

# Marco Santoro

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2001297/publications.pdf>

Version: 2024-02-01

26  
papers

1,523  
citations

361413

20  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2996  
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(lactic acid) nanofibrous scaffolds for tissue engineering. <i>Advanced Drug Delivery Reviews</i> , 2016, 107, 206-212.	13.7	336
2	Gelatin carriers for drug and cell delivery in tissue engineering. <i>Journal of Controlled Release</i> , 2014, 190, 210-218.	9.9	299
3	Flow perfusion effects on three-dimensional culture and drug sensitivity of Ewing sarcoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10304-10309.	7.1	93
4	Towards rationally designed biomanufacturing of therapeutic extracellular vesicles: impact of the bioproduction microenvironment. <i>Biotechnology Advances</i> , 2018, 36, 2051-2059.	11.7	88
5	Extrusion-Based 3D Printing of Poly(propylene fumarate) in a Full-Factorial Design. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1771-1780.	5.2	85
6	Direct and indirect co-culture of chondrocytes and mesenchymal stem cells for the generation of polymer/extracellular matrix hybrid constructs. <i>Acta Biomaterialia</i> , 2014, 10, 1824-1835.	8.3	69
7	Hybrid 3D Printing of Synthetic and Cell-Loaded Bioinks for Shape Retaining Soft Tissue Grafts. <i>Advanced Functional Materials</i> , 2020, 30, 1907145.	14.9	50
8	Repair of Tympanic Membrane Perforations with Customized Bioprinted Ear Grafts Using Chinchilla Models. <i>Tissue Engineering - Part A</i> , 2018, 24, 527-535.	3.1	47
9	Placental basement membrane proteins are required for effective cytotrophoblast invasion in a three-dimensional bioprinted placenta model. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 1476-1487.	4.0	42
10	Polymeric scaffolds as stem cell carriers in bone repair. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 1093-1119.	2.7	41
11	3D tissue-engineered model of Ewing's sarcoma. <i>Advanced Drug Delivery Reviews</i> , 2014, 79-80, 155-171.	13.7	39
12	Diagnosis and management of acute aortic syndromes in the emergency department. <i>Internal and Emergency Medicine</i> , 2021, 16, 171-181.	2.0	39
13	Incorporation of fast dissolving glucose porogens into an injectable calcium phosphate cement for bone tissue engineering. <i>Acta Biomaterialia</i> , 2017, 50, 68-77.	8.3	37
14	Effects of Shear Stress Gradients on Ewing Sarcoma Cells Using 3D Printed Scaffolds and Flow Perfusion. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 347-356.	5.2	30
15	Trophoblast-endothelium signaling involves angiogenesis and apoptosis in a dynamic bioprinted placenta model. <i>Biotechnology and Bioengineering</i> , 2019, 116, 181-192.	3.3	30
16	Incorporation of fast dissolving glucose porogens and poly(lactic-co-glycolic acid) microparticles within calcium phosphate cements for bone tissue regeneration. <i>Acta Biomaterialia</i> , 2018, 78, 341-350.	8.3	28
17	Biomimetic Placenta-Fetus Model Demonstrating Maternal-Fetal Transmission and Fetal Neural Toxicity of Zika Virus. <i>Annals of Biomedical Engineering</i> , 2018, 46, 1963-1974.	2.5	28
18	Development of keratin-based membranes for potential use in skin repair. <i>Acta Biomaterialia</i> , 2019, 83, 177-188.	8.3	28

#	ARTICLE	IF	CITATIONS
19	Assessment of decellularized pericardial extracellular matrix and poly(propylene fumarate) biohybrid for small-diameter vascular graft applications. <i>Acta Biomaterialia</i> , 2020, 110, 68-81.	8.3	25
20	Modeling Stroma-Induced Drug Resistance in a Tissue-Engineered Tumor Model of Ewing Sarcoma. <i>Tissue Engineering - Part A</i> , 2017, 23, 80-89.	3.1	24
21	Development and Validation of a Simplified Probability Assessment Score Integrated With Age-Adjusted D-Dimer for Diagnosis of Acute Aortic Syndromes. <i>Journal of the American Heart Association</i> , 2021, 10, e018425.	3.7	21
22	Prospective diagnostic accuracy study of plasma soluble ST2 for diagnosis of acute aortic syndromes. <i>Scientific Reports</i> , 2020, 10, 3103.	3.3	12
23	Acellular mineral deposition within injectable, dual-gelling hydrogels for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 110-117.	4.0	8
24	Assessment of the Effects of Energy Density in Crosslinking of Keratin-Based Photo-Sensitive Resin. , 2018, , .		6
25	Dual-chambered membrane bioreactor for coculture of stratified cell populations. <i>Biotechnology and Bioengineering</i> , 2019, 116, 3253-3268.	3.3	6
26	Aminated 3D Printed Polystyrene Maintains Stem Cell Proliferation and Osteogenic Differentiation. <i>Tissue Engineering - Part C: Methods</i> , 2020, 26, 118-131.	2.1	6