Xucai Chen

List of Publications by Year
in descending order

13 papers	423 citations	1163117 8 h-index	1125743 13 g-index
14 all docs	14 docs citations	14 times ranked	628 citing authors

#	Article	IF	Citations
1	Lipid nitroalkene nanoparticles for the focal treatment of ischemia reperfusion. Nanotheranostics, 2022, 6, 215-229.	5.2	7
2	Complex Highways on the Translational Roadmap for Therapeutic Ultrasound-Targeted Microbubble Cavitation. JACC: Cardiovascular Imaging, 2020, 13, 652-654.	5.3	1
3	Sonoreperfusion therapy for microvascular obstruction: A step toward clinical translation. Ultrasound in Medicine and Biology, 2020, 46, 712-720.	1.5	8
4	STAT3 decoy oligonucleotide-carrying microbubbles with pulsed ultrasound for enhanced therapeutic effect in head and neck tumors. PLoS ONE, 2020, 15, e0242264.	2.5	11
5	Ultrasound and Microbubble-targeted Delivery of a microRNA Inhibitor to the Heart Suppresses Cardiac Hypertrophy and Preserves Cardiac Function. Theranostics, 2019, 9, 7088-7098.	10.0	41
6	Ultrasound Molecular Imaging of Angiogenesis Using Vascular Endothelial Growth Factor-Conjugated Microbubbles. Molecular Pharmaceutics, 2017, 14, 781-790.	4.6	24
7	Mechanistic Insight into Sonoporation with Ultrasound-Stimulated Polymer Microbubbles. Ultrasound in Medicine and Biology, 2017, 43, 2678-2689.	1.5	34
8	Biophysical insight into mechanisms of sonoporation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9983-9988.	7.1	194
9	Cardiac Gene Expression Knockdown Using Small Inhibitory RNA-Loaded Microbubbles and Ultrasound. PLoS ONE, 2016, 11, e0159751.	2.5	23
10	Ultrasound Targeted Microbubble Destruction-Mediated Delivery of a Transcription Factor Decoy Inhibits STAT3 Signaling and Tumor Growth. Theranostics, 2015, 5, 1378-1387.	10.0	51
11	Ultrasound Detection of Myocardial Ischemic Memory Using an E-Selectin Targeting Peptide Amenable to Human Application. Molecular Imaging, 2014, 13, 7290.2014.00006.	1.4	18
12	Ultrasound Detection of Myocardial Ischemic Memory Using an E-Selectin Targeting Peptide Amenable to Human Application. Molecular Imaging, 2014, 16, 1-9.	1.4	3
13	Ultrasound detection of myocardial ischemic memory using an E-selectin targeting peptide amenable to human application. Molecular Imaging, 2014, 13, 1-9.	1.4	8