

Paul A Wieringa

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

750
citations

687363

13
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

1234
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioprinting: From Tissue and Organ Development to <i>in Vitro</i> Models. <i>Chemical Reviews</i> , 2020, 120, 10547-10607.	47.7	185
2	Biomimetic Architectures for Peripheral Nerve Repair: A Review of Biofabrication Strategies. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701164.	7.6	94
3	Peptide functionalized polyhydroxyalkanoate nanofibrous scaffolds enhance Schwann cells activity. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1559-1569.	3.3	59
4	Fabrication of hybrid scaffolds obtained from combinations of PCL with gelatin or collagen via electrospinning for skeletal muscle tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 1600-1612.	4.0	48
5	PEOT/PBT Guides Enhance Nerve Regeneration in Long Gap Defects. <i>Advanced Healthcare Materials</i> , 2017, 6, 1600298.	7.6	45
6	Influence of Solution Properties and Process Parameters on the Formation and Morphology of YSZ and NiO Ceramic Nanofibers by Electrospinning. <i>Nanomaterials</i> , 2017, 7, 16.	4.1	41
7	Multivalency Enables Dynamic Supramolecular Host-Guest Hydrogel Formation. <i>Biomacromolecules</i> , 2020, 21, 2208-2217.	5.4	34
8	Micro-fabricated scaffolds lead to efficient remission of diabetes in mice. <i>Biomaterials</i> , 2017, 135, 10-22.	11.4	33
9	Glycosaminoglycan functionalization of electrospun scaffolds enhances Schwann cell activity. <i>Acta Biomaterialia</i> , 2019, 96, 188-202.	8.3	31
10	A quantitative method to analyse F-actin distribution in cells. <i>MethodsX</i> , 2019, 6, 2562-2569.	1.6	31
11	Patterning Vasculature: The Role of Biofabrication to Achieve an Integrated Multicellular Ecosystem. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1694-1709.	5.2	25
12	A three-dimensional biomimetic peripheral nerve model for drug testing and disease modelling. <i>Biomaterials</i> , 2020, 257, 120230.	11.4	24
13	Schwann cells promote endothelial cell migration. <i>Cell Adhesion and Migration</i> , 2015, 9, 441-451.	2.7	21
14	Universal Strategy for Designing Shape Memory Hydrogels. , 2022, 4, 701-706.		13
15	(Macro)Molecular Imprinting of Proteins on PCL Electrospun Scaffolds. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 29293-29302.	8.0	12
16	3D culture platform of human iPSCs-derived nociceptors for peripheral nerve modeling and tissue innervation. <i>Biofabrication</i> , 2022, 14, 014105.	7.1	12
17	Fiber diameter, porosity and functional group gradients in electrospun scaffolds. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 045020.	3.3	8
18	Decellularization of porcine heart tissue to obtain extracellular matrix based hydrogels. <i>Methods in Cell Biology</i> , 2020, 157, 3-21.	1.1	7

#	ARTICLE	IF	CITATIONS
19	Nerve Repair: Biomimetic Architectures for Peripheral Nerve Repair: A Review of Biofabrication Strategies (Adv. Healthcare Mater. 8/2018). Advanced Healthcare Materials, 2018, 7, 1870035.	7.6	6
20	Tandem electrospinning for heterogeneous nanofiber patterns. Biofabrication, 2020, 12, 025010.	7.1	6
21	Peripheral neurovascular link: an overview of interactions and in vitro models. Trends in Endocrinology and Metabolism, 2021, 32, 623-638.	7.1	6
22	Development of an In Vitro Biomimetic Peripheral Neurovascular Platform. ACS Applied Materials & Interfaces, 2022, 14, 31567-31585.	8.0	4
23	A One-Step Biofunctionalization Strategy of Electrospun Scaffolds Enables Spatially Selective Presentation of Biological Cues. Advanced Materials Technologies, 2020, 5, 2000269.	5.8	3
24	An innervated skin 3D in vitro model for dermatological research. In Vitro Models, 0, , .	2.0	2