Susana Gomes Santos

List of Publications by Year
in descending order

57 papers	2,953 citations	186265 28 h-index	182427 51 g-index
57 all docs	57 docs citations	57 times ranked	5499 citing authors

#	Article	IF	Citations
1	Stress-induced depressive-like behavior in male rats is associated with microglial activation and inflammation dysregulation in the hippocampus in adulthood. Brain, Behavior, and Immunity, 2022, 99, 397-408.	4.1	21
2	Advances in carbon nanomaterials for immunotherapy. Applied Materials Today, 2022, 27, 101397.	4.3	15
3	A bioinspired multifunctional hydrogel patch targeting inflammation and regeneration in chronic intestinal wounds. Biomaterials Science, 2021, 9, 6510-6527.	5.4	8
4	Therapeutic Strategies for IVD Regeneration through Hyaluronan/SDF-1-Based Hydrogel and Intravenous Administration of MSCs. International Journal of Molecular Sciences, 2021, 22, 9609.	4.1	7
5	Osteoclasts degrade fibrinogen scaffolds and induce mesenchymal stem/stromal osteogenic differentiation. Journal of Biomedical Materials Research - Part A, 2020, 108, 851-862.	4.0	8
6	Lipid nanoparticles biocompatibility and cellular uptake in a 3D human lung model. Nanomedicine, 2020, 15, 259-271.	3.3	15
7	Fibrinogen and magnesium combination biomaterials modulate macrophage phenotype, NF-kB signaling and crosstalk with mesenchymal stem/stromal cells. Acta Biomaterialia, 2020, 114, 471-484.	8.3	42
8	TNF-alpha-induced microglia activation requires miR-342: impact on NF-kB signaling and neurotoxicity. Cell Death and Disease, 2020, 11, 415.	6.3	108
9	Modulation of the In Vivo Inflammatory Response by Pro- Versus Anti-Inflammatory Intervertebral Disc Treatments. International Journal of Molecular Sciences, 2020, 21, 1730.	4.1	15
10	Articular Repair/Regeneration in Healthy and Inflammatory Conditions: From Advanced In Vitro to In Vivo Models. Advanced Functional Materials, 2020, 30, 1909523.	14.9	7
11	miR-99a in bone homeostasis: Regulating osteogenic lineage commitment and osteoclast differentiation. Bone, 2020, 134, 115303.	2.9	22
12	Optimization of Rifapentine-Loaded Lipid Nanoparticles Using a Quality-by-Design Strategy. Pharmaceutics, 2020, 12, 75.	4.5	11
13	Macrophages Down-Regulate Gene Expression of Intervertebral Disc Degenerative Markers Under a Pro-inflammatory Microenvironment. Frontiers in Immunology, 2019, 10, 1508.	4.8	50
14	Genetically Engineered-MSC Therapies for Non-unions, Delayed Unions and Critical-size Bone Defects. International Journal of Molecular Sciences, 2019, 20, 3430.	4.1	32
15	The Contribution of Inflammation to Autism Spectrum Disorders: Recent Clinical Evidence. Methods in Molecular Biology, 2019, 2011, 493-510.	0.9	24
16	Peripheral Biomarkers of Inflammation in Depression: Evidence from Animal Models and Clinical Studies. Methods in Molecular Biology, 2019, 2011, 467-492.	0.9	11
17	The Systemic Immune Response to Collagen-Induced Arthritis and the Impact of Bone Injury in Inflammatory Conditions. International Journal of Molecular Sciences, 2019, 20, 5436.	4.1	11
18	Chitosan/poly(Î³-glutamic acid) nanoparticles incorporating IFN-Î³ for immune response modulation in the context of colorectal cancer. Biomaterials Science, 2019, 7, 3386-3403.	5.4	32

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19	Long noncoding RNAs: a missing link in osteoporosis. Bone Research, 2019, 7, 10.	11.4	77
20	Chitosan porous 3D scaffolds embedded with resolvin D1 to improve in vivo bone healing. Journal of Biomedical Materials Research - Part A, 2018, 106, 1626-1633.	4.0	27
21	Mesenchymal Stromal Cell Secretome: Influencing Therapeutic Potential by Cellular Pre-conditioning. Frontiers in Immunology, 2018, 9, 2837.	4.8	350
22	Extracellular vesicles: intelligent delivery strategies for therapeutic applications. Journal of Controlled Release, 2018, 289, 56-69.	9.9	85
23	Profiling the circulating miRnome reveals a temporal regulation of the bone injury response. Theranostics, 2018, 8, 3902-3917.	10.0	9
24	Dendritic Cell-derived Extracellular Vesicles mediate Mesenchymal Stem/Stromal Cell recruitment. Scientific Reports, 2017, 7, 1667.	3.3	62
25	Pro-inflammatory chitosan/poly(Î³-glutamic acid) nanoparticles modulate human antigen-presenting cells phenotype and revert their pro-invasive capacity. Acta Biomaterialia, 2017, 63, 96-109.	8.3	45
26	Targeted macrophages delivery of rifampicin-loaded lipid nanoparticles to improve tuberculosis treatment. Nanomedicine, 2017, 12, 2721-2736.	3.3	60
27	Adsorbed Fibrinogen stimulates TLR-4 on monocytes and induces BMP-2 expression. Acta Biomaterialia, 2017, 49, 296-305.	8.3	22
28	Systemic Delivery of Bone Marrow Mesenchymal Stem Cells for In Situ Intervertebral Disc Regeneration. Stem Cells Translational Medicine, 2017, 6, 1029-1039.	3.3	31
29	Extracellular Vesicles: Immunomodulatory messengers in the context of tissue repair/regeneration. European Journal of Pharmaceutical Sciences, 2017, 98, 86-95.	4.0	87
30	miR-195 inhibits macrophages pro-inflammatory profile and impacts the crosstalk with smooth muscle cells. PLoS ONE, 2017, 12, e0188530.	2.5	49
31	Bridging Autism Spectrum Disorders and Schizophrenia through inflammation and biomarkers - pre-clinical and clinical investigations. Journal of Neuroinflammation, 2017, 14, 179.	7.2	92
32	Nanostructured lipid carriers loaded with resveratrol modulate human dendritic cells. International Journal of Nanomedicine, 2016, Volume 11, 3501-3516.	6.7	29
33	Ionizing radiation modulates human macrophages towards a pro-inflammatory phenotype preserving their pro-invasive and pro-angiogenic capacities. Scientific Reports, 2016, 6, 18765.	3.3	139
34	Fibrinogen scaffolds with immunomodulatory properties promote inÂvivo bone regeneration. Biomaterials, 2016, 111, 163-178.	11.4	54
35	Circulating extracellular vesicles: Their role in tissue repair and regeneration. Transfusion and Apheresis Science, 2016, 55, 53-61.	1.0	27
36	The two faces of metal ions: From implants rejection to tissue repair/regeneration. Biomaterials, 2016, 84, 262-275.	11.4	95

