Rene Rodriguez

List of Publications by Year
in descending order

54	2,550	186209 28	189801 50
papers	citations	h-index	g-index

54	54	54	4009
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Osteosarcoma: Cells-of-Origin, Cancer Stem Cells, and Targeted Therapies. Stem Cells International, 2016, 2016, 1-13.	1.2	164
2	Chk1 and p21 Cooperate to Prevent Apoptosis during DNA Replication Fork Stress. Molecular Biology of the Cell, 2006, 17, 402-412.	0.9	163
3	Sarcoma treatment in the era of molecular medicine. EMBO Molecular Medicine, 2020, 12, e11131.	3.3	154
4	Bone microenvironment signals in osteosarcoma development. Cellular and Molecular Life Sciences, 2015, 72, 3097-3113.	2.4	147
5	Mesenchymal stem cells and their use as cell replacement therapy and disease modelling tool. Journal of Cellular and Molecular Medicine, 2008, 12, 2552-2565.	1.6	129
6	Modeling sarcomagenesis using multipotent mesenchymal stem cells. Cell Research, 2012, 22, 62-77.	5.7	125
7	Enrichment of Human ESC-Derived Multipotent Mesenchymal Stem Cells with Immunosuppressive and Anti-Inflammatory Properties Capable to Protect Against Experimental Inflammatory Bowel Disease. Stem Cells, 2011, 29, 251-262.	1.4	119
8	ATR and Chk1 Suppress a Caspase-3â€“Dependent Apoptotic Response Following DNA Replication Stress. PLoS Genetics, 2009, 5, e1000324.	1.5	109
9	Bone marrow mesenchymal stem cells from infants with MLL-AF4+ acute leukemia harbor and express the MLL-AF4 fusion gene. Journal of Experimental Medicine, 2009, 206, 3131-3141.	4.2	109
10	Deficiency in p53 but not Retinoblastoma Induces the Transformation of Mesenchymal Stem Cells In vitro and Initiates Leiomyosarcoma In vivo. Cancer Research, 2010, 70, 4185-4194.	0.4	96
11	Loss of p53 Induces Tumorigenesis in p21-Deficient Mesenchymal Stem Cells. Neoplasia, 2009, 11, 397-IN9.	2.3	89
12	Bone Environment is Essential for Osteosarcoma Development from Transformed Mesenchymal Stem Cells. Stem Cells, 2014, 32, 1136-1148.	1.4	89
13	The differentiation stage of p53-Rb-deficient bone marrow mesenchymal stem cells imposes the phenotype of in vivo sarcoma development. Oncogene, 2013, 32, 4970-4980.	2.6	79
14	Insights into the cellular origin and etiology of the infant pro-B acute lymphoblastic leukemia with MLL-AF4 rearrangement. Leukemia, 2011, 25, 400-410.	3.3	65
15	Residual Expression of the Reprogramming Factors Prevents Differentiation of iPSC Generated from Human Fibroblasts and Cord Blood CD34+ Progenitors. PLoS ONE, 2012, 7, e35824.	1.1	61
16	Pyruvate Plays a Main Role in the Antitumoral Selectivity of Cold Atmospheric Plasma in Osteosarcoma. Scientific Reports, 2019, 9, 10681.	1.6	61
17	Expression of FUS-CHOP fusion protein in immortalized/transformed human mesenchymal stem cells drives mixoid liposarcoma formation. Stem Cells, 2013, 31, 2061-2072.	1.4	59
18	FUS-CHOP Fusion Protein Expression Coupled to p53 Deficiency Induces Liposarcoma in Mouse but Not in Human Adipose-Derived Mesenchymal Stem/Stromal Cells. Stem Cells, 2011, 29, 179-192.	1.4	57

