

# Cong Truc Huynh

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,161  
citations

304368

22  
h-index

476904

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1459  
citing authors

#	ARTICLE	IF	CITATIONS
1	Injectable Block Copolymer Hydrogels: Achievements and Future Challenges for Biomedical Applications. <i>Macromolecules</i> , 2011, 44, 6629-6636.	2.2	221
2	Sustained delivery of doxorubicin using biodegradable pH/temperature-sensitive poly(ethylene Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	1.2	75
3	pH-sensitive and bioadhesive poly( $\beta$ -amino ester)â€“poly(ethylene glycol)â€“poly( $\beta$ -amino ester) triblock copolymer hydrogels with potential for drug delivery in oral mucosal surfaces. <i>Polymer</i> , 2009, 50, 5205-5210.	1.8	68
4	Controlled release of human growth hormone from a biodegradable pH/temperature-sensitive hydrogel system. <i>Soft Matter</i> , 2011, 7, 8984.	1.2	60
5	Biodegradable pH/temperature-sensitive oligo( $\beta$ -amino ester urethane) hydrogels for controlled release of doxorubicin. <i>Acta Biomaterialia</i> , 2011, 7, 3123-3130.	4.1	59
6	Sulfamethazine-based pH-sensitive hydrogels with potential application for transcatheter arterial chemoembolization therapy. <i>Acta Biomaterialia</i> , 2016, 41, 253-263.	4.1	55
7	Biodegradable oligo(amidoamine/ $\beta$ -amino ester) hydrogels for controlled insulin delivery. <i>Soft Matter</i> , 2011, 7, 2994.	1.2	45
8	4D biofabrication via instantly generated graded hydrogel scaffolds. <i>Bioactive Materials</i> , 2022, 7, 324-332.	8.6	45
9	Photocleavable Hydrogels for Lightâ€“Triggered siRNA Release. <i>Advanced Healthcare Materials</i> , 2016, 5, 305-310.	3.9	44
10	Dually cationic and anionic pH/temperature-sensitive injectable hydrogels and potential application as a protein carrier. <i>Chemical Communications</i> , 2012, 48, 10951.	2.2	38
11	Thiol-Epoxy â€œClickâ€•Chemistry to Engineer Cytocompatible PEG-Based Hydrogel for siRNA-Mediated Osteogenesis of hMSCs. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 25936-25942.	4.0	38
12	pH/temperature-sensitive 4-arm poly(ethylene glycol)-poly(amino urethane) copolymer hydrogels. <i>Polymer</i> , 2010, 51, 3843-3850.	1.8	36
13	Light-triggered RNA release and induction of hMSC osteogenesis via photodegradable, dual-crosslinked hydrogels. <i>Nanomedicine</i> , 2016, 11, 1535-1550.	1.7	35
14	Synthesis and characterization of an amphiphilic graft polymer and its potential as a pH-sensitive drug carrier. <i>Polymer</i> , 2011, 52, 3304-3310.	1.8	29
15	A novel sulfamethazine-based pH-sensitive copolymer for injectable radiopaque embolic hydrogels with potential application in hepatocellular carcinoma therapy. <i>Polymer Chemistry</i> , 2016, 7, 5805-5818.	1.9	29
16	Biodegradable star-shaped poly(ethylene glycol)-poly( $\beta$ -amino ester) cationic pH/temperature-sensitive copolymer hydrogels. <i>Colloid and Polymer Science</i> , 2011, 289, 301-308.	1.0	27
17	Synthesis and characterization of poly(amino urea urethane)-based block copolymer and its potential application as injectable pH/temperature-sensitive hydrogel for protein carrier. <i>Polymer</i> , 2012, 53, 4069-4075.	1.8	27
18	Covalently tethering siRNA to hydrogels for localized, controlled release and gene silencing. <i>Science Advances</i> , 2019, 5, eaax0801.	4.7	27

#	ARTICLE	IF	CITATIONS
19	Synthesis, Characteristics and Potential Application of Poly( $\beta$ -Amino Ester Urethane)-Based Multiblock Co-Polymers as an Injectable, Biodegradable and pH/Temperature-Sensitive Hydrogel System. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012, 23, 1091-1106.	1.9	26
20	Cytocompatible Catalyst-Free Photodegradable Hydrogels for Light-Mediated RNA Release To Induce hMSC Osteogenesis. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 2011-2023.	2.6	26
21	Biodegradable pH- and temperature-sensitive multiblock copolymer hydrogels based on poly(amino-ester urethane)s. <i>Macromolecular Research</i> , 2010, 18, 974-980.	1.0	24
22	Photocrosslinkable, biodegradable hydrogels with controlled cell adhesivity for prolonged siRNA delivery to hMSCs to enhance their osteogenic differentiation. <i>Journal of Materials Chemistry B</i> , 2017, 5, 485-495.	2.9	22
23	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. <i>RSC Advances</i> , 2016, 6, 47687-47697.	1.7	21
24	Hydrogel microspheres for spatiotemporally controlled delivery of RNA and silencing gene expression within scaffold-free tissue engineered constructs. <i>Acta Biomaterialia</i> , 2021, 124, 315-326.	4.1	21
25	Controlling the properties of poly(amino ester urethane)-poly(ethylene glycol)-poly(amino ester) Tj ETQq1 1 0.784314 rgBT /Overl 290, 1077-1086.	1.0	20
26	Picolylamine based pH/temperature sensitive hydrogels. <i>Macromolecular Research</i> , 2010, 18, 589-595.	1.0	14
27	pH- and temperature-sensitive PCL-grafted poly( $\beta$ -amino ester)-poly(ethylene glycol)-poly( $\beta$ -amino ester) copolymer hydrogels. <i>Macromolecular Research</i> , 2010, 18, 1096-1102.	1.0	14
28	pH-Sensitive Pentablock Copolymer Nanocapsules as Nontoxic and Efficient Gene Carriers. <i>Macromolecular Bioscience</i> , 2011, 11, 789-796.	2.1	10
29	Controlled Release. , 2014, , 1-12.		3