Francesc R Garcia-Gonzalo

List of Publications by Year
in descending order

26 papers	2,851 citations	567281 15 h-index	677142 22 g-index
28 all docs	28 docs citations	28 times ranked	3594 citing authors

#	Article	IF	Citations
1	A transition zone complex regulates mammalian ciliogenesis and ciliary membrane composition. Nature Genetics, 2011, 43, 776-784.	21.4	556
2	Mapping the NPHP-JBTS-MKS Protein Network Reveals Ciliopathy Disease Genes and Pathways. Cell, 2011, 145, 513-528.	28.9	531
3	Phosphoinositides Regulate Ciliary Protein Trafficking to Modulate Hedgehog Signaling. Developmental Cell, 2015, 34, 400-409.	7.0	274
4	Scoring a backstage pass: Mechanisms of ciliogenesis and ciliary access. Journal of Cell Biology, 2012, 197, 697-709.	5.2	221
5	Open Sesame: How Transition Fibers and the Transition Zone Control Ciliary Composition. Cold Spring Harbor Perspectives in Biology, 2017, 9, a028134.	5.5	218
6	TSC1 Stabilizes TSC2 by Inhibiting the Interaction between TSC2 and the HERC1 Ubiquitin Ligase*. Journal of Biological Chemistry, 2006, 281, 8313-8316.	3.4	195
7	Albumin-Associated Lipids Regulate Human Embryonic Stem Cell Self-Renewal. PLoS ONE, 2008, 3, e1384.	2.5	158
8	The RCC1 superfamily: From genes, to function, to disease. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 1467-1479.	4.1	116
9	Cilia-Associated Oxysterols Activate Smoothened. Molecular Cell, 2018, 72, 316-327.e5.	9.7	100
10	MKS5 and CEP290 Dependent Assembly Pathway of the Ciliary Transition Zone. PLoS Biology, 2016, 14, e1002416.	5.6	98
11	TMEM231, mutated in orofaciodigital and Meckel syndromes, organizes the ciliary transition zone. Journal of Cell Biology, 2015, 209, 129-142.	5.2	95
12	The HERC proteins: functional and evolutionary insights. Cellular and Molecular Life Sciences, 2005, 62, 1826-1838.	5.4	74
13	Conserved Genetic Interactions between Ciliopathy Complexes Cooperatively Support Ciliogenesis and Ciliary Signaling. PLoS