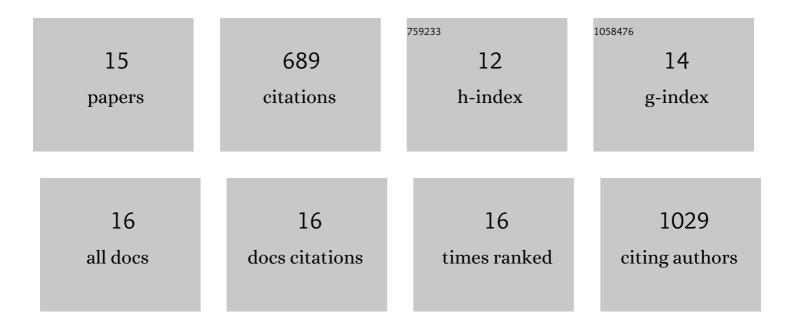
Fang Yu

List of Publications by Year in descending order

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EANIC VI

#	Article	IF	CITATIONS
1	A porous tissue engineering scaffold selectively degraded by cell-generated reactive oxygen species. Biomaterials, 2014, 35, 3766-3776.	11.4	124
2	Tunable Delivery of siRNA from a Biodegradable Scaffold to Promote Angiogenesis In Vivo. Advanced Materials, 2014, 26, 607-614.	21.0	106
3	Zwitterionic Nanocarrier Surface Chemistry Improves siRNA Tumor Delivery and Silencing Activity Relative to Polyethylene Glycol. ACS Nano, 2017, 11, 5680-5696.	14.6	96
4	Local Delivery of PHD2 siRNA from ROSâ€Đegradable Scaffolds to Promote Diabetic Wound Healing. Advanced Healthcare Materials, 2016, 5, 2751-2757.	7.6	71
5	Amelioration of post-traumatic osteoarthritis via nanoparticle depots delivering small interfering RNA to damaged cartilage. Nature Biomedical Engineering, 2021, 5, 1069-1083.	22.5	52
6	Minimal dosing of leukocyte targeting TRAIL decreases triple-negative breast cancer metastasis following tumor resection. Science Advances, 2019, 5, eaaw4197.	10.3	50
7	Enhanced stem cell retention and antioxidative protection with injectable, ROS-degradable PEG hydrogels. Biomaterials, 2020, 263, 120377.	11.4	45
8	Reactive oxygen species–degradable polythioketal urethane foam dressings to promote porcine skin wound repair. Science Translational Medicine, 2022, 14, eabm6586.	12.4	37
9	Dual carrier-cargo hydrophobization and charge ratio optimization improve the systemic circulation and safety of zwitterionic nano-polyplexes. Biomaterials, 2019, 192, 245-259.	11.4	27
10	Top-Down Fabricated microPlates for Prolonged, Intra-articular Matrix Metalloproteinase 13 siRNA Nanocarrier Delivery to Reduce Post-traumatic Osteoarthritis. ACS Nano, 2021, 15, 14475-14491.	14.6	21
11	Optimizing an Antioxidant TEMPO Copolymer for Reactive Oxygen Species Scavenging and Anti-Inflammatory Effects <i>in Vivo</i> . Bioconjugate Chemistry, 2021, 32, 928-941.	3.6	20
12	Shape-Defined microPlates for the Sustained Intra-articular Release of Dexamethasone in the Management of Overload-Induced Osteoarthritis. ACS Applied Materials & Interfaces, 2021, 13, 31379-31392.	8.0	19
13	Kupffer cell release of platelet activating factor drives dose limiting toxicities of nucleic acid nanocarriers. Biomaterials, 2021, 268, 120528.	11.4	12
14	Effect of pore size and spacing on neovascularization of a biodegradble shape memory polymer perivascular wrap. Journal of Biomedical Materials Research - Part A, 2021, 109, 272-288.	4.0	7
15	489. Localized, siRNA-Mediated Silencing of PHD2 to Promote Wound Vascularization. Molecular Therapy, 2015, 23, S194-S195.	8.2	0