Jose Maria Carvajal-Gonzalez

List of Publications by Year
in descending order

32 papers	1,358 citations	361045 20 h-index	414034 32 g-index
32 all docs	32 docs citations	32 times ranked	2009 citing authors

#	Article	IF	Citations
1	Wg and Wnt4 provide long-range directional input to planar cell polarity orientation in Drosophila. Nature Cell Biology, 2013, 15, 1045-1055.	4.6	148
2	The Clathrin Adaptor AP-1A Mediates Basolateral Polarity. Developmental Cell, 2012, 22, 811-823.	3.1	144
3	The dioxin receptor is silenced by promoter hypermethylation in human acute lymphoblastic leukemia through inhibition of Sp1 binding. Carcinogenesis, 2006, 27, 1099-1104.	1.3	97
4	Four-dimensional live imaging of apical biosynthetic trafficking reveals a post-Golgi sorting role of apical endosomal intermediates. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4127-4132.	3.3	82
5	The Dioxin Receptor Regulates the Constitutive Expression of theVav3Proto-Oncogene and Modulates Cell Shape and Adhesion. Molecular Biology of the Cell, 2009, 20, 1715-1727.	0.9	72
6	Dioxin Receptor Deficiency Impairs Angiogenesis by a Mechanism Involving VEGF-A Depletion in the Endothelium and Transforming Growth Factor-Î² Overexpression in the Stroma. Journal of Biological Chemistry, 2009, 284, 25135-25148.	1.6	71
7	Basolateral sorting of the coxsackie and adenovirus receptor through interaction of a canonical YXXÎ¦ motif with the clathrin adaptors AP-1A and AP-1B. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3820-3825.	3.3	71
8	Fitting a xenobiotic receptor into cell homeostasis: How the dioxin receptor interacts with TGFÎ² signaling. Biochemical Pharmacology, 2009, 77, 700-712.	2.0	67
9	Genome-wide B1 retrotransposon binds the transcription factors dioxin receptor and Slug and regulates gene expression in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1632-1637.	3.3	64
10	Loss of dioxin-receptor expression accelerates wound healing in vivo by a mechanism involving TGFÎ². Journal of Cell Science, 2009, 122, 1823-1833.	1.2	58
11	Transcriptional Factor Aryl Hydrocarbon Receptor (Ahr) Controls Cardiovascular and Respiratory Functions by Regulating the Expression of the Vav3 Proto-oncogene. Journal of Biological Chemistry, 2011, 286, 2896-2909.	1.6	57
12	The kinesin KIF16B mediates apical transcytosis of transferrin receptor in AP-1B-deficient epithelia. EMBO Journal, 2013, 32, 2125-2139.	3.5	57
13	Mechanism of polarized lysosome exocytosis in epithelial cells. Journal of Cell Science, 2012, 125, 5937-5943.	1.2	48
14	The absence of a clathrin adapter confers unique polarity essential to proximal tubule function. Kidney International, 2010, 78, 382-388.	2.6	45
15	Mechanisms of planar cell polarity establishment in Drosophila. F1000prime Reports, 2014, 6, 98.	5.9	38
16	Recruitment of CREB1 and Histone Deacetylase 2 (HDAC2) to the Mouse Ltbp-1 Promoter Regulates its Constitutive Expression in a Dioxin Receptor-dependent Manner. Journal of Molecular Biology, 2008, 380, 1-16.	2.0	36
17	Centriole positioning in epithelial cells and its intimate relationship with planar cell polarity. BioEssays, 2016, 38, 1234-1245.	1.2	32
18	The clathrin adaptor AP-1 complex and Arf1 regulate planar cell polarity in vivo. Nature Communications, 2015, 6, 6751.	5.8	31

#	Article	IF	Citations
19	Positioning of centrioles is a conserved readout of Frizzled planar cell polarity signalling. Nature Communications, 2016, 7, 11135.	5.8	29
20	The dioxin receptor controls Î²1 integrin activation in fibroblasts through a Cbpâ€“Cskâ€“Src pathway. Cellular Signalling, 2013, 25, 848-859.	1.7	27
21	The Dioxin receptor modulates Caveolin-1 mobilization during directional migration: role of cholesterol. Cell Communication and Signaling, 2014, 12, 57.	2.7	15
22	Basolateral sorting of chloride channel 2 is mediated by interactions between a dileucine motif and the clathrin adaptor AP-1. Molecular Biology of the Cell, 2015, 26, 1728-1742.	0.9	13
23	BMAL1 coordinates energy metabolism and differentiation of pluripotent stem cells. Life Science Alliance, 2020, 3, e201900534.	1.3	11
24	Centriole Positioning: Not Just a Little Dot in the Cell. Results and Problems in Cell Differentiation, 2019, 67, 201-221.	0.2	9
25	p53 regulation by MDM2 contributes to selfâ€renewal and differentiation of basal stem cells in mouse and human airway epithelium. FASEB Journal, 2021, 35, e21816.	0.2	8
26	A Novel Frizzled-Based Screening Tool Identifies Genetic Modifiers of Planar Cell Polarity inDrosophilaWings. G3: Genes, Genomes, Genetics, 2016, 6, 3963-3973.	0.8	6
27	Junctional Adhesion Molecule 3 Expression in the Mouse Airway Epithelium Is Linked to Multiciliated Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 622515.	1.8	6
28	Centriole planar polarity assessment in Drosophila wings. Development (Cambridge), 2018, 145, .	1.2	5
29	It takes two to tango to the melanosome. Journal of Cell Biology, 2009, 187, 161-163.	2.3	4
30	Distribution of planar cell polarity proteins in the developing avian retina. Experimental Eye Research, 2021, 209, 108681.	1.2	3
31	Mechanism of polarized lysosome exocytosis in epithelial cells. Journal of Cell Science, 2013, 126, 5086-5086.	1.2	2
32	Diminished Expression of Fat and Dachsous PCP Proteins Impaired Centriole Planar Polarization in Drosophila. Frontiers in Genetics, 2019, 10, 328.	1.1	2