Cong Truc Huynh

List of Publications by Year
in descending order

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29 papers	1,161 citations	304743 22 h-index	477307 29 g-index
31 all docs	31 docs citations	31 times ranked	1459 citing authors

#	Article	IF	Citations
1	4D biofabrication via instantly generated graded hydrogel scaffolds. Bioactive Materials, 2022, 7, 324-332.	15.6	45
2	Hydrogel microspheres for spatiotemporally controlled delivery of RNA and silencing gene expression within scaffold-free tissue engineered constructs. Acta Biomaterialia, 2021, 124, 315-326.	8.3	21
3	Covalently tethering siRNA to hydrogels for localized, controlled release and gene silencing. Science Advances, 2019, 5, eaax0801.	10.3	27
4	Thiol-Epoxy â€œClickâ€•Chemistry to Engineer Cytocompatible PEG-Based Hydrogel for siRNA-Mediated Osteogenesis of hMSCs. ACS Applied Materials & Interfaces, 2018, 10, 25936-25942.	8.0	38
5	Cytocompatible Catalyst-Free Photodegradable Hydrogels for Light-Mediated RNA Release To Induce hMSC Osteogenesis. ACS Biomaterials Science and Engineering, 2017, 3, 2011-2023.	5.2	26
6	Photocrosslinkable, biodegradable hydrogels with controlled cell adhesivity for prolonged siRNA delivery to hMSCs to enhance their osteogenic differentiation. Journal of Materials Chemistry B, 2017, 5, 485-495.	5.8	22
7	Sulfamethazine-based pH-sensitive hydrogels with potential application for transcatheter arterial chemoembolization therapy. Acta Biomaterialia, 2016, 41, 253-263.	8.3	55
8	A novel sulfamethazine-based pH-sensitive copolymer for injectable radiopaque embolic hydrogels with potential application in hepatocellular carcinoma therapy. Polymer Chemistry, 2016, 7, 5805-5818.	3.9	29
9	Photocleavable Hydrogels for Lightâ€Triggered siRNA Release. Advanced Healthcare Materials, 2016, 5, 305-310.	7.6	44
10	Light-triggered RNA release and induction of hMSC osteogenesis via photodegradable, dual-crosslinked hydrogels. Nanomedicine, 2016, 11, 1535-1550.	3.3	35
11	Intraarterial gelation of injectable cationic pH/temperature-sensitive radiopaque embolic hydrogels in a rabbit hepatic tumor model and their potential application for liver cancer treatment. RSC Advances, 2016, 6, 47687-47697.	3.6	21
12	Controlled Release. , 2014, , 1-12.		3
13	Synthesis, Characteristics and Potential Application of Poly(Î²-Amino Ester Urethane)-Based Multiblock Co-Polymers as an Injectable, Biodegradable and pH/Temperature-Sensitive Hydrogel System. Journal of Biomaterials Science, Polymer Edition, 2012, 23, 1091-1106.	3.5	26
14	Dually cationic and anionic pH/temperature-sensitive injectable hydrogels and potential application as a protein carrier. Chemical Communications, 2012, 48, 10951.	4.1	38
15	Synthesis and characterization of poly(amino urea urethane)-based block copolymer and its potential application as injectable pH/temperature-sensitive hydrogel for protein carrier. Polymer, 2012, 53, 4069-4075.	3.8	27
16	Controlling the properties of poly(amino ester urethane)â€“poly(ethylene glycol)â€“poly(amino ester) Tj ETQq0 0 0 rgBT /Overlock 10 T 290, 1077-1086.	2.1	20
17	Controlled release of human growth hormone from a biodegradable pH/temperature-sensitive hydrogel system. Soft Matter, 2011, 7, 8984.	2.7	60
18	Biodegradable oligo(amidoamine/Î²-amino ester) hydrogels for controlled insulin delivery. Soft Matter, 2011, 7, 2994.	2.7	45

#	Article	IF	Citations
19	Injectable Block Copolymer Hydrogels: Achievements and Future Challenges for Biomedical Applications. Macromolecules, 2011, 44, 6629-6636.	4.8	221
20	Sustained delivery of doxorubicin using biodegradable pH/temperature-sensitive poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	2.7	75
21	Biodegradable star-shaped poly(ethylene glycol)-poly(Î²-amino ester) cationic pH/temperature-sensitive copolymer hydrogels. Colloid and Polymer Science, 2011, 289, 301-308.	2.1	27
22	pHâ€Sensitive Pentablock Copolymer Nanocapsules as Nontoxic and Efficient Gene Carriers. Macromolecular Bioscience, 2011, 11, 789-796.	4.1	10
23	Biodegradable pH/temperature-sensitive oligo(Î²-amino ester urethane) hydrogels for controlled release of doxorubicin. Acta Biomaterialia, 2011, 7, 3123-3130.	8.3	59
24	Synthesis and characterization of an amphiphilic graft polymer and its potential as a pH-sensitive drug carrier. Polymer, 2011, 52, 3304-3310.	3.8	29
25	Picolyamine based pH/temperature sensitive hydrogels. Macromolecular Research, 2010, 18, 589-595.	2.4	14
26	Biodegradable pH- and temperature-sensitive multiblock copolymer hydrogels based on poly(amino-ester urethane)s. Macromolecular Research, 2010, 18, 974-980.	2.4	24
27	pH- and temperature-sensitive PCL-grafted poly(Î²-amino ester)-poly(ethylene glycol)-poly(Î²-amino ester) copolymer hydrogels. Macromolecular Research, 2010, 18, 1096-1102.	2.4	14
28	pH/temperature-sensitive 4-arm poly(ethylene glycol)-poly(amino urethane) copolymer hydrogels. Polymer, 2010, 51, 3843-3850.	3.8	36
29	pH-sensitive and bioadhesive poly(Î²-amino ester)â€“poly(ethylene glycol)â€“poly(Î²-amino ester) triblock copolymer hydrogels with potential for drug delivery in oral mucosal surfaces. Polymer, 2009, 50, 5205-5210.	3.8	68