

# Luis Diaz-Gomez

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

995  
citations

430874

18  
h-index

526287

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1543  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and mechanical characterization of 3D printed vertical uniform and gradient scaffolds for bone and osteochondral tissue engineering. <i>Acta Biomaterialia</i> , 2019, 90, 37-48.	8.3	172
2	Biodegradable electrospun nanofibers coated with platelet-rich plasma for cell adhesion and proliferation. <i>Materials Science and Engineering C</i> , 2014, 40, 180-188.	7.3	86
3	Stereolithography (SLA) 3D printing of a bladder device for intravesical drug delivery. <i>Materials Science and Engineering C</i> , 2021, 120, 111773.	7.3	83
4	Additive manufacturing of scaffolds with dexamethasone controlled release for enhanced bone regeneration. <i>International Journal of Pharmaceutics</i> , 2015, 496, 541-550.	5.2	60
5	Hydrophobically Modified Keratin Vesicles for GSH-Responsive Intracellular Drug Release. <i>Bioconjugate Chemistry</i> , 2015, 26, 1900-1907.	3.6	54
6	3D printed carboxymethyl cellulose scaffolds for autologous growth factors delivery in wound healing. <i>Carbohydrate Polymers</i> , 2022, 278, 118924.	10.2	54
7	pH/redox dual-sensitive dextran nanogels for enhanced intracellular drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 117, 324-332.	4.3	46
8	Biodegradable PCL/fibroin/hydroxyapatite porous scaffolds prepared by supercritical foaming for bone regeneration. <i>International Journal of Pharmaceutics</i> , 2017, 527, 115-125.	5.2	42
9	Growth factors delivery from hybrid PCL-starch scaffolds processed using supercritical fluid technology. <i>Carbohydrate Polymers</i> , 2016, 142, 282-292.	10.2	38
10	3D Printed Punctal Plugs for Controlled Ocular Drug Delivery. <i>Pharmaceutics</i> , 2021, 13, 1421.	4.5	35
11	Synthetic scaffolds with full pore interconnectivity for bone regeneration prepared by supercritical foaming using advanced biofunctional plasticizers. <i>Biofabrication</i> , 2017, 9, 035002.	7.1	29
12	Multimaterial Segmented Fiber Printing for Gradient Tissue Engineering. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 12-24.	2.1	29
13	Three-Dimensional Printing of Tissue Engineering Scaffolds with Horizontal Pore and Composition Gradients. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 411-420.	2.1	28
14	Dual-Targeted Hyaluronic Acid/Albumin Micelle-Like Nanoparticles for the Vectorization of Doxorubicin. <i>Pharmaceutics</i> , 2021, 13, 304.	4.5	28
15	Fiber engraving for bioink bioprinting within 3D printed tissue engineering scaffolds. <i>Bioprinting</i> , 2020, 18, e00076.	5.8	26
16	Use of 3D Printing for the Development of Biodegradable Antiplatelet Materials for Cardiovascular Applications. <i>Pharmaceutics</i> , 2021, 14, 921.	3.8	25
17	Multimaterial Dual Gradient Three-Dimensional Printing for Osteogenic Differentiation and Spatial Segregation. <i>Tissue Engineering - Part A</i> , 2020, 26, 239-252.	3.1	23
18	Multimodal pore formation in calcium phosphate cements. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 500-509.	4.0	20

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19	Silicone Rubber Modified with Methacrylic Acid to Host Antiseptic Drugs. <i>Macromolecular Materials and Engineering</i> , 2014, 299, 1240-1250.	3.6	17
20	Functionalization of titanium implants with phase-transited lysozyme for gentle immobilization of antimicrobial lysozyme. <i>Applied Surface Science</i> , 2018, 452, 32-42.	6.1	17
21	Controlled Release of rAAV Vectors from APMA-Functionalized Contact Lenses for Corneal Gene Therapy. <i>Pharmaceutics</i> , 2020, 12, 335.	4.5	15
22	Three-dimensional printing of click functionalized, peptide patterned scaffolds for osteochondral tissue engineering. <i>Bioprinting</i> , 2021, 22, e00136.	5.8	15
23	Random and aligned PLLA : PRGF electrospun scaffolds for regenerative medicine. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	14
24	Polymeric prodrug-functionalized polypropylene films for sustained release of salicylic acid. <i>International Journal of Pharmaceutics</i> , 2016, 511, 579-585.	5.2	12
25	Lysozyme immobilization onto PVC catheters grafted with NVCL and HEMA for reduction of bacterial adhesion. <i>Radiation Physics and Chemistry</i> , 2016, 126, 1-8.	2.8	11
26	Three-Dimensional Extrusion Printing of Porous Scaffolds Using Storable Ceramic Inks. <i>Tissue Engineering - Part C: Methods</i> , 2020, 26, 292-305.	2.1	10
27	Tissue Engineering Scaffolds. , 2020, , 1317-1334.		4
28	Deep Learning for Automated Analysis of Cellular and Extracellular Components of the Foreign Body Response in Multiphoton Microscopy Images. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 797555.	4.1	2