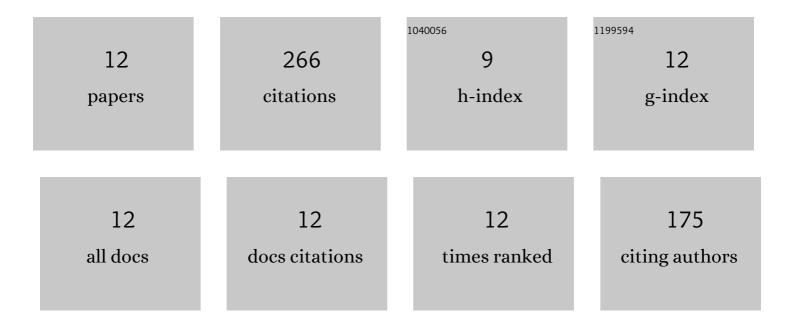
## Xiaoyu Wang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1765729/publications.pdf Version: 2024-02-01



#	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