

# Sergio Dias

## List of Publications by Year in descending order

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84  
papers

11,206  
citations

94433

37  
h-index

64796

79  
g-index

84  
all docs

84  
docs citations

84  
times ranked

12158  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Biobanks in the Fight against COVID-19 Pandemic: The Portuguese Response. <i>Acta Medica Portuguesa</i> , 2021, 35, .	0.4	0
2	Modulating the Metabolic Phenotype of Cancer Microenvironment. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1219, 403-411.	1.6	2
3	An antisense transcript mediates MALAT1 response in human breast cancer. <i>BMC Cancer</i> , 2019, 19, 771.	2.6	31
4	Angiogenesis â€“ Vessels Recruitment by Tumor Cells. <i>Learning Materials in Biosciences</i> , 2019, , 141-157.	0.4	1
5	Meeting the needs of breast cancer: A nucleolinâ€™s perspective. <i>Critical Reviews in Oncology/Hematology</i> , 2018, 125, 89-101.	4.4	32
6	Low-Density Lipoprotein Uptake Inhibits the Activation and Antitumor Functions of Human VÎ³9VÎ²2 T Cells. <i>Cancer Immunology Research</i> , 2018, 6, 448-457.	3.4	25
7	Therapeutic Implications of the Molecular and Immune Landscape of Triple-Negative Breast Cancer. <i>Pathology and Oncology Research</i> , 2018, 24, 701-716.	1.9	17
8	VEGFR2â€™Mediated Reprogramming of Mitochondrial Metabolism Regulates the Sensitivity of Acute Myeloid Leukemia to Chemotherapy. <i>Cancer Research</i> , 2018, 78, 731-741.	0.9	32
9	VEGF signaling in acute leukemia: mitochondrial connections. <i>Oncoscience</i> , 2018, 5, 54-56.	2.2	1
10	Monocarboxylate transporter 1 (MCT1), a tool to stratify acute myeloid leukemia (AML) patients and a vehicle to kill cancer cells. <i>Oncotarget</i> , 2017, 8, 82803-82823.	1.8	20
11	Effects of transplanted circulating endothelial progenitor cells and platelet microparticles in atherosclerosis development. <i>Biology of the Cell</i> , 2016, 108, 219-243.	2.0	30
12	Trypanosoma brucei Parasites Occupy and Functionally Adapt to the Adipose Tissue in Mice. <i>Cell Host and Microbe</i> , 2016, 19, 837-848.	11.0	288
13	The impact of chronic intermittent hypoxia on hematopoiesis and the bone marrow microenvironment. <i>Pflugers Archiv European Journal of Physiology</i> , 2016, 468, 919-932.	2.8	25
14	STAT3:FOXM1 and MCT1 drive uterine cervix carcinoma fitness to a lactate-rich microenvironment. <i>Tumor Biology</i> , 2016, 37, 5385-5395.	1.8	18
15	LDL-Cholesterol Increases the Transcytosis of Molecules through Endothelial Monolayers. <i>PLoS ONE</i> , 2016, 11, e0163988.	2.5	6
16	Inoculated Cell Density as a Determinant Factor of the Growth Dynamics and Metastatic Efficiency of a Breast Cancer Murine Model. <i>PLoS ONE</i> , 2016, 11, e0165817.	2.5	31
17	Does Hypoxic Response Mediate Primary Resistance to Sunitinib in Untreated Locally Advanced Breast Cancer?. <i>Current Cancer Drug Targets</i> , 2016, 17, 62-73.	1.6	3
18	LDL-cholesterol signaling induces breast cancer proliferation and invasion. <i>Lipids in Health and Disease</i> , 2014, 13, 16.	3.0	111

