Diana S Nascimento

List of Publications by Year
in descending order

46 papers	1,618 citations	361413 20 h-index	302126 39 g-index
49 all docs	49 docs citations	49 times ranked	2902 citing authors

#	Article	IF	Citations
1	Exosomes secreted by cardiomyocytes subjected to ischaemia promote cardiac angiogenesis. Cardiovascular Research, 2017, 113, 1338-1350.	3.8	193
2	Three-dimensional spheroid cell culture of umbilical cord tissue-derived mesenchymal stromal cells leads to enhanced paracrine induction of wound healing. Stem Cell Research and Therapy, 2015, 6, 90.	5.5	141
3	Human umbilical cord tissue-derived mesenchymal stromal cells attenuate remodeling after myocardial infarction by proangiogenic, antiapoptotic, and endogenous cell-activation mechanisms. Stem Cell Research and Therapy, 2014, 5, 5.	5.5	112
4	Decellularized human colorectal cancer matrices polarize macrophages towards an anti-inflammatory phenotype promoting cancer cell invasion via CCL18. Biomaterials, 2017, 124, 211-224.	11.4	104
5	Bearing My Heart: The Role of Extracellular Matrix on Cardiac Development, Homeostasis, and Injury Response. Frontiers in Cell and Developmental Biology, 2020, 8, 621644.	3.7	96
6	AIP56, a novel plasmid-encoded virulence factor ofPhotobacterium damselaesubsp.piscicidawith apoptogenic activity against sea bass macrophages and neutrophils. Molecular Microbiology, 2005, 58, 1025-1038.	2.5	85
7	Molecular cloning and characterisation of sea bass (Dicentrarchus labrax L.) caspase-3 gene. Molecular Immunology, 2007, 44, 774-783.	2.2	73
8	Molecular characterization, 3D modelling and expression analysis of sea bass (Dicentrarchus labrax) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.2	64
9	Multiscale Analysis of Extracellular Matrix Remodeling in the Failing Heart. Circulation Research, 2021, 128, 24-38.	4.5	60
10	Three-dimensional scaffolds of fetal decellularized hearts exhibit enhanced potential to support cardiac cells in comparison to the adult. Biomaterials, 2016, 104, 52-64.	11.4	57
11	Molecular cloning and expression analysis of sea bass (Dicentrarchus labrax L.) tumor necrosis factor-Î± (TNF-Î±). Fish and Shellfish Immunology, 2007, 23, 701-710.	3.6	56
12	Cloning, promoter analysis and expression in response to bacterial exposure of sea bass (Dicentrarchus labrax L.) interleukin-12 p40 and p35 subunits. Molecular Immunology, 2007, 44, 2277-2291.	2.2	55
13	The bright side of fibroblasts: molecular signature and regenerative cues in major organs. Npj Regenerative Medicine, 2021, 6, 43.	5.2	55
14	Sca-1+Cardiac Progenitor Cells and Heart-Making: A Critical Synopsis. Stem Cells and Development, 2014, 23, 2263-2273.	2.1	45
15	Restoring heart function and electrical integrity: closing the circuit. Npj Regenerative Medicine, 2017, 2, 9.	5.2	44
16	First molecular cloning and characterisation of caspase-9 gene in fish and its involvement in a gram negative septicaemia. Molecular Immunology, 2007, 44, 1754-1764.	2.2	43
17	MIQuant â€“ Semi-Automation of Infarct Size Assessment in Models of Cardiac Ischemic Injury. PLoS ONE, 2011, 6, e25045.	2.5	42
18	Neonatal Apex Resection Triggers Cardiomyocyte Proliferation, Neovascularization and Functional Recovery Despite Local Fibrosis. Stem Cell Reports, 2018, 10, 860-874.	4.8	31

