

Swee-Hin Teoh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5193636/publications.pdf>

Version: 2024-02-01

31
papers

705
citations

535685

17
h-index

620720

26
g-index

31
all docs

31
docs citations

31
times ranked

1214
citing authors

#	ARTICLE	IF	CITATIONS
1	A polycaprolactone-tricalcium phosphate composite scaffold as an autograft-free spinal fusion cage in a sheep model. <i>Biomaterials</i> , 2014, 35, 5647-5659.	5.7	64
2	Marine collagen scaffolds in tissue engineering. <i>Current Opinion in Biotechnology</i> , 2022, 74, 92-103.	3.3	63
3	Review: bioreactor design towards generation of relevant engineered tissues: focus on clinical translation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e7-e22.	1.3	45
4	Development and Characterization of Organic Electronic Scaffolds for Bone Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2016, 5, 1505-1512.	3.9	39
5	Three-Dimensional Printed Polycaprolactone Scaffolds for Bone Regeneration Success and Future Perspective. <i>Tissue Engineering - Part A</i> , 2019, 25, 931-935.	1.6	37
6	Bioinspired approaches to toughen calcium phosphate-based ceramics for bone repair.. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 112, 104078.	1.5	37
7	<i>In vitro</i> cyclic compressive loads potentiate early osteogenic events in engineered bone tissue. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 2366-2375.	1.6	35
8	Ultra-low percolation threshold POSS-PCL/graphene electrically conductive polymer: Neural tissue engineering nanocomposites for neurosurgery. <i>Materials Science and Engineering C</i> , 2019, 104, 109915.	3.8	35
9	Neutrophil-mediated enhancement of angiogenesis and osteogenesis in a novel triple cell co-culture model with endothelial cells and osteoblasts. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1221-e1236.	1.3	34
10	Evaluation of decellularized tilapia skin as a tissue engineering scaffold. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 1779-1791.	1.3	32
11	Nanomaterial scaffolds to regenerate musculoskeletal tissue: signals from within for neovessel formation. <i>Drug Discovery Today</i> , 2017, 22, 1385-1391.	3.2	27
12	Dual-Microstructured Porous, Anisotropic Film for Biomimicking of Endothelial Basement Membrane. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13445-13456.	4.0	26
13	<i>In Vivo</i> Immune Responses of Cross-Linked Electrospun Tilapia Collagen Membrane. <i>Tissue Engineering - Part A</i> , 2017, 23, 1110-1119.	1.6	26
14	Direct Laser Microperforation of Bioresponsive Surface-Patterned Films with Through-Hole Arrays for Vascular Tissue-Engineering Application. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 1239-1249.	2.6	20
15	A scalable approach to obtain mesenchymal stem cells with osteogenic potency on apatite microcarriers. <i>Journal of Biomaterials Applications</i> , 2014, 29, 93-103.	1.2	19
16	Effect of Heat-Inactivated Clostridium sporogenes and Its Conditioned Media on 3-Dimensional Colorectal Cancer Cell Models. <i>Scientific Reports</i> , 2015, 5, 15681.	1.6	19
17	Effects of Electromagnetic Field on Proliferation, Differentiation, and Mineralization of MC3T3 Cells. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 114-125.	1.1	19
18	Bio-Conjugated Polycaprolactone Membranes: A Novel Wound Dressing. <i>Archives of Plastic Surgery</i> , 2014, 41, 638-646.	0.4	18

#	ARTICLE	IF	CITATIONS
19	Biomimetic fetal rotation bioreactor for engineering bone tissuesâ€”Effect of cyclic strains on upregulation of osteogenic gene expression. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e2039-e2050.	1.3	16
20	Synergistic Effect of PVDF-Coated PCL-TCP Scaffolds and Pulsed Electromagnetic Field on Osteogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6438.	1.8	16
21	A polycaprolactone- β -tricalcium phosphateâ€”heparan sulphate device for cranioplasty. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019, 47, 341-348.	0.7	14
22	Cryomilling for the fabrication of doxorubicin-containing silica-nanoparticle/polycaprolactone nanocomposite films. <i>Nanoscale</i> , 2016, 8, 2568-2574.	2.8	12
23	Biologization of Pcl-Mesh Using Platelet Rich Fibrin (Prf) Enhances Its Regenerative Potential In Vitro. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2159.	1.8	11
24	Comparative Craniofacial Bone Regeneration Capacities of Mesenchymal Stem Cells Derived from Human Neural Crest Stem Cells and Bone Marrow. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 207-221.	2.6	10
25	In Vivo Efficacy of Neutrophil-Mediated Bone Regeneration Using a Rabbit Calvarial Defect Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13016.	1.8	10
26	Self-Assembled Nanofibrous Marine Collagen Matrix Accelerates Healing of Full-Thickness Wounds. <i>ACS Applied Bio Materials</i> , 2021, 4, 7044-7058.	2.3	7
27	A Selective and Purification-Free Strategy for Labeling Adherent Cells with Inorganic Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 6336-6343.	4.0	5
28	Endothelial colony forming cells from human umbilical cord blood improved severe erectile dysfunction in obese type II diabetic rats. <i>Life Sciences</i> , 2018, 207, 272-283.	2.0	4
29	Bioengineered three-dimensional transparent eggshell as a chicken embryo experimentation platform for biomedical research. <i>Engineering Reports</i> , 2020, 2, e12092.	0.9	3
30	Effects of Pulsed Electromagnetic Field Intensity on Mesenchymal Stem Cells. <i>Bioelectricity</i> , 2021, 3, 186-196.	0.6	2
31	50 Years of Biomaterials Research in Singapore. , 2016, , 157-177.		0