

pH Sensitive Hydrogels in Drug Delivery: Brief History, Mechanism, Material Selection and Applications

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Citation Report

#	ARTICLE	IF	CITATIONS
1	3D printing of responsive hydrogels for drug-delivery systems. <i>Journal of 3D Printing in Medicine</i> , 2017, 1, 219-229.	1.0	71
2	1,3,5-Triazine-2,4,6-tribenzaldehyde derivative as a new crosslinking agent for synthesis of pH-thermo dual responsive chitosan hydrogels and their nanocomposites: Swelling properties and drug release behavior. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 1088-1095.	3.6	29
3	Improved In Vivo Efficacy of Anti-Hypertensive Biopeptides Encapsulated in Chitosan Nanoparticles Fabricated by Ionotropic Gelation on Spontaneously Hypertensive Rats. <i>Nanomaterials</i> , 2017, 7, 421.	1.9	30
4	Preparation and Characterization of Quaternized Chitosan Coated Alginate Microspheres for Blue Dextran Delivery. <i>Polymers</i> , 2017, 9, 210.	2.0	16
6	pH responsive N-succinyl chitosan/Poly (acrylamide-co-acrylic acid) hydrogels and in vitro release of 5-fluorouracil. <i>PLoS ONE</i> , 2017, 12, e0179250.	1.1	67
7	Tuning the Mechanical Properties of BIEEâ€Crosslinked Semiâ€Interpenetrating, Doubleâ€Hydrophilic Hydrogels. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1700643.	1.7	2
8	Acidified/basified gellan gum gels: The role of the structure in drying/rehydration mechanisms. <i>Food Hydrocolloids</i> , 2018, 82, 346-354.	5.6	32
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10	Amino acid-derived stimuli-responsive polymers and their applications. <i>Polymer Chemistry</i> , 2018, 9, 1257-1287.	1.9	143
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13	Polyaspartamide Functionalized Catechol-Based Hydrogels Embedded with Silver Nanoparticles for Antimicrobial Properties. <i>Polymers</i> , 2018, 10, 1188.	2.0	10
14	Strategies for Improving Ocular Drug Bioavailability and Corneal Wound Healing with Chitosan-Based Delivery Systems. <i>Polymers</i> , 2018, 10, 1221.	2.0	82
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17	Smart pH responsive drug delivery system based on poly(HEMA-co-DMAEMA) nanohydrogel. <i>International Journal of Pharmaceutics</i> , 2018, 552, 301-311.	2.6	71
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