

# Xiaoyu Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1765729/publications.pdf>

Version: 2024-02-01

12  
papers

266  
citations

1040056

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h-index

1199594

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12  
all docs

12  
docs citations

12  
times ranked

175  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on the Relationship Between Liquid Aerospace Fuel Composition and Their Physicochemical Properties. Transactions of Tianjin University, 2021, 27, 87-109.	6.4	57
2	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
3	Versatile polymer-based strategies for antibacterial drug delivery systems and antibacterial coatings. Journal of Materials Chemistry B, 2022, 10, 1005-1018.	5.8	33
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	A "controlled CO release" and "pro-angiogenic gene" dually engineered stimulus-responsive nanoplatform for collaborative ischemia therapy. Chemical Engineering Journal, 2021, 424, 130430.	12.7	19
6	Cascaded bio-responsive delivery of eNOS gene and ZNF<sub>580</sub> gene to collaboratively treat hindlimb ischemia <i>via</i> pro-angiogenesis and anti-inflammation. Biomaterials Science, 2020, 8, 6545-6560.	5.4	18
7	From single to a dual-gene delivery nanosystem: coordinated expression matters for boosting the neovascularization <i>in vivo</i>. Biomaterials Science, 2020, 8, 2318-2328.	5.4	16
8	A "self-accelerating endosomal escape" siRNA delivery nanosystem for significantly suppressing hyperplasia via blocking the ERK2 pathway. Biomaterials Science, 2019, 7, 3307-3319.	5.4	13
9	Superlow Dosage of Intrinsically Bioactive Zinc Metal-Organic Frameworks to Modulate Endothelial Cell Morphogenesis and Significantly Rescue Ischemic Disease. ACS Nano, 2022, 16, 1395-1408.	14.6	12
10	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
11	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
12	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