Gonzalo Sanchez Duffhues

List of Publications by Year
in descending order

49 papers	2,316 citations	236833 25 h-index	233338 45 g-index
50 all docs	50 docs citations	50 times ranked	3918 citing authors

#	Article	IF	Citations
1	TGF-Î²-Induced Endothelial-Mesenchymal Transition in Fibrotic Diseases. International Journal of Molecular Sciences, 2017, 18, 2157.	1.8	249
2	BMP signaling in vascular diseases. FEBS Letters, 2012, 586, 1993-2002.	1.3	236
3	Bone morphogenetic protein signaling in bone homeostasis. Bone, 2015, 80, 43-59.	1.4	163
4	Bone morphogenetic protein receptor signal transduction in human disease. Journal of Pathology, 2019, 247, 9-20.	2.1	151
5	TGF-Î²-Induced Endothelial to Mesenchymal Transition in Disease and Tissue Engineering. Frontiers in Cell and Developmental Biology, 2020, 8, 260.	1.8	133
6	Inflammation induces endothelialâ€toâ€mesenchymal transition and promotes vascular calcification through downregulation of BMPR2. Journal of Pathology, 2019, 247, 333-346.	2.1	123
7	Endothelialâ€toâ€mesenchymal transition in cardiovascular diseases: Developmental signaling pathways gone awry. Developmental Dynamics, 2018, 247, 492-508.	0.8	120
8	Bryostatin-1 Synergizes with Histone Deacetylase Inhibitors to Reactivate HIV-1 from Latency. Current HIV Research, 2010, 8, 418-429.	0.2	107
9	The therapeutic potential of targeting the endothelial-to-mesenchymal transition. Angiogenesis, 2019, 22, 3-13.	3.7	77
10	Bone morphogenetic protein 6 and oxidized low-density lipoprotein synergistically recruit osteogenic differentiation in endothelial cells. Cardiovascular Research, 2015, 108, 278-287.	1.8	73
11	Differential effects of phorbol-13-monoesters on human immunodeficiency virus reactivation. Biochemical Pharmacology, 2008, 75, 1370-1380.	2.0	71
12	Bone morphogenetic protein receptors: Structure, function and targeting by selective small molecule kinase inhibitors. Bone, 2020, 138, 115472.	1.4	65
13	Denbinobin inhibits nuclear factor-Î°B and induces apoptosis via reactive oxygen species generation in human leukemic cells. Biochemical Pharmacology, 2009, 77, 1401-1409.	2.0	62
14	In Brief: Endothelialâ€toâ€mesenchymal transition. Journal of Pathology, 2016, 238, 378-380.	2.1	57
15	Mutant ACVR1 Arrests Glial Cell Differentiation to Drive Tumorigenesis in Pediatric Gliomas. Cancer Cell, 2020, 37, 308-323.e12.	7.7	56
16	A Meroterpenoid NF-Î°B Inhibitor and Drimane Sesquiterpenoids from Asafetida. Journal of Natural Products, 2006, 69, 1101-1104.	1.5	47
17	Dissecting the Pharmacophore of Curcumin. Which Structural Element Is Critical for Which Action?. Journal of Natural Products, 2013, 76, 1105-1112.	1.5	46
18	Effects of diterpenes from latex of Euphorbia lactea and Euphorbia laurifolia on human immunodeficiency virus type 1 reactivation. Phytochemistry, 2010, 71, 243-248.	1.4	44