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19	Plasma level of LDL-cholesterol at diagnosis is a predictor factor of breast tumor progression. <i>BMC Cancer</i> , 2014, 14, 132.	2.6	103
20	Physical health outcomes in prisoners with intellectual disability: a cross-sectional study. <i>Journal of Intellectual Disability Research</i> , 2013, 57, 1191-1196.	2.0	25
21	miR-363-5p regulates endothelial cell properties and their communication with hematopoietic precursor cells. <i>Journal of Hematology and Oncology</i> , 2013, 6, 87.	17.0	22
22	Bone Marrow-Derived CD11b+Jagged2+ Cells Promote Epithelial-to-Mesenchymal Transition and Metastasis in Colorectal Cancer. <i>Cancer Research</i> , 2013, 73, 4233-4246.	0.9	22
23	Doxorubicin vs. Idirubicin: methods for improving osteosarcoma treatment. <i>Mini-Reviews in Medicinal Chemistry</i> , 2012, 12, 1239-1249.	2.4	5
24	Endothelial progenitor cells and integrins: adhesive needs. <i>Fibrogenesis and Tissue Repair</i> , 2012, 5, 4.	3.4	109
25	Context- and Cell-Dependent Effects of Delta-Like 4 Targeting in the Bone Marrow Microenvironment. <i>PLoS ONE</i> , 2012, 7, e52450.	2.5	7
26	Gomes AL, Carvalho T, Serpa J, Torre C, Dias S. Hypercholesterolemia promotes bone marrow cell mobilization by perturbing the SDF-1:CXCR4 axis. <i>Blood</i> . 2010;115(19):3886-3894. <i>Blood</i> , 2011, 118, 5060-5063.	1.4	0
27	The role of fibrin E on the modulation of endothelial progenitors adhesion, differentiation and angiogenic growth factor production and the promotion of wound healing. <i>Biomaterials</i> , 2011, 32, 7096-7105.	11.4	67
28	Loss or Inhibition of Stromal-Derived PlGF Prolongs Survival of Mice with Imatinib-Resistant Bcr-Abl1+ Leukemia. <i>Cancer Cell</i> , 2011, 19, 740-753.	16.8	124
29	Metabolic cues from the microenvironment act as a major selective factor for cancer progression and metastases formation. <i>Cell Cycle</i> , 2011, 10, 180-181.	2.6	10
30	Cholesterol Regulates VEGFR-1 (FLT-1) Expression and Signaling in Acute Leukemia Cells. <i>Molecular Cancer Research</i> , 2011, 9, 215-224.	3.4	18
31	Bone Marrow-Derived Endothelial Progenitors Expressing Delta-Like 4 (Dll4) Regulate Tumor Angiogenesis. <i>PLoS ONE</i> , 2011, 6, e18323.	2.5	14
32	Hypercholesterolemia promotes bone marrow cell mobilization by perturbing the SDF-1:CXCR4 axis. <i>Blood</i> , 2010, 115, 3886-3894.	1.4	96
33	TNF- $\alpha$ Regulates the Effects of Irradiation in the Mouse Bone Marrow Microenvironment. <i>PLoS ONE</i> , 2010, 5, e8980.	2.5	37
34	Butyrate-rich Colonic Microenvironment Is a Relevant Selection Factor for Metabolically Adapted Tumor Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 39211-39223.	3.4	66
35	VEGF Promotes Malaria-Associated Acute Lung Injury in Mice. <i>PLoS Pathogens</i> , 2010, 6, e1000916.	4.7	89
36	Endothelial Progenitor Cells: Hope Beyond Controversy. <i>Current Cancer Drug Targets</i> , 2010, 10, 914-921.	1.6	14

