

Wen Zeng

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

581
citations

687363

13
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

878
citing authors

#	ARTICLE	IF	CITATIONS
1	A VEGF delivery system targeting MI improves angiogenesis and cardiac function based on the tropism of MSCs and layer-by-layer self-assembly. <i>Biomaterials</i> , 2017, 127, 117-131.	11.4	62
2	Physalin D regulates macrophage M1/M2 polarization via the STAT1/6 pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 8788-8796.	4.1	62
3	Review on the Vascularization of Organoids and Organoids-on-a-Chip. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 637048.	4.1	58
4	The use of BDNF to enhance the patency rate of small-diameter tissue-engineered blood vessels through stem cell homing mechanisms. <i>Biomaterials</i> , 2012, 33, 473-484.	11.4	57
5	The promotion of endothelial progenitor cells recruitment by nerve growth factors in tissue-engineered blood vessels. <i>Biomaterials</i> , 2010, 31, 1636-1645.	11.4	45
6	Activation of Wnt/ β -catenin pathway mitigates blood-brain barrier dysfunction in Alzheimer's disease. <i>Brain</i> , 2022, 145, 4474-4488.	7.6	41
7	Erythropoietin-activated mesenchymal stem cells promote healing ulcers by improving microenvironment. <i>Journal of Surgical Research</i> , 2016, 205, 464-473.	1.6	30
8	Construction of an Aptamer-SiRNA Chimera-Modified Tissue-Engineered Blood Vessel for Cell-Type-Specific Capture and Delivery. <i>ACS Nano</i> , 2015, 9, 6069-6076.	14.6	29
9	Construction of Antithrombotic Tissue-Engineered Blood Vessel via Reduced Graphene Oxide Based Dual-Enzyme Biomimetic Cascade. <i>ACS Nano</i> , 2017, 11, 10964-10973.	14.6	28
10	Netrin-1 Promotes Inflammation Resolution to Achieve Endothelialization of Small-Diameter Tissue Engineering Blood Vessels by Improving Endothelial Progenitor Cells Function In Situ. <i>Advanced Science</i> , 2017, 4, 1700278.	11.2	26
11	Selection of different endothelialization modes and different seed cells for tissue-engineered vascular graft. <i>Bioactive Materials</i> , 2021, 6, 2557-2568.	15.6	25
12	Antishear Stress Bionic Carbon Nanotube Mesh Coating with Intracellular Controlled Drug Delivery Constructing Small-Diameter Tissue-Engineered Vascular Grafts. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800026.	7.6	24
13	Surface-Engineered Monocyte Inhibits Atherosclerotic Plaque Destabilization via Graphene Quantum Dot-Mediated MicroRNA Delivery. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900386.	7.6	18
14	Adenosine accelerates the healing of diabetic ischemic ulcers by improving autophagy of endothelial progenitor cells grown on a biomaterial. <i>Scientific Reports</i> , 2015, 5, 11594.	3.3	15
15	The Construction of Tissue-Engineered Blood Vessels Crosslinked with Adenosine-Loaded Chitosan/ β -Cyclodextrin Nanoparticles using a Layer-by-Layer Assembly Method. <i>Advanced Healthcare Materials</i> , 2014, 3, 1776-1781.	7.6	13
16	Maintaining Moderate Platelet Aggregation and Improving Metabolism of Endothelial Progenitor Cells Increase the Patency Rate of Tissue-Engineered Blood Vessels. <i>Tissue Engineering - Part A</i> , 2015, 21, 2001-2012.	3.1	10
17	A20 overexpression inhibits low shear flow-induced CD14-positive monocyte recruitment to endothelial cells. <i>Biorheology</i> , 2009, 46, 21-30.	0.4	7
18	Regulation of Cellular Response Pattern to Phosphorus Ion is a New Target for the Design of Tissue-Engineered Blood Vessel. <i>Advanced Healthcare Materials</i> , 2015, 4, 1004-1008.	7.6	7

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19	Tissue Engineering of Blood Vessels. , 2019, , 413-413.		6
20	Novel A&em&t;20-gene-eluting stent inhibits carotid artery restenosis in a porcine model. Drug Design, Development and Therapy, 2016, Volume 10, 2341-2351.	4.3	5
21	The promotion of tissue engineering blood vessel patency by CCS21680 through regulating pro&inflammatory activities of endothelial progenitor cell. Journal of Biomedical Materials Research - Part A, 2018, 106, 2634-2642.	4.0	5
22	Programmable dual responsive system reconstructing nerve interaction with small-diameter tissue-engineered vascular grafts and inhibiting intimal hyperplasia in diabetes. Bioactive Materials, 2022, 7, 466-477.	15.6	5