

# Diana Gaspar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7382818/publications.pdf>

Version: 2024-02-01

19  
papers

559  
citations

932766

10  
h-index

940134

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

831  
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress in cell-based therapies for tendon repair. <i>Advanced Drug Delivery Reviews</i> , 2015, 84, 240-256.	6.6	152
2	The biophysical, biochemical, and biological toolbox for tenogenic phenotype maintenance in vitro. <i>Trends in Biotechnology</i> , 2014, 32, 474-482.	4.9	73
3	Macromolecular crowding meets oxygen tension in human mesenchymal stem cell culture - A step closer to physiologically relevant in vitro organogenesis. <i>Scientific Reports</i> , 2016, 6, 30746.	1.6	66
4	Polydispersity and negative charge are key modulators of extracellular matrix deposition under macromolecular crowding conditions. <i>Acta Biomaterialia</i> , 2019, 88, 197-210.	4.1	47
5	Relevance of bioreactors and whole tissue cultures for the translation of new therapies to humans. <i>Journal of Orthopaedic Research</i> , 2018, 36, 10-21.	1.2	45
6	Preferential cell response to anisotropic electro-spun fibrous scaffolds under tension-free conditions. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 137-148.	1.7	38
7	Influence of porosity and pore shape on structural, mechanical and biological properties of poly( $\epsilon$ -caprolactone) electro-spun fibrous scaffolds. <i>Nanomedicine</i> , 2016, 11, 1031-1040.	1.7	38
8	Scaffold and scaffold-free self-assembled systems in regenerative medicine. <i>Biotechnology and Bioengineering</i> , 2016, 113, 1155-1163.	1.7	34
9	Multifactorial bottom-up bioengineering approaches for the development of living tissue substitutes. <i>FASEB Journal</i> , 2019, 33, 5741-5754.	0.2	26
10	Local pharmacological induction of angiogenesis: Drugs for cells and cells as drugs. <i>Advanced Drug Delivery Reviews</i> , 2019, 146, 126-154.	6.6	13
11	Preparation and Characterization of Tissue Surrogates Rich in Extracellular Matrix Using the Principles of Macromolecular Crowding. <i>Methods in Molecular Biology</i> , 2019, 1952, 245-259.	0.4	7
12	Development macro-porous electro-spun meshes with clinically relevant mechanical properties—a technical note. <i>Biomedical Materials (Bristol)</i> , 2019, 14, 024103.	1.7	6
13	Engineering in vitro complex pathophysiologies for drug discovery purposes. <i>Drug Discovery Today</i> , 2016, 21, 1341-1344.	3.2	5
14	In vitro and preclinical characterisation of compressed, macro-porous and collagen coated poly( $\epsilon$ -caprolactone) electro-spun scaffolds. <i>Biomedical Materials (Bristol)</i> , 2019, 14, 055007.	1.7	3
15	Molecular Crowding “ (in Cell Culture). , 2020, , 483-509.		2
16	Molecular Crowding “ (in Cell Culture). , 2018, , 1-27.		1
17	Designing Microenvironments for Optimal Outcomes in Tissue Engineering and Regenerative Medicine: From Biopolymers to Culturing Conditions. , 2019, , 119-119.		1
18	Editorial: Biofunctional biomaterials and cellular systems for diagnostic and therapeutic purposes. <i>Biomedical Materials (Bristol)</i> , 2019, 14, 020201.	1.7	1

#	ARTICLE	IF	CITATIONS
19	Translational Research Symposium“ collaborative efforts as driving forces of healthcare innovation. Journal of Materials Science: Materials in Medicine, 2019, 30, 133.	1.7	1