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37	Communication between bone marrow niches in normal bone marrow function and during hemopathies progression. <i>Hematology Reports</i> , 2009, 1, 14.	0.8	2
38	BCL-6 Oncoprotein in Breast Cancer: Loss of Expression in Disease Progression. <i>Pathobiology</i> , 2009, 76, 235-242.	3.8	14
39	MicroRNA expression profiling in bone marrow: Implications in hematological malignancies. <i>Biotechnology Journal</i> , 2009, 4, 88-97.	3.5	7
40	Microenvironment Changes (in pH) Affect VEGF Alternative Splicing. <i>Cancer Microenvironment</i> , 2008, 1, 131-139.	3.1	49
41	Detailed molecular characterization of cord blood-derived endothelial progenitors. <i>Experimental Hematology</i> , 2008, 36, 193.e1-193.e15.	0.4	33
42	VEGF signaling on hematopoietic precursors restricts B-lymphoid commitment in vitro and in vivo. <i>Experimental Hematology</i> , 2008, 36, 1329-1336.e3.	0.4	9
43	Chemo-angiogenic profile of bovine urinary bladder tumors distinguishes urothelial carcinomas from hemangiosarcomas. <i>Veterinary Immunology and Immunopathology</i> , 2008, 121, 344-358.	1.2	6
44	Endothelial Progenitors in Vascular Repair and Angiogenesis: How Many are Needed and What to do?. <i>Cardiovascular &amp; Hematological Disorders Drug Targets</i> , 2008, 8, 185-192.	0.7	44
45	Endothelial progenitor cells are cellular hubs essential for neoangiogenesis of certain aggressive adenocarcinomas and metastatic transition but not adenomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, E54; author reply E55.	7.1	51
46	Notch Pathway Modulation on Bone Marrow-Derived Vascular Precursor Cells Regulates Their Angiogenic and Wound Healing Potential. <i>PLoS ONE</i> , 2008, 3, e3752.	2.5	37
47	Cholesterol Promotes Acute Leukemia Progression through Systemic but Selective Endothelial Cell Activation.. <i>Blood</i> , 2008, 112, 1887-1887.	1.4	0
48	Susceptibility towards Irradiation-Induced Bone Marrow (BM) Dysplasia in Vivo Is Determined by the BM Vasculogenic Phenotype: Correlation with MDS Patients BM Samples. <i>Blood</i> , 2008, 112, 3638-3638.	1.4	7
49	Cholesterol Rich-Domains Regulate VEGFR-1 (FLT-1) Expression and Signaling in Acute Leukemia Cells. <i>Blood</i> , 2008, 112, 5315-5315.	1.4	0
50	Autocrine VEGF loops, signaling pathways, and acute leukemia regulation. <i>Leukemia and Lymphoma</i> , 2007, 48, 481-488.	1.3	25
51	Characterization and clinical relevance of circulating and biopsy-derived endothelial progenitor cells in lymphoma patients. <i>Haematologica</i> , 2007, 92, 469-477.	3.5	61
52	VEGF/PLGF induces leukemia cell migration via P38/ERK1/2 kinase pathway, resulting in Rho GTPases activation and caveolae formation. <i>Leukemia</i> , 2007, 21, 1590-1594.	7.2	35
53	VEGF and VEGFR-2 (KDR) internalization is required for endothelial recovery during wound healing. <i>Experimental Cell Research</i> , 2007, 313, 1561-1574.	2.6	119
54	VEGFR-1 (FLT-1) activation modulates acute lymphoblastic leukemia localization and survival within the bone marrow, determining the onset of extramedullary disease. <i>Blood</i> , 2006, 107, 1608-1616.	1.4	95

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55	Expression and function of the chemokine receptor CCR7 in thyroid carcinomas. <i>Journal of Endocrinology</i> , 2006, 191, 229-238.	2.6	56
56	Cytokine Preconditioning Promotes Codifferentiation of Human Fetal Liver CD133+Stem Cells Into Angiomyogenic Tissue. <i>Circulation</i> , 2005, 111, 1175-1183.	1.6	58
57	Expression of vascular endothelial growth factor (VEGF) and its receptors in thyroid carcinomas of follicular origin: a potential autocrine loop. <i>European Journal of Endocrinology</i> , 2005, 153, 701-709.	3.7	68
58	VEGF Regulates Leukemia Migration Via FLT-1, Involving Pi3 Kinase, RhoA and Rac1 Activation and Lipid Rafts Formation.. <i>Blood</i> , 2005, 106, 864-864.	1.4	1
59	Chemokine-mediated interaction of hematopoietic progenitors with the bone marrow vascular niche is required for thrombopoiesis. <i>Nature Medicine</i> , 2004, 10, 64-71.	30.7	697
60	Internal and external autocrine VEGF/KDR loops regulate survival of subsets of acute leukemia through distinct signaling pathways. <i>Blood</i> , 2004, 103, 3883-3889.	1.4	159
61	Kaposi's sarcoma associated herpesvirus G protein-coupled receptor immortalizes human endothelial cells by activation of the VEGF receptor-2/ KDR. <i>Cancer Cell</i> , 2003, 3, 131-143.	16.8	221
62	Optimized culture conditions for the generation of dendritic cells from peripheral blood monocytes. <i>Vox Sanguinis</i> , 2003, 84, 228-236.	1.5	25
63	Inhibition of human leukemia in an animal model with human antibodies directed against vascular endothelial growth factor receptor 2. Correlation between antibody affinity and biological activity. <i>Leukemia</i> , 2003, 17, 604-611.	7.2	161
64	Contribution of marrow-derived progenitors to vascular and cardiac regeneration. <i>Seminars in Cell and Developmental Biology</i> , 2002, 13, 61-67.	5.0	135
65	VEGF165 promotes survival of leukemic cells by Hsp90-mediated induction of Bcl-2 expression and apoptosis inhibition. <i>Blood</i> , 2002, 99, 2532-2540.	1.4	238
66	Recruitment of Stem and Progenitor Cells from the Bone Marrow Niche Requires MMP-9 Mediated Release of Kit-Ligand. <i>Cell</i> , 2002, 109, 625-637.	28.9	1,630
67	Vascular endothelial growth factor (VEGF)â€™C signaling through FLT-4 (VEGFR-3) mediates leukemic cell proliferation, survival, and resistance to chemotherapy. <i>Blood</i> , 2002, 99, 2179-2184.	1.4	241
68	Placental growth factor reconstitutes hematopoiesis by recruiting VEGFR1+ stem cells from bone-marrow microenvironment. <i>Nature Medicine</i> , 2002, 8, 841-849.	30.7	602
69	Clonal Variation in Phenotype and Life Span of Human Embryonic Fibroblasts (MRC-5) Transduced with the Catalytic Component of Telomerase (hTERT). <i>Experimental Cell Research</i> , 2001, 268, 14-25.	2.6	31
70	Inhibition of both paracrine and autocrine VEGF/ VEGFR-2 signaling pathways is essential to induce long-term remission of xenotransplanted human leukemias. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 10857-10862.	7.1	254
71	The Role of CXC Chemokines in the Regulation of Tumor Angiogenesis. <i>Cancer Investigation</i> , 2001, 19, 732-738.	1.3	26
72	Impaired recruitment of bone-marrowâ€™derived endothelial and hematopoietic precursor cells blocks tumor angiogenesis and growth. <i>Nature Medicine</i> , 2001, 7, 1194-1201.	30.7	1,784

