

Kejin Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

3,380
citations

279798

23
h-index

477307

29
g-index

29
all docs

29
docs citations

29
times ranked

5532
citing authors

#	ARTICLE	IF	CITATIONS
1	A nanoparticle-based strategy for the imaging of a broad range of tumours by nonlinear amplification of microenvironment signals. <i>Nature Materials</i> , 2014, 13, 204-212.	27.5	695
2	Tunable, Ultrasensitive pH-Responsive Nanoparticles Targeting Specific Endocytic Organelles in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6109-6114.	13.8	488
3	Non-Viral CRISPR/Cas Gene Editing In Vitro and In Vivo Enabled by Synthetic Nanoparticle Co-Delivery of Cas9 mRNA and sgRNA. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1059-1063.	13.8	411
4	Multicolored pH-Tunable and Activatable Fluorescence Nanoplatform Responsive to Physiologic pH Stimuli. <i>Journal of the American Chemical Society</i> , 2012, 134, 7803-7811.	13.7	312
5	Dendrimer-Based Lipid Nanoparticles Deliver Therapeutic FAH mRNA to Normalize Liver Function and Extend Survival in a Mouse Model of Hepatorenal Tyrosinemia Type I. <i>Advanced Materials</i> , 2018, 30, e1805308.	21.0	136
6	Modular degradable dendrimers enable small RNAs to extend survival in an aggressive liver cancer model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 520-525.	7.1	125
7	The Polyploid State Plays a Tumor-Suppressive Role in the Liver. <i>Developmental Cell</i> , 2018, 44, 447-459.e5.	7.0	125
8	The Coil-to-Globule-to-Coil Transition of Linear Polymer Chains in Dilute Aqueous Solutions: Effect of Intrachain Hydrogen Bonding. <i>Macromolecules</i> , 2008, 41, 8927-8931.	4.8	92
9	Rapid Synthesis of a Lipocationic Polyester Library via Ring-Opening Polymerization of Functional Valerolactones for Efficacious siRNA Delivery. <i>Journal of the American Chemical Society</i> , 2015, 137, 9206-9209.	13.7	88
10	Knockdown of Anillin Actin Binding Protein Blocks Cytokinesis in Hepatocytes and Reduces Liver Tumor Development in Mice Without Affecting Regeneration. <i>Gastroenterology</i> , 2018, 154, 1421-1434.	1.3	88
11	Tumor-Activated Water-Soluble Photosensitizers for Near-Infrared Photodynamic Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 16335-16343.	8.0	85
12	Origin of hysteresis observed in association and dissociation of polymer chains in water. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 3188.	2.8	81
13	Adjuvant effect of the novel TLR1/TLR2 agonist Diprovocim synergizes with anti-PD-L1 to eliminate melanoma in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8698-E8706.	7.1	77
14	Functional polyesters enable selective siRNA delivery to lung cancer over matched normal cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5702-E5710.	7.1	67
15	High-Contrast Fluorescence Detection of Metastatic Breast Cancer Including Bone and Liver Micrometastases via Size-Controlled pH-Activatable Water-Soluble Probes. <i>Advanced Materials</i> , 2017, 29, 1700131.	21.0	65
16	Aerosol delivery of stabilized polyester-siRNA nanoparticles to silence gene expression in orthotopic lung tumors. <i>Biomaterials</i> , 2017, 118, 84-93.	11.4	60
17	Activatable Water-Soluble Probes Enhance Tumor Imaging by Responding to Dysregulated pH and Exhibiting High Tumor-to-Liver Fluorescence Emission Contrast. <i>Bioconjugate Chemistry</i> , 2016, 27, 1737-1744.	3.6	53
18	Precise let-7 expression levels balance organ regeneration against tumor suppression. <i>ELife</i> , 2015, 4, e09431.	6.0	53

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19	Non-viral CRISPR/Cas Gene Editing In Vitro and In Vivo Enabled by Synthetic Nanoparticle Co-delivery of Cas9 mRNA and sgRNA. <i>Angewandte Chemie</i> , 2017, 129, 1079-1083.	2.0	41
20	Chaotropic Anion-Induced Supramolecular Self-Assembly of Ionic Polymeric Micelles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8074-8078.	13.8	40
21	Development of Cationic Quaternary Ammonium Sulfonamide Amino Lipids for Nucleic Acid Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 2302-2311.	8.0	32
22	A novel class of polymeric pH-responsive MRI CEST agents. <i>Chemical Communications</i> , 2013, 49, 6418.	4.1	29
23	A Comparative Study of Urea-Induced Aggregation of Collapsed Poly(<i>N</i> -isopropylacrylamide) and Poly(<i>N</i> , <i>N</i> -diethylacrylamide) Chains in Aqueous Solutions. <i>Journal of Physical Chemistry B</i> , 2013, 117, 7481-7488.	2.6	19
24	In vivo CRISPR screening identifies BAZ2 chromatin remodelers as druggable regulators of mammalian liver regeneration. <i>Cell Stem Cell</i> , 2022, 29, 372-385.e8.	11.1	18
25	Hydrophobic Domain Structure of Linear-Dendritic Poly(ethylene glycol) Lipids Affects RNA Delivery of Lipid Nanoparticles. <i>Molecular Pharmaceutics</i> , 2020, 17, 1575-1585.	4.6	17
26	One-pot synthesis of functional poly(amino ester sulfide)s and utility in delivering pDNA and siRNA. <i>Polymer</i> , 2015, 72, 271-280.	3.8	14
27	Intercalation-mediated nucleic acid nanoparticles for siRNA delivery. <i>Chemical Communications</i> , 2016, 52, 12155-12158.	4.1	11