati</i> (L.) in rats. <i>South African Journal of Botany</i> , 2019, 123, 147-151.	1.2	12
28	Nanofiber Dressings Topically Delivering Molecularly Engineered Human Cathelicidin Peptides for the Treatment of Biofilms in Chronic Wounds. <i>Molecular Pharmaceutics</i> , 2019, 16, 2011-2020.	2.3	42
29	Using Bioactive Glasses in the Management of Burns. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 62.	2.0	47
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34	Burn wound and therapeutic challenge. <i>Journal of the Chinese Medical Association</i> , 2019, 82, 748-749.	0.6	14
35	Effects and parameters of the photobiomodulation in experimental models of third-degree burn: systematic review. <i>Lasers in Medical Science</i> , 2019, 34, 637-648.	1.0	11
36	In vitro and in vivo studies of novel fabricated bioactive dressings based on collagen and zinc oxide 3D scaffolds. <i>International Journal of Pharmaceutics</i> , 2019, 557, 199-207.	2.6	68

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38	Effectiveness of a hydrogel dressing as an analgesic adjunct to first aid for the treatment of acute paediatric thermal burn injuries: study protocol for a randomised controlled trial. <i>Trials</i> , 2019, 20, 13.	0.7	11
39	Novel pharmacotherapy for burn wounds: what are the advancements. <i>Expert Opinion on Pharmacotherapy</i> , 2019, 20, 305-321.	0.9	26
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46	Green preparation of anti-inflammation an injectable 3D porous hydrogel for speeding up deep second-degree scald wound healing. <i>RSC Advances</i> , 2020, 10, 36101-36110.	1.7	6
47	The effects of cross-linking a collagen-elastin dermal template on scaffold bio-stability and degradation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1189-1200.	1.3	6
48	Silk fibroin and silk-based biomaterial derivatives for ideal wound dressings. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 4613-4627.	3.6	92
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52	The effectiveness and safety of beta antagonist in burned patients: A systematic review and meta-analysis. <i>International Wound Journal</i> , 2020, 17, 1881-1892.	1.3	7
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57	Progenitor Biological Bandages: An Authentic Swiss Tool for Safe Therapeutic Management of Burns, Ulcers, and Donor Site Grafts. <i>Methods in Molecular Biology</i> , 2020, 2286, 49-65.	0.4	5
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60	Comparison of botulinum toxin type A and aprotinin monotherapy with combination therapy in healing of burn wounds in an animal model. <i>Molecular Biology Reports</i> , 2020, 47, 2693-2702.	1.0	5
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62	Calcium Alginate Polysaccharide Dressing as an Accelerated Treatment for Burn Wound Healing. , 0, , .		3
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66	Nanomaterials for Angiogenesis in Skin Tissue Engineering. <i>Tissue Engineering - Part B: Reviews</i> , 2020, 26, 203-216.	2.5	53
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69	Triple-Helix-Stabilizing Effects in Collagen Model Peptides Containing PPII-Helix-Preorganized Diproline Modules. <i>Angewandte Chemie</i> , 2020, 132, 5796-5804.	1.6	2
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71	Evaluation of burn wound healing activity of novel fusidic acid loaded microemulsion based gel in male Wistar albino rats. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 338-348.	1.2	33
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73	Human-Derived Scaffold Components and Stem Cells Creating Immunocompatible Dermal Tissue Ensuing Regulated Nonfibrotic Cellular Phenotypes. ACS Biomaterials Science and Engineering, 2020, 6, 2740-2756.	2.6	18
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107	Delivery of Bioactive Compounds to Improve Skin Cell Responses on Microfabricated Electrospun Microenvironments. <i>Bioengineering</i> , 2021, 8, 105.	1.6	10
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111	Resveratrol promotes skin wound healing by regulating the miR-212/CASP8 axis. <i>Laboratory Investigation</i> , 2021, 101, 1363-1370.	1.7	10
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113	Current knowledge of immunomodulation strategies for chronic skin wound repair. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 265-288.	1.6	15
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122	Risk factors of persistent insomnia among survivors of traumatic injury: a retrospective cohort study. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 1831-1840.	1.4	10
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125	Burns and biofilms: priority pathogens and in vivo models. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 73.	2.9	44
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136	Using bioprinting and spheroid culture to create a skin model with sweat glands and hair follicles. <i>Burns and Trauma</i> , 2021, 9, tkab013.	2.3	34
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140	Combination of platelet-rich plasma and stromal vascular fraction on the level of transforming growth factor- β^2 in rat subjects experiencing deep dermal burn injury. <i>Annals of Medicine and Surgery</i> , 2020, 60, 737-742.	0.5	13
141	Environment adaptive hydrogels for extreme conditions: a review. <i>Biosurface and Biotribology</i> , 2019, 5, 104-109.	0.6	6
142	The role of Iranian medicinal plants in experimental surgical skin wound healing: An integrative review. <i>Iranian Journal of Basic Medical Sciences</i> , 2019, 22, 590-600.	1.0	9
143	A bilayered skin substitute developed using an eggshell membrane crosslinked gelatinâ€“chitosan cryogel. <i>Biomaterials Science</i> , 2021, 9, 7921-7933.	2.6	10
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147	Mesoporous polydopamine nanoparticles carrying peptide RL-QN15 show potential for skin wound therapy. <i>Journal of Nanobiotechnology</i> , 2021, 19, 309.	4.2	26
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