#	Article	IF	Citations
19	Microvascular engineering: Dynamic changes in microgel-entrapped vascular cells correlates with higher vasculogenic/angiogenic potential. Biomaterials, 2020, 228, 119554.	11.4	28
20	In vivo cyclic induction of the FOXM1 transcription factor delays natural and progeroid aging phenotypes and extends healthspan. Nature Aging, 2022, 2, 397-411.	11.6	23
21	MicroRNA-155 Amplifies Nitric Oxide/cGMP Signaling and Impairs Vascular Angiotensin II Reactivity in Septic Shock. Critical Care Medicine, 2018, 46, e945-e954.	0.9	22
22	Gut Microbiome and Organ Fibrosis. Nutrients, 2022, 14, 352.	4.1	20
23	Myocardial Edema: an Overlooked Mechanism of Septic Cardiomyopathy?. Shock, 2020, 53, 616-619.	2.1	19
24	Molecular cloning and characterization of sea bass (Dicentrarchus labrax L.) CD8Î±. Veterinary Immunology and Immunopathology, 2006, 110, 169-177.	1.2	18
25	Modeling the fluid-dynamics and oxygen consumption in a porous scaffold stimulated by cyclic squeeze pressure. Medical Engineering and Physics, 2016, 38, 725-732.	1.7	17
26	Sea bass (Dicentrarchus labrax) invariant chain and class II major histocompatibility complex: Sequencing and structural analysis using 3D homology modelling. Molecular Immunology, 2007, 44, 3758-3776.	2.2	13
27	Stable Phenotype and Function of Immortalized Linâ"Sca-1+ Cardiac Progenitor Cells in Long-Term Culture: A Step Closer to Standardization. Stem Cells and Development, 2014, 23, 1012-1026.	2.1	13
28	Mouse HSA+ immature cardiomyocytes persist in the adult heart and expand after ischemic injury. PLoS Biology, 2019, 17, e3000335.	5.6	13
29	A microRNA program regulates the balance between cardiomyocyte hyperplasia and hypertrophy and stimulates cardiac regeneration. Nature Communications, 2021, 12, 4808.	12.8	13
30	Human umbilical cord tissue-derived mesenchymal stromal cells as adjuvant therapy for myocardial infarction: a review of current evidence focusing on pre-clinical large animal models and early human trials. Cytotherapy, 2021, 23, 974-979.	0.7	9
31	Generation of a Close-to-Native In Vitro System to Study Lung Cellsâ€"Extracellular Matrix Crosstalk. Tissue Engineering - Part C: Methods, 2018, 24, 1-13.	2.1	7
32	Stereological estimation of cardiomyocyte number and proliferation. Methods, 2021, 190, 55-62.	3.8	6
33	Establishing a Link Between Endothelial Cell Metabolism and Vascular Behaviour in a Type 1 Diabetes Mouse Model. Cellular Physiology and Biochemistry, 2019, 52, 503-516.	1.6	6
34	Consistent Long-Term Therapeutic Efficacy of Human Umbilical Cord Matrix-Derived Mesenchymal Stromal Cells After Myocardial Infarction Despite Individual Differences and Transient Engraftment. Frontiers in Cell and Developmental Biology, 2021, 9, 624601.	3.7	5
35	Transient HES5 Activity Instructs Mesodermal Cells toward a Cardiac Fate. Stem Cell Reports, 2017, 9, 136-148.	4.8	4
36	Comparable Decellularization of Fetal and Adult Cardiac Tissue Explants as 3D-like Platforms for In Vitro Studies. Journal of Visualized Experiments, 2019, , .	0.3	4

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37	Optimized Heart Sampling and Systematic Evaluation of Cardiac Therapies in Mouse Models of Ischemic Injury: Assessment of Cardiac Remodeling and Semiâ€Automated Quantification of Myocardial Infarct Size. Current Protocols in Mouse Biology, 2015, 5, 359-391.	1.2	3
38	Cardiac Regeneration and Repair: From Mechanisms to Therapeutic Strategies. Learning Materials in Biosciences, 2020, , 187-211.	0.4	3
39	The adult heart requires baseline expression of the transcription factor Hand2 to withstand right ventricular pressure overload. Cardiovascular Research, 2022, 118, 2688-2702.	3.8	3
40	Bone marrow contribution to the heart from development to adulthood. Seminars in Cell and Developmental Biology, 2021, 112, 16-26.	5.0	2
41	Automatic and Semi-automatic Analysis of the Extension of Myocardial Infarction in an Experimental Murine Model. Lecture Notes in Computer Science, 2011, , 151-158.	1.3	2
42	Abstract 896: Cardiomyocyte-derived Mir-200c-3p In Exosomes Affects Endothelial Angiogenic Capacity And Impairs Cardiac Function. Circulation Research, 2019, 125, .	4.5	2
43	Automatic myocardial infarction size extraction in an experimental murine model using an anatomical model. , 2012, , .		1
44	366: The role of tumour derived extracellular matrices on macrophage polarization. European Journal of Cancer, 2014, 50, S87.	2.8	1
45	Widespread cardiomyocyte proliferation and local fibrosis after neonatal apex resection support cardiac benign remodelling and functional recovery. Journal of Molecular and Cellular Cardiology, 2018, 120, 17.	1.9	0
46	Abstract 18331: Endothelial Microrna-155 Promotes Myocardial Microvascular Permeability and Inflammatory Cell Adhesion in Experimental Septic Cardiomyopathy. Circulation, 2015, 132, .	1.6	0