Xiaoyu Wang

List of Publications by Year
in descending order

12	266	1040056 9	1199594 12
papers	citations	h-index	g-index

12	12	12	175
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Superlow Dosage of Intrinsically Bioactive Zinc Metalâ€“Organic Frameworks to Modulate Endothelial Cell Morphogenesis and Significantly Rescue Ischemic Disease. ACS Nano, 2022, 16, 1395-1408.	14.6	12
2	Versatile polymer-based strategies for antibacterial drug delivery systems and antibacterial coatings. Journal of Materials Chemistry B, 2022, 10, 1005-1018.	5.8	33
3	Recent advances in inhibiting atherosclerosis and restenosis: from pathogenic factors, therapeutic molecules to nano-delivery strategies. Journal of Materials Chemistry B, 2022, 10, 1685-1708.	5.8	9
4	Enzyme-responsive strategy as a prospective cue to construct intelligent biomaterials for disease diagnosis and therapy. Biomaterials Science, 2022, 10, 1883-1903.	5.4	24
5	Release of VEGF and BMP9 from injectable alginate based composite hydrogel for treatment of myocardial infarction. Bioactive Materials, 2021, 6, 520-528.	15.6	53
6	Review on the Relationship Between Liquid Aerospace Fuel Composition and Their Physicochemical Properties. Transactions of Tianjin University, 2021, 27, 87-109.	6.4	57
7	A â€œcontrolled CO releaseâ€•and â€œpro-angiogenic geneâ€•dually engineered stimulus-responsive nanoplatform for collaborative ischemia therapy. Chemical Engineering Journal, 2021, 424, 130430.	12.7	19
8	A two-pronged approach to regulate the behaviors of ECs and SMCs by the dual targeting-nanoparticles. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112068.	5.0	8
9	Cascaded bio-responsive delivery of eNOS gene and ZNF₅₈₀ gene to collaboratively treat hindlimb ischemia via pro-angiogenesis and anti-inflammation. Biomaterials Science, 2020, 8, 6545-6560.	5.4	18
10	Unexpected Amplification of Synergistic Gene Expression to Boom Vascular Flow in Advantageous Dual-Gene Co-expression Plasmid Delivery Systems over Physically Mixed Strategy. ACS Applied Bio Materials, 2020, 3, 7228-7235.	4.6	4
11	From single to a dual-gene delivery nanosystem: coordinated expression matters for boosting the neovascularization in vivo. Biomaterials Science, 2020, 8, 2318-2328.	5.4	16
12	A â€œself-accelerating endosomal escapeâ€•siRNA delivery nanosystem for significantly suppressing hyperplasia via blocking the ERK2 pathway. Biomaterials Science, 2019, 7, 3307-3319.	5.4	13