

Fang Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6712850/publications.pdf>

Version: 2024-02-01

15
papers

689
citations

759233

12
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

1029
citing authors

#	ARTICLE	IF	CITATIONS
1	A porous tissue engineering scaffold selectively degraded by cell-generated reactive oxygen species. <i>Biomaterials</i> , 2014, 35, 3766-3776.	11.4	124
2	Tunable Delivery of siRNA from a Biodegradable Scaffold to Promote Angiogenesis In Vivo. <i>Advanced Materials</i> , 2014, 26, 607-614.	21.0	106
3	Zwitterionic Nanocarrier Surface Chemistry Improves siRNA Tumor Delivery and Silencing Activity Relative to Polyethylene Glycol. <i>ACS Nano</i> , 2017, 11, 5680-5696.	14.6	96
4	Local Delivery of PHD2 siRNA from ROS-Degradable Scaffolds to Promote Diabetic Wound Healing. <i>Advanced Healthcare Materials</i> , 2016, 5, 2751-2757.	7.6	71
5	Amelioration of post-traumatic osteoarthritis via nanoparticle depots delivering small interfering RNA to damaged cartilage. <i>Nature Biomedical Engineering</i> , 2021, 5, 1069-1083.	22.5	52
6	Minimal dosing of leukocyte targeting TRAIL decreases triple-negative breast cancer metastasis following tumor resection. <i>Science Advances</i> , 2019, 5, eaaw4197.	10.3	50
7	Enhanced stem cell retention and antioxidative protection with injectable, ROS-degradable PEG hydrogels. <i>Biomaterials</i> , 2020, 263, 120377.	11.4	45
8	Reactive oxygen species-degradable polythioether urethane foam dressings to promote porcine skin wound repair. <i>Science Translational Medicine</i> , 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. <i>Biomaterials</i> , 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. <i>ACS Nano</i> , 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> . <i>Bioconjugate Chemistry</i> , 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. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 31379-31392.	8.0	19
13	Kupffer cell release of platelet activating factor drives dose limiting toxicities of nucleic acid nanocarriers. <i>Biomaterials</i> , 2021, 268, 120528.	11.4	12
14	Effect of pore size and spacing on neovascularization of a biodegradable shape memory polymer perivascular wrap. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 272-288.	4.0	7
15	489. Localized, siRNA-Mediated Silencing of PHD2 to Promote Wound Vascularization. <i>Molecular Therapy</i> , 2015, 23, S194-S195.	8.2	0