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37	miR-195 in human primary mesenchymal stromal/stem cells regulates proliferation, osteogenesis and paracrine effect on angiogenesis. Oncotarget, 2016, 7, 7-22.	1.8	83
38	Integrated Analysis of Biological Samples by Imaging Flow Cytometry. Microscopy and Microanalysis, 2015, 21, 95-96.	0.4	1
39	Matrix metalloproteases as maestros for the dual role of LPS- and IL-10-stimulated macrophages in cancer cell behaviour. BMC Cancer, 2015, 15, 456.	2.6	22
40	Resveratrol as a Natural Anti-Tumor Necrosis Factor-Î± Molecule: Implications to Dendritic Cells and Their Crosstalk with Mesenchymal Stromal Cells. PLoS ONE, 2014, 9, e91406.	2.5	25
41	Injectable MMP-Sensitive Alginate Hydrogels as hMSC Delivery Systems. Biomacromolecules, 2014, 15, 380-390.	5.4	93
42	Endoplasmic Reticulum Degradationâ€"Enhancing Î±â€Mannosidaseâ€"like Protein 1 Targets Misfolded HLAâ€"B27 Dimers for Endoplasmic Reticulumâ€"Associated Degradation. Arthritis and Rheumatology, 2014, 66, 2976-2988.	5.6	33
43	Cross Talk between the Akt and p38Î± Pathways in Macrophages Downstream of Toll-Like Receptor Signaling. Molecular and Cellular Biology, 2013, 33, 4152-4165.	2.3	74
44	Adsorbed fibrinogen leads to improved bone regeneration and correlates with differences in the systemic immune response. Acta Biomaterialia, 2013, 9, 7209-7217.	8.3	46
45	Fibrinogen promotes resorption of chitosan by human osteoclasts. Acta Biomaterialia, 2013, 9, 6553-6562.	8.3	15
46	Chitosan drives anti-inflammatory macrophage polarisation and pro-inflammatory dendritic cell stimulation. , 2012, 24, 136-153.		125
47	Novel MHC Class I Structures on Exosomes. Journal of Immunology, 2009, 183, 1884-1891.	0.8	68
48	Biochemical Features of HLA-B27 and Antigen Processing. Advances in Experimental Medicine and Biology, 2009, 649, 210-216.	1.6	8
49	Novel detection of in vivo HLAâ€"B27 conformations correlates with ankylosing spondylitis association. Arthritis and Rheumatism, 2008, 58, 3419-3424.	6.7	26
50	The kinases MSK1 and MSK2 act as negative regulators of Toll-like receptor signaling. Nature Immunology, 2008, 9, 1028-1036.	14.5	297
51	Induction of HLA-B27 heavy chain homodimer formation after activation in dendritic cells. Arthritis Research and Therapy, 2008, 10, R100.	3.5	27
52	Major Histocompatibility Complex Class I-ERp57-Tapasin Interactions within the Peptide-loading Complex. Journal of Biological Chemistry, 2007, 282, 17587-17593.	3.4	42
53	Open conformers: the hidden face of MHC-I molecules. Trends in Immunology, 2007, 28, 115-123.	6.8	96
54	ERp57 interacts with conserved cysteine residues in the MHC class I peptide-binding groove. FEBS Letters, 2007, 581, 1988-1992.	2.8	14

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55	Lack of Tyrosine 320 Impairs Spontaneous Endocytosis and Enhances Release of HLA-B27 Molecules. Journal of Immunology, 2006, 176, 2942-2949.	0.8	23
56	The Impact of Environmental Signals on the Growth and Survival of Human T Cells. , 2005, , 1-32.		0
57	Misfolding of Major Histocompatibility Complex Class I Molecules in Activated T Cells Allows cis-Interactions with Receptors and Signaling Molecules and Is Associated with Tyrosine Phosphorylation. Journal of Biological Chemistry, 2004, 279, 53062-53070.	3.4	56