#	Article	IF	Citations
19	Inactivation of p53 in Human Keratinocytes Leads to Squamous Differentiation and Shedding via Replication Stress and Mitotic Slippage. Cell Reports, 2014, 9, 1349-1360.	2.9	48
20	Sarcoma Stem Cell Heterogeneity. Advances in Experimental Medicine and Biology, 2019, 1123, 95-118.	0.8	41
21	Inhibition of SP1 by the mithramycin analog EC-8042 efficiently targets tumor initiating cells in sarcoma. Oncotarget, 2016, 7, 30935-30950.	0.8	40
22	Thymidine Selectively Enhances Growth Suppressive Effects of Camptothecin/Irinotecan in MSI+ Cells and Tumors Containing a Mutation of MRE11. Clinical Cancer Research, 2008, 14, 5476-5483.	3.2	39
23	Aldh1 Expression and Activity Increase During Tumor Evolution in Sarcoma Cancer Stem Cell Populations. Scientific Reports, 2016, 6, 27878.	1.6	38
24	Apoptosis induced by replication inhibitors in Chk1-depleted cells is dependent upon the helicase cofactor Cdc45. Cell Death and Differentiation, 2008, 15, 889-898.	5.0	37
25	FUS-CHOP Promotes Invasion in Myxoid Liposarcoma through a SRC/FAK/RHO/ROCK-Dependent Pathway. Neoplasia, 2018, 20, 44-56.	2.3	35
26	Human Bone Marrow Stromal Cells Lose Immunosuppressive and Anti-inflammatory Properties upon Oncogenic Transformation. Stem Cell Reports, 2014, 3, 606-619.	2.3	33
27	Multipotent Mesenchymal Stromal Cells: Clinical Applications and Cancer Modeling. Advances in Experimental Medicine and Biology, 2012, 741, 187-205.	0.8	32
28	Polyinosinic acid induces TNF and NO production as well as NF-Î¹B and AP-1 transcriptional activation in the monocytemacrophage cell line RAW 264.7. Inflammation Research, 2005, 54, 328-337.	1.6	31
29	DNA replication stress in CHK1-depleted tumour cells triggers premature (S-phase) mitosis through inappropriate activation of Aurora kinase B. Cell Death and Disease, 2014, 5, e1253-e1253.	2.7	27
30	Cancer Stem Cells as a Source of Drug Resistance in Bone Sarcomas. Journal of Clinical Medicine, 2021, 10, 2621.	1.0	23
31	Trabectedin and Campthotecin Synergistically Eliminate Cancer Stem Cells in Cell-of-Origin Sarcoma Models. Neoplasia, 2017, 19, 460-470.	2.3	22
32	SOX2 Expression and Transcriptional Activity Identifies a Subpopulation of Cancer Stem Cells in Sarcoma with Prognostic Implications. Cancers, 2020, 12, 964.	1.7	21
33	The Globoseries Glycosphingolipid SSEA-4 Is a Marker of Bone Marrow-Derived Clonal Multipotent Stromal Cells In Vitro and In Vivo. Stem Cells and Development, 2013, 22, 1387-1397.	1.1	20
34	New Chondrosarcoma Cell Lines with Preserved Stem Cell Properties to Study the Genomic Drift During In Vitro/In Vivo Growth. Journal of Clinical Medicine, 2019, 8, 455.	1.0	18
35	Impaired Condensin Complex and Aurora B kinase underlie mitotic and chromosomal defects in hyperdiploid B-cell ALL. Blood, 2020, 136, 313-327.	0.6	16
36	Distinctive Expression and Amplification of Genes at 11q13 in Relation to HPV Status with Impact on Survival in Head and Neck Cancer Patients. Journal of Clinical Medicine, 2018, 7, 501.	1.0	15

#	Article	IF	Citations
37	GARP promotes the proliferation and therapeutic resistance of bone sarcoma cancer cells through the activation of TGF-Î². Cell Death and Disease, 2020, 11, 985.	2.7	14
38	The SRC Inhibitor Dasatinib Induces Stem Cell-Like Properties in Head and Neck Cancer Cells that are Effectively Counteracted by the Mithralog EC-8042. Journal of Clinical Medicine, 2019, 8, 1157.	1.0	12
39	The multikinase inhibitor ECâ€70124 synergistically increased the antitumor activity of doxorubicin in sarcomas. International Journal of Cancer, 2019, 145, 254-266.	2.3	12
40	Effect of Vinca alkaloids on ERÎ± levels and Estradiol-induced responses in MCF-7 cells. Breast Cancer Research and Treatment, 2006, 98, 81-89.	1.1	11
41	Isolation and characterization ofnudCfrom mouse macrophages, a gene implicated in the inflammatory response through the regulation of PAF-AH(I) activity. FEBS Letters, 2007, 581, 3057-3062.	1.3	11
42	Role of Activator Protein-1 Complex on the Phenotype of Human Osteosarcomas Generated from Mesenchymal Stem Cells. Stem Cells, 2018, 36, 1487-1500.	1.4	11
43	Mithramycin delivery systems to develop effective therapies in sarcomas. Journal of Nanobiotechnology, 2021, 19, 267.	4.2	11
44	The Differential Impact of SRC Expression on the Prognosis of Patients with Head and Neck Squamous Cell Carcinoma. Cancers, 2019, 11, 1644.	1.7	9
45	The Mouse Tumor Necrosis Factor Receptor 2 Gene: Genomic Structure and Characterization of the Two Transcripts. Genomics, 1998, 52, 79-89.	1.3	8
46	The Novel Role of SOX2 as an Early Predictor of Cancer Risk in Patients with Laryngeal Precancerous Lesions. Cancers, 2019, 11, 286.	1.7	8
47	Nano-Encapsulation of Mithramycin in Transfersomes and Polymeric Micelles for the Treatment of Sarcomas. Journal of Clinical Medicine, 2021, 10, 1358.	1.0	8
48	Circulating cancer cells in division in an early breast cancer patient. Annals of Oncology, 2011, 22, 2150-2151.	0.6	7
49	TNF triggers mitogenic signals in NIH 3T3 cells but induces apoptosis when the cell cycle is blocked. European Cytokine Network, 2007, 18, 172-80.	1.1	5
50	Addressing Doxorubicin Resistance in Bone Sarcomas Using Novel Drug-Resistant Models. International Journal of Molecular Sciences, 2022, 23, 6425.	1.8	5
51	Proof of concept for the useÂof trained sniffer dogs to detect osteosarcoma. Scientific Reports, 2022, 12, 6911.	1.6	4
52	SOX2 Expression and Transcriptional Activity Identifies a Subpopulation of Cancer Stem Cells in Sarcoma with Prognostic Implications. SSRN Electronic Journal, 0, , .	0.4	3
53	Candidate biomarkers of transformed mesenchymal stromal/stem cells by quantitative proteomics and glycoproteomics. Experimental Hematology, 2016, 44, S86-S87.	0.2	0
54	Cancer stem cells and clonal evolution in bone sarcomas. , 2022, , 371-391.		0