Cong-Fei Xu

List of Publications by Year
in descending order

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38 papers	3,573 citations	201385 27 h-index	315357 38 g-index
39 all docs	39 docs citations	39 times ranked	5525 citing authors

#	Article	IF	Citations
1	Delivery of mRNA for regulating functions of immune cells. Journal of Controlled Release, 2022, 345, 494-511.	4.8	28
2	Rational designs of in vivo CRISPR-Cas delivery systems. Advanced Drug Delivery Reviews, 2021, 168, 3-29.	6.6	125
3	Immunomodulating nano-adaptors potentiate antibody-based cancer immunotherapy. Nature Communications, 2021, 12, 1359.	5.8	64
4	Biomaterialsâ€Based Delivery of Therapeutic Antibodies for Cancer Therapy. Advanced Healthcare Materials, 2021, 10, e2002139.	3.9	21
5	Co-delivery of Phagocytosis Checkpoint Silencer and Stimulator of Interferon Genes Agonist for Synergetic Cancer Immunotherapy. ACS Applied Materials & Interfaces, 2021, 13, 29424-29438.	4.0	19
6	Dual-functional super bispecific nano-antibodies derived from monoclonal antibodies potentiate the antitumor effect of innate immune cells. Nano Today, 2021, 39, 101209.	6.2	8
7	An All-in-One Nanomedicine Consisting of CRISPR-Cas9 and an Autoantigen Peptide for Restoring Specific Immune Tolerance. ACS Applied Materials & Interfaces, 2020, 12, 48259-48271.	4.0	24
8	Dually regulating the proliferation and the immune microenvironment of melanomaviananoparticle-delivered siRNA targeting onco-immunologic CD155. Biomaterials Science, 2020, 8, 6683-6694.	2.6	12
9	A General Strategy for Macrotheranostic Prodrug Activation: Synergy between the Acidic Tumor Microenvironment and Bioorthogonal Chemistry. Angewandte Chemie - International Edition, 2020, 59, 7168-7172.	7.2	89
10	Enhanced Primary Tumor Penetration Facilitates Nanoparticle Draining into Lymph Nodes after Systemic Injection for Tumor Metastasis Inhibition. ACS Nano, 2019, 13, 8648-8658.	7.3	55
11	In situ repurposing of dendritic cells with CRISPR/Cas9-based nanomedicine to induce transplant tolerance. Biomaterials, 2019, 217, 119302.	5.7	60
12	Nanoparticle-delivered siRNA targeting Bruton's tyrosine kinase for rheumatoid arthritis therapy. Biomaterials Science, 2019, 7, 4698-4707.	2.6	30
13	Polyphosphoester-Based Nanocarrier for Combined Radio-Photothermal Therapy of Breast Cancer. ACS Biomaterials Science and Engineering, 2019, 5, 1868-1877.	2.6	9
14	Facile Hydrophobization of siRNA with Anticancer Drug for Non-Cationic Nanocarrier-Mediated Systemic Delivery. Nano Letters, 2019, 19, 2688-2693.	4.5	51
15	Development of â€œCLANâ€•Nanomedicine for Nucleic Acid Therapeutics. Small, 2019, 15, e1900055.	5.2	37
16	Optimization of lipid-assisted nanoparticle for disturbing neutrophils-related inflammation. Biomaterials, 2018, 172, 92-104.	5.7	50
17	Macrophage-Specific in Vivo Gene Editing Using Cationic Lipid-Assisted Polymeric Nanoparticles. ACS Nano, 2018, 12, 994-1005.	7.3	163
18	Systemic delivery of CRISPR/Cas9 with PEG-PLGA nanoparticles for chronic myeloid leukemia targeted therapy. Biomaterials Science, 2018, 6, 1592-1603.	2.6	72

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19	Targeting of NLRP3 inflammasome with gene editing for the amelioration of inflammatory diseases. Nature Communications, 2018, 9, 4092.	5.8	142
20	Optimized nanoparticle-mediated delivery of CRISPR-Cas9 system for B cell intervention. Nano Research, 2018, 11, 6270-6282.	5.8	29
21	The effect of surface poly(ethylene glycol) length on in vivo drug delivery behaviors of polymeric nanoparticles. Biomaterials, 2018, 182, 104-113.	5.7	70
22	Responsive Nanocarriers as an Emerging Platform for Cascaded Delivery of Nucleic Acids to Cancer. Advanced Drug Delivery Reviews, 2017, 115, 98-114.	6.6	107
23	CLICs-dependent chloride efflux is an essential and proximal upstream event for NLRP3 inflammasome activation. Nature Communications, 2017, 8, 202.	5.8	246
24	CD205-TLR9-IL-12 axis contributes to CpG-induced oversensitive liver injury in HBsAg transgenic mice by promoting the interaction of NKT cells with Kupffer cells. Cellular and Molecular Immunology, 2017, 14, 675-684.	4.8	32
25	Facile Generation of Tumorâ€pHâ€Labile Linkageâ€Bridged Block Copolymers for Chemotherapeutic Delivery. Angewandte Chemie, 2016, 128, 1022-1026.	1.6	35
26	Chromatin-remodelling factor Brg1 regulates myocardial proliferation and regeneration in zebrafish. Nature Communications, 2016, 7, 13787.	5.8	67
27	Nanoparticle-facilitated autophagy inhibition promotes the efficacy of chemotherapeutics against breast cancer stem cells. Biomaterials, 2016, 103, 44-55.	5.7	90
28	Facile Generation of Tumorâ€pHâ€Labile Linkageâ€Bridged Block Copolymers for Chemotherapeutic Delivery. Angewandte Chemie - International Edition, 2016, 55, 1010-1014.	7.2	133
29	Stimuli-responsive clustered nanoparticles for improved tumor penetration and therapeutic efficacy. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4164-4169.	3.3	617
30	Tumor acidity-sensitive linkage-bridged block copolymer for therapeutic siRNA delivery. Biomaterials, 2016, 88, 48-59.	5.7	98
31	Restoring anti-tumor functions of T cells via nanoparticle-mediated immune checkpoint modulation. Journal of Controlled Release, 2016, 231, 17-28.	4.8	171
32	Tumor Acidity-Sensitive Polymeric Vector for Active Targeted siRNA Delivery. Journal of the American Chemical Society, 2015, 137, 15217-15224.	6.6	312
33	Targeting glucose uptake of glioma cells by siRNA delivery with polymer nanoparticle. Journal of Controlled Release, 2015, 213, e23-e24.	4.8	7
34	Targeting glucose uptake with siRNA-based nanomedicine for cancer therapy. Biomaterials, 2015, 51, 1-11.	5.7	54
35	Invariant NKT cells promote alcohol-induced steatohepatitis through interleukin-1Î² in mice. Journal of Hepatology, 2015, 62, 1311-1318.	1.8	116
36	Delivery systems for siRNA drug development in cancer therapy. Asian Journal of Pharmaceutical Sciences, 2015, 10, 1-12.	4.3	170

#	Article	IF	Citations
37	Co-delivery of all-trans-retinoic acid and doxorubicin for cancer therapy with synergistic inhibition of cancer stem cells. Biomaterials, 2015, 37, 405-414.	5.7	146
38	An Intracellular pH-Actuated Polymer for Robust Cytosolic Protein Delivery. CCS Chemistry, 0, , 431-442.	4.6	10