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73	Anagrelide metabolite induces thrombocytopenia in mice by inhibiting megakaryocyte maturation without inducing platelet aggregation. <i>Experimental Hematology</i> , 2001, 29, 1417-1424.	0.4	16
74	Vascular Endothelial Growth Factor and Angiopoietin-1 Stimulate Postnatal Hematopoiesis by Recruitment of Vasculogenic and Hematopoietic Stem Cells. <i>Journal of Experimental Medicine</i> , 2001, 193, 1005-1014.	8.5	646
75	Vascular Trauma Induces Rapid but Transient Mobilization of VEGFR2 <sup>+</sup> AC133 <sup>+</sup> Endothelial Precursor Cells. <i>Circulation Research</i> , 2001, 88, 167-174.	4.5	777
76	Infection of Endothelium With E1 <sup>+</sup> E4 <sup>+</sup> , but Not E1 <sup>+</sup> E4 <sup>-</sup> , Adenovirus Gene Transfer Vectors Enhances Leukocyte Adhesion and Migration by Modulation of ICAM-1, VCAM-1, CD34, and Chemokine Expression. <i>Circulation Research</i> , 2001, 88, 903-910.	4.5	32
77	Mobilization of Endothelial and Hematopoietic Stem and Progenitor Cells by Adenovector-Mediated Elevation of Serum Levels of SDF-1, VEGF, and Angiopoietin-1. <i>Annals of the New York Academy of Sciences</i> , 2001, 938, 36-47.	3.8	251
78	Autocrine stimulation of VEGFR-2 activates human leukemic cell growth and migration. <i>Journal of Clinical Investigation</i> , 2000, 106, 511-521.	8.2	384
79	Stromal-derived factor 1-induced megakaryocyte migration and platelet production is dependent on matrix metalloproteinases. <i>Blood</i> , 2000, 96, 4152-4159.	1.4	152
80	Arsenic trioxide induces dose- and time-dependent apoptosis of endothelium and may exert an antileukemic effect via inhibition of angiogenesis. <i>Blood</i> , 2000, 96, 1525-1530.	1.4	255
81	Exploiting changes in the tumour microenvironment with sequential cytokine and matrix metalloprotease inhibitor treatment in a murine breast cancer model. <i>British Journal of Cancer</i> , 2000, 83, 1538-1543.	6.4	15
82	Stromal-derived factor 1-induced megakaryocyte migration and platelet production is dependent on matrix metalloproteinases. <i>Blood</i> , 2000, 96, 4152-9.	1.4	40
83	Multiple molecular and cellular changes associated with tumour stasis and regression during IL-12 therapy of a murine breast cancer model. , 1998, 75, 151-157.		41
84	IL-12 regulates VEGF and MMPs in a murine breast cancer model. <i>International Journal of Cancer</i> , 1998, 78, 361-365.	5.1	115