

# Dominik Egger

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7145484/publications.pdf>

Version: 2024-02-01

25  
papers

472  
citations

840585

11  
h-index

713332

21  
g-index

30  
all docs

30  
docs citations

30  
times ranked

683  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypoxia Conditioned Mesenchymal Stem Cell-Derived Extracellular Vesicles Induce Increased Vascular Tube Formation in vitro. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 292.	2.0	129
2	Dynamic Cultivation of Mesenchymal Stem Cell Aggregates. <i>Bioengineering</i> , 2018, 5, 48.	1.6	59
3	3D Printing of Cell Culture Devices: Assessment and Prevention of the Cytotoxicity of Photopolymers for Stereolithography. <i>Materials</i> , 2020, 13, 3011.	1.3	46
4	Development and Characterization of a Parallelizable Perfusion Bioreactor for 3D Cell Culture. <i>Bioengineering</i> , 2017, 4, 51.	1.6	38
5	Towards Physiologic Culture Approaches to Improve Standard Cultivation of Mesenchymal Stem Cells. <i>Cells</i> , 2021, 10, 886.	1.8	32
6	Hypoxic Three-Dimensional Scaffold-Free Aggregate Cultivation of Mesenchymal Stem Cells in a Stirred Tank Reactor. <i>Bioengineering</i> , 2017, 4, 47.	1.6	28
7	Application of a Parallelizable Perfusion Bioreactor for Physiologic 3D Cell Culture. <i>Cells Tissues Organs</i> , 2017, 203, 316-326.	1.3	27
8	Heterogeneity of mesenchymal stem cell-derived extracellular vesicles is highly impacted by the tissue/cell source and culture conditions. <i>Cell and Bioscience</i> , 2022, 12, 51.	2.1	24
9	The Power of LC-MS Based Multiomics: Exploring Adipogenic Differentiation of Human Mesenchymal Stem/Stromal Cells. <i>Molecules</i> , 2019, 24, 3615.	1.7	23
10	Influence of Charge and Heat on the Mechanical Properties of Scaffolds from Ionic Complexation of Chitosan and Carboxymethyl Cellulose. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 3618-3632.	2.6	12
11	From 2D to 3D: isolation of mesenchymal stem/stromal cells into a three-dimensional human platelet lysate matrix. <i>Stem Cell Research and Therapy</i> , 2019, 10, 248.	2.4	11
12	Advanced Dynamic Cell and Tissue Culture. <i>Bioengineering</i> , 2018, 5, 65.	1.6	9
13	Alginate Core-Shell Capsules for 3D Cultivation of Adipose-Derived Mesenchymal Stem Cells. <i>Bioengineering</i> , 2022, 9, 66.	1.6	8
14	Physiologic isolation and expansion of human mesenchymal stem/stromal cells for manufacturing of cell-based therapy products. <i>Engineering in Life Sciences</i> , 2022, 22, 361-372.	2.0	6
15	Innovative Platform for the Advanced Online Monitoring of Three-Dimensional Cells and Tissue Cultures. <i>Cells</i> , 2022, 11, 412.	1.8	3
16	Approaches for automatized expansion and differentiation of human MSC in specialized bioreactors. <i>BMC Proceedings</i> , 2013, 7, .	1.8	2
17	Cell Culture Conditions: Cultivation of Stem Cells Under Dynamic Conditions. , 2018, , 1-33.		2
18	Advanced Online Monitoring of In Vitro Human 3D Full-Thickness Skin Equivalents. <i>Pharmaceutics</i> , 2022, 14, 1436.	2.0	2

#	ARTICLE	IF	CITATIONS
19	Dynamic cultivation of human stem cells under physiological conditions. BMC Proceedings, 2015, 9, .	1.8	1
20	Introduction to 3D Cell Culture. Learning Materials in Biosciences, 2021, , 1-26.	0.2	1
21	Hypoxia conditioned mesenchymal stem cell-derived extracellular vesicles induce increased in vitro vascular tube formation. Cytotherapy, 2021, 23, S116-S117.	0.3	1
22	Cell Culture Conditions: Cultivation of Stem Cells Under Dynamic Conditions. , 2020, , 415-447.		1
23	Advanced in vitro management of three-dimensional cell cultures and explanted tissue. Cytotherapy, 2021, 23, S145.	0.3	0
24	Editorial: Advanced Cell Culture Technologies to Boost Cell-Based Therapies. Frontiers in Bioengineering and Biotechnology, 2021, 9, 727298.	2.0	0
25	Automation of Cell Culture Processes. Learning Materials in Biosciences, 2018, , 155-168.	0.2	0