

Marcus A F Corat

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,043
citations

430442

18
h-index

525886

27
g-index

31
all docs

31
docs citations

31
times ranked

1848
citing authors

#	ARTICLE	IF	CITATIONS
1	Activated protein C protects against diabetic nephropathy by inhibiting endothelial and podocyte apoptosis. <i>Nature Medicine</i> , 2007, 13, 1349-1358.	15.2	358
2	Focal adhesion kinase mediates MEF2 and c-Jun activation by stretch: Role in the activation of the cardiac hypertrophic genetic program. <i>Cardiovascular Research</i> , 2005, 68, 87-97.	1.8	61
3	Differentiation of C2C12 myoblasts is critically regulated by FAK signaling. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R862-R870.	0.9	59
4	An evaluation of cell proliferation and adhesion on vertically-aligned multi-walled carbon nanotube films. <i>Carbon</i> , 2010, 48, 245-254.	5.4	59
5	<i>In Vitro</i> and <i>In Vivo</i> Studies of Novel Poly(<i>d</i> -, <i>l</i> -lactic acid), Superhydrophilic Carbon Nanotubes, and Nanohydroxyapatite Scaffolds for Bone Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 9385-9398.	4.0	57
6	Fast Preparation of Hydroxyapatite/Superhydrophilic Vertically Aligned Multiwalled Carbon Nanotube Composites for Bioactive Application. <i>Langmuir</i> , 2010, 26, 18308-18314.	1.6	53
7	Acquired somatic mutations in PNH reveal long-term maintenance of adaptive NK cells independent of HSPCs. <i>Blood</i> , 2017, 129, 1940-1946.	0.6	42
8	Increased Cavernal Relaxations in Sick Cell Mice Priapism are Associated with Alterations in the NO-cGMP Signaling Pathway. <i>Journal of Sexual Medicine</i> , 2009, 6, 2187-2196.	0.3	35
9	Review article Genetically modified animals for use in research and biotechnology. <i>Genetics and Molecular Research</i> , 2010, 9, 1469-1482.	0.3	33
10	Rhesus iPSC Safe Harbor Gene-Editing Platform for Stable Expression of Transgenes in Differentiated Cells of All Germ Layers. <i>Molecular Therapy</i> , 2017, 25, 44-53.	3.7	26
11	Increasing mouse embryonic fibroblast cells adhesion on superhydrophilic vertically aligned carbon nanotube films. <i>Materials Science and Engineering C</i> , 2011, 31, 1505-1511.	3.8	24
12	Oxygen-generating smart hydrogels supporting chondrocytes survival in oxygen-free environments. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 194, 111192.	2.5	24
13	Cytocompatibility studies of vertically-aligned multi-walled carbon nanotubes: Raw material and functionalized by oxygen plasma. <i>Materials Science and Engineering C</i> , 2012, 32, 648-652.	3.8	22
14	Analysis of cellular adhesion on superhydrophobic and superhydrophilic vertically aligned carbon nanotube scaffolds. <i>Materials Science and Engineering C</i> , 2015, 48, 365-371.	3.8	20
15	Outer Membrane Vesicles from <i>Neisseria Meningitidis</i> (Proteosome) Used for Nanostructured Zika Virus Vaccine Production. <i>Scientific Reports</i> , 2018, 8, 8290.	1.6	20
16	A comparison between electrospinning and rotary-jet spinning to produce PCL fibers with low bacteria colonization. <i>Materials Science and Engineering C</i> , 2020, 111, 110706.	3.8	20
17	Engineering multifunctional bactericidal nanofibers for abdominal hernia repair. <i>Communications Biology</i> , 2021, 4, 233.	2.0	19
18	In vitro and in vivo studies of a novel nanohydroxyapatite/superhydrophilic vertically aligned carbon nanotube nanocomposites. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 1723-1732.	1.7	18

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19	CRISPR/Cas9 PIG-A gene editing in nonhuman primate model demonstrates no intrinsic clonal expansion of PNH HSPCs. <i>Blood</i> , 2019, 133, 2542-2545.	0.6	17
20	Oxygen-generating microparticles in chondrocytes-laden hydrogels by facile and versatile click chemistry strategy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 205, 111850.	2.5	16
21	<p>Electrospraying Oxygen-Generating Microparticles for Tissue Engineering Applications</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 1173-1186.	3.3	14
22	Low-protein diet disrupts the crosstalk between the PKA and PKC signaling pathways in isolated pancreatic islets. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 556-562.	1.9	12
23	Barcoding of Macaque Hematopoietic Stem and Progenitor Cells: A Robust Platform to Assess Vector Genotoxicity. <i>Molecular Therapy - Methods and Clinical Development</i> , 2018, 11, 143-154.	1.8	9
24	Murine norovirus infection in Brazilian animal facilities. <i>Experimental Animals</i> , 2017, 66, 115-124.	0.7	8
25	Rotary Jet-Spun Polycaprolactone/Hydroxyapatite and Carbon Nanotube Scaffolds Seeded with Bone Marrow Mesenchymal Stem Cells Increase Bone Neof ormation. <i>ACS Applied Bio Materials</i> , 2022, 5, 1013-1024.	2.3	8
26	Cytotoxicity analysis of vertically aligned multi-walled carbon nanotubes by colorimetric assays. <i>Synthetic Metals</i> , 2009, 159, 2165-2166.	2.1	6
27	High Levels of Human β -Globin are Expressed in Adult Mice Carrying a Transgene of the Brazilian Type of Hereditary Persistence of Fetal Hemoglobin ($\beta^A\beta^{\gamma}$). <i>Hemoglobin</i> , 2009, 33, 439-447.	0.4	3
28	Genetically Modified Animal Models. , 2013, , 811-831.		0
29	527. Improvement of Pre-Clinical Non-Human Primate Model for Pluripotent Stem Cell Based Therapies by Introducing Marker Genes in Safe Harbor Locus. <i>Molecular Therapy</i> , 2016, 24, S210-S211.	3.7	0
30	Rho-Kinase Inhibition Attenuates Airway Inflammation In An Experimental Asthma Model In Sickle Cell Mice. <i>Blood</i> , 2013, 122, 731-731.	0.6	0
31	Young and Old Sickle Cell Disease Transgenic Mice Present Underactive Bladder. <i>Blood</i> , 2013, 122, 2248-2248.	0.6	0