

Miguel Santos

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

413
citations

840776

11
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

617
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Photocrosslinking of Silk Hydrogels with High Cell Density and Enhanced Shape Fidelity. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901667.	7.6	96
2	Rapid Endothelialization of Off-the-Shelf Small Diameter Silk Vascular Grafts. <i>JACC Basic To Translational Science</i> , 2018, 3, 38-53.	4.1	51
3	Mechanically Robust Plasma-Activated Interfaces Optimized for Vascular Stent Applications. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 9635-9650.	8.0	31
4	Microwave capillary plasmas in helium at atmospheric pressure. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 265201.	2.8	30
5	Plasma-synthesised carbon-based coatings for cardiovascular applications. <i>Biosurface and Biotribology</i> , 2015, 1, 146-160.	1.5	29
6	Plasma-Activated Tropoelastin Functionalization of Zirconium for Improved Bone Cell Response. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 662-676.	5.2	23
7	Cellular responses to radical propagation from ion-implanted plasma polymer surfaces. <i>Applied Surface Science</i> , 2018, 456, 701-710.	6.1	21
8	Plasma Synthesis of Carbon-Based Nanocarriers for Linker-Free Immobilization of Bioactive Cargo. <i>ACS Applied Nano Materials</i> , 2018, 1, 580-594.	5.0	20
9	Macrophage Polarization as a Novel Therapeutic Target for Endovascular Intervention in Peripheral Artery Disease. <i>JACC Basic To Translational Science</i> , 2021, 6, 693-704.	4.1	19
10	Plasma polymerized nanoparticles effectively deliver dual siRNA and drug therapy in vivo. <i>Scientific Reports</i> , 2020, 10, 12836.	3.3	18
11	Substrate geometry modulates self-assembly and collection of plasma polymerized nanoparticles. <i>Communications Physics</i> , 2019, 2, .	5.3	14
12	Immobilization of bioactive plasmin reduces the thrombogenicity of metal surfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 136, 944-954.	5.0	12
13	Immobilized Macrophage Colony-Stimulating Factor (M-CSF) Regulates the Foreign Body Response to Implanted Materials. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 995-1007.	5.2	11
14	Silk Fibroin Scaffold Architecture Regulates Inflammatory Responses and Engraftment of Bone Marrow Mononuclear Cells. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100615.	7.6	10
15	Bioactivation of Encapsulation Membranes Reduces Fibrosis and Enhances Cell Survival. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56908-56923.	8.0	9
16	Plasma activated coating immobilizes apolipoprotein A-I to stainless steel surfaces in its bioactive form and enhances biocompatibility. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2141-2150.	3.3	7
17	Comprehensive Evaluation of the Toxicity and Biosafety of Plasma Polymerized Nanoparticles. <i>Nanomaterials</i> , 2021, 11, 1176.	4.1	6
18	Simple one-step covalent immobilization of bioactive agents without use of chemicals on plasma-activated low thrombogenic stent coatings. , 2018, , 211-228.		4

#	ARTICLE	IF	CITATIONS
19	TCT-433 Plasmin Immobilization for Reduced Thrombogenicity of Metallic Implants. Journal of the American College of Cardiology, 2014, 64, B127.	2.8	2