

Richard P Tan

List of Publications by Year in descending order

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14
papers

342
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

505
citing authors

#	ARTICLE	IF	CITATIONS
1	Induced pluripotent stem cell-derived endothelial cells promote angiogenesis and accelerate wound closure in a murine excisional wound healing model. <i>Bioscience Reports</i> , 2018, 38, .	2.4	57
2	Integration of induced pluripotent stem cell-derived endothelial cells with polycaprolactone/gelatin-based electrospun scaffolds for enhanced therapeutic angiogenesis. <i>Stem Cell Research and Therapy</i> , 2018, 9, 70.	5.5	47
3	Altered processing enhances the efficacy of small-diameter silk fibroin vascular grafts. <i>Scientific Reports</i> , 2019, 9, 17461.	3.3	38
4	Bioengineering artificial blood vessels from natural materials. <i>Trends in Biotechnology</i> , 2022, 40, 693-707.	9.3	36
5	A multifaceted biomimetic interface to improve the longevity of orthopedic implants. <i>Acta Biomaterialia</i> , 2020, 110, 266-279.	8.3	34
6	Bioactive Materials Facilitating Targeted Local Modulation of Inflammation. <i>JACC Basic To Translational Science</i> , 2019, 4, 56-71.	4.1	33
7	Macrophage Polarization as a Novel Therapeutic Target for Endovascular Intervention in Peripheral Artery Disease. <i>JACC Basic To Translational Science</i> , 2021, 6, 693-704.	4.1	19
8	Plasma polymerized nanoparticles effectively deliver dual siRNA and drug therapy in vivo. <i>Scientific Reports</i> , 2020, 10, 12836.	3.3	18
9	Non-invasive tracking of injected bone marrow mononuclear cells to injury and implanted biomaterials. <i>Acta Biomaterialia</i> , 2017, 53, 378-388.	8.3	17
10	Immobilized Macrophage Colony-Stimulating Factor (M-CSF) Regulates the Foreign Body Response to Implanted Materials. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 995-1007.	5.2	11
11	Silk Fibroin Scaffold Architecture Regulates Inflammatory Responses and Engraftment of Bone Marrow Mononuclear Cells. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100615.	7.6	10
12	Bioactivation of Encapsulation Membranes Reduces Fibrosis and Enhances Cell Survival. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56908-56923.	8.0	9
13	Bioengineering silk into blood vessels. <i>Biochemical Society Transactions</i> , 2021, 49, 2271-2286.	3.4	7
14	Comprehensive Evaluation of the Toxicity and Biosafety of Plasma Polymerized Nanoparticles. <i>Nanomaterials</i> , 2021, 11, 1176.	4.1	6