Seol-Ha Jeong

List of Publications by Year
in descending order

28 papers	846 citations	471509 17 h-index	501196 28 g-index
28 all docs	28 docs citations	28 times ranked	1319 citing authors

#	Article	IF	Citations
1	Enhancement of bio-stability and mechanical properties of hyaluronic acid hydrogels by tannic acid treatment. Carbohydrate Polymers, 2018, 186, 290-298.	10.2	115
2	Accelerated wound healing with an ionic patch assisted by a triboelectric nanogenerator. Nano Energy, 2021, 79, 105463.	16.0	104
3	Strong and biocompatible poly(lactic acid) membrane enhanced by Ti3C2Tz (MXene) nanosheets for Guided bone regeneration. Materials Letters, 2018, 229, 114-117.	2.6	100
4	Strong and Biostable Hyaluronic Acidâ€“Calcium Phosphate Nanocomposite Hydrogel via in Situ Precipitation Process. Biomacromolecules, 2016, 17, 841-851.	5.4	60
5	Polyurethane-silica hybrid foams from a one-step foaming reaction, coupled with a sol-gel process, for enhanced wound healing. Materials Science and Engineering C, 2017, 79, 866-874.	7.3	37
6	Polydeoxyribonucleotide-delivering therapeutic hydrogel for diabetic wound healing. Scientific Reports, 2020, 10, 16811.	3.3	35
7	Effective Wound Healing by Antibacterial and Bioactive Calcium-Fluoride-Containing Composite Hydrogel Dressings Prepared Using in Situ Precipitation. ACS Biomaterials Science and Engineering, 2018, 4, 2380-2389.	5.2	33
8	Porous calcium phosphateâ€“collagen composite microspheres for effective growth factor delivery and bone tissue regeneration. Materials Science and Engineering C, 2020, 109, 110480.	7.3	32
9	Calcium Phosphateâ€“Collagen Scaffold with Aligned Pore Channels for Enhanced Osteochondral Regeneration. Advanced Healthcare Materials, 2017, 6, 1700966.	7.6	31
10	Hyaluronic Acid-Based Hybrid Hydrogel Microspheres with Enhanced Structural Stability and High Injectability. ACS Omega, 2019, 4, 13834-13844.	3.5	30
11	One-pot synthesis of silane-modified hyaluronic acid hydrogels for effective antibacterial drug delivery via solâ€“gel stabilization. Colloids and Surfaces B: Biointerfaces, 2019, 174, 308-315.	5.0	30
12	Acceleration of the healing process of full-thickness wounds using hydrophilic chitosanâ€“silica hybrid sponge in a porcine model. Journal of Biomaterials Applications, 2018, 32, 1011-1023.	2.4	26
13	Facile strategy involving low-temperature chemical cross-linking to enhance the physical and biological properties of hyaluronic acid hydrogel. Carbohydrate Polymers, 2018, 202, 545-553.	10.2	24
14	Long-lasting and bioactive hyaluronic acid-hydroxyapatite composite hydrogels for injectable dermal fillers: Physical properties and in vivo durability. Journal of Biomaterials Applications, 2016, 31, 464-474.	2.4	23
15	Fluorine-ion-releasing injectable alginate nanocomposite hydrogel for enhanced bioactivity and antibacterial property. International Journal of Biological Macromolecules, 2019, 123, 866-877.	7.5	22
16	Enhanced mechanical stability of PTFE coating on nano-roughened NiTi for biomedical applications. Materials Letters, 2018, 216, 12-15.	2.6	21
17	A combination strategy of functionalized polymer coating with Ta ion implantation for multifunctional and biodegradable vascular stents. Journal of Magnesium and Alloys, 2021, 9, 2194-2206.	11.9	20
18	In vitro and in vivo evaluation of polylactic acid-based composite with tricalcium phosphate microsphere for enhanced biodegradability and osseointegration. Journal of Biomaterials Applications, 2018, 32, 1360-1370.	2.4	18

#	ARTICLE	IF	CITATIONS
19	Chitosan-Based Dressing Materials for Problematic Wound Management. Advances in Experimental Medicine and Biology, 2018, 1077, 527-537.	1.6	18
20	Hyaluronic acidâ€hydroxyapatite nanocomposite hydrogels for enhanced biophysical and biological performance in a dermal matrix. Journal of Biomedical Materials Research - Part A, 2017, 105, 3315-3325.	4.0	16
21	Dualâ€Crosslinking of Hyaluronic Acidâ€"Calcium Phosphate Nanocomposite Hydrogels for Enhanced Mechanical Properties and Biological Performance. Macromolecular Materials and Engineering, 2017, 302, 1700160.	3.6	13
22	Biomimetic Coating of Hydroxyapatite on Glycerol Phosphate-Conjugated Polyurethane via Mineralization. ACS Omega, 2017, 2, 981-987.	3.5	11
23	An Implantable Ionic Wireless Power Transfer System Facilitating Electrosynthesis. ACS Nano, 2020, 14, 11743-11752.	14.6	10
24	Strategy for Preparing Mechanically Strong Hyaluronic Acidâ€"Silica Nanohybrid Hydrogels via In Situ Solâ€"Gel Process. Macromolecular Materials and Engineering, 2018, 303, 1800213.	3.6	7
25	Multilayered Polyurethaneâ€"Hydroxyapatite Composite for Meniscus Replacements. Macromolecular Materials and Engineering, 2019, 304, 1800352.	3.6	5
26	Enhanced biolubrication on biomedical devices using hyaluronic acid-silica nanohybrid hydrogels. Colloids and Surfaces B: Biointerfaces, 2019, 184, 110503.	5.0	3
27	Preparation of Hyaluronicâ€Acidâ€Based Microspherical Particles with Tunable Morphology Using a Spray Method on a Superhydrophobic Surface. Macromolecular Materials and Engineering, 2019, 304, 1900100.	3.6	1
28	Use of thioglycerol on porous polyurethane as an effective theranostic capping agent for bone tissue engineering. Journal of Biomaterials Applications, 2019, 33, 955-966.	2.4	1