#	Article	IF	Citations
19	SLUG Is Expressed in Endothelial Cells Lacking Primary Cilia to Promote Cellular Calcification. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 616-627.	1.1	44
20	Activation of Latent HIV-1 Expression by Protein Kinase C Agonists. A Novel Therapeutic Approach to Eradicate HIV-1 Reservoirs. Current Drug Targets, 2011, 12, 348-356.	1.0	38
21	Denbinobin, a naturally occurring 1,4-phenanthrenequinone, inhibits HIV-1 replication through an NF-Î²B-dependent pathway. Biochemical Pharmacology, 2008, 76, 1240-1250.	2.0	37
22	Involvement of inflammation and its related microRNAs in hepatocellular carcinoma. Oncotarget, 2017, 8, 22145-22165.	0.8	34
23	Endothelium-derived stromal cells contribute to hematopoietic bone marrow niche formation. Cell Stem Cell, 2021, 28, 653-670.e11.	5.2	31
24	Antisense-Oligonucleotide Mediated Exon Skipping in Activin-Receptor-Like Kinase 2: Inhibiting the Receptor That Is Overactive in Fibrodysplasia Ossificans Progressiva. PLoS ONE, 2013, 8, e69096.	1.1	30
25	Combination of Biological Screening in a Cellular Model of Viral Latency and Virtual Screening Identifies Novel Compounds That Reactivate HIV-1. Journal of Virology, 2012, 86, 3795-3808.	1.5	28
26	Development of Macrocycle Kinase Inhibitors for ALK2 Using Fibrodysplasia Ossificans Progressivaâ€Derived Endothelial Cells. JBMR Plus, 2019, 3, e10230.	1.3	26
27	Exacerbated inflammatory signaling underlies aberrant response to BMP9 in pulmonary arterial hypertension lung endothelial cells. Angiogenesis, 2020, 23, 699-714.	3.7	22
28	Clinical Utility Gene Card for: Fibrodysplasia ossificans progressiva. European Journal of Human Genetics, 2015, 23, 1431-1431.	1.4	18
29	TGF-Î²-Induced Endothelial to Mesenchymal Transition Is Determined by a Balance Between SNAIL and ID Factors. Frontiers in Cell and Developmental Biology, 2021, 9, 616610.	1.8	18
30	Osteochondromas in fibrodysplasia ossificans progressiva: a widespread trait with a streaking but overlooked appearance when arising at femoral bone end. Rheumatology International, 2015, 35, 1759-1767.	1.5	17
31	Fibrodysplasia Ossificans Progressiva: What Have We Achieved and Where Are We Now? Follow-up to the 2015 Lorentz Workshop. Frontiers in Endocrinology, 2021, 12, 732728.	1.5	15
32	Cripto favors chondrocyte hypertrophy via <scp>TGF</scp>â€Î² <scp>SMAD1</scp>/5 signaling during development of osteoarthritis. Journal of Pathology, 2021, 255, 330-342.	2.1	11
33	Towards a cure for Fibrodysplasia ossificans progressiva. Annals of Translational Medicine, 2016, 4, S28-S28.	0.7	10
34	Challenges and Opportunities for Drug Repositioning in Fibrodysplasia Ossificans Progressiva. Biomedicines, 2021, 9, 213.	1.4	8
35	Generation of Fibrodysplasia ossificans progressiva and control integration free iPSC lines from periodontal ligament fibroblasts. Stem Cell Research, 2019, 41, 101639.	0.3	7
36	The 73ÂkDa Subunit of the CPSF Complex Binds to the HIV-1 LTR Promoter and Functions as a Negative Regulatory Factor that Is Inhibited by the HIV-1 Tat Protein. Journal of Molecular Biology, 2007, 372, 317-330.	2.0	6

#	Article	IF	Citations
37	Endothelial Colony Forming Cells as an Autologous Model to Study Endothelial Dysfunction in Patients with a Bicuspid Aortic Valve. International Journal of Molecular Sciences, 2019, 20, 3251.	1.8	6
38	HIV-1-Tat potentiates CXCL12/Stromal Cell-Derived Factor 1-induced downregulation of membrane CXCR4 in T lymphocytes through Protein kinase C zeta. Molecular Immunology, 2008, 46, 106-115.	1.0	5
39	TGF-β-mediated Endothelial to Mesenchymal Transition (EndMT) and the Functional Assessment of EndMT Effectors using CRISPR/Cas9 Gene Editing. Journal of Visualized Experiments, 2021, , .	0.2	5
40	Â¿Es la Â«fibrodisplasia osificante progresivaÂ» una enfermedad de origen vascular? Un modelo patogÃ©nico innovador. ReumatologÃa ClÃnica, 2014, 10, 389-395.	0.2	4
41	Inhibiting Endothelial Cell Function in Normal and Tumor Angiogenesis Using BMP Type I Receptor Macrocyclic Kinase Inhibitors. Cancers, 2021, 13, 2951.	1.7	4
42	Is â€œFibrodysplasia Ossificans Progressivaâ€•a Vascular Disease? A Groundbreaking Pathogenic Model. ReumatologÃa ClÃnica (English Edition), 2014, 10, 389-395.	0.2	3
43	Signal Transduction: Gain of Activin Turns Muscle into Bone. Current Biology, 2015, 25, R1136-R1138.	1.8	3
44	Development of small macrocyclic kinase inhibitors. Future Medicinal Chemistry, 2022, 14, 389-391.	1.1	3
45	Emerging regulators of BMP bioavailability. Bone, 2016, 93, 220-221.	1.4	1
46	P177Inflammation-induced EndMT facilitates BMP-9-mediated vascular calcification in a BMP type II receptor (BMPR2) dependent manner. Cardiovascular Research, 2018, 114, S47-S47.	1.8	0
47	Processed coffee alleviates DSS-induced colitis in mice. Functional Foods in Health and Disease, 2013, 3, 133.	0.3	0
48	Activin A and ALK4 Identified as Novel Regulators of Epithelial to Mesenchymal Transition (EMT) in Human Epicardial Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 765007.	1.8	0
49	Increased Bone Morphogenetic Protein 10 Activity Is Associated with Increased Right Atrial Wall Stress and Disease Severity in Pulmonary Hypertension. , 2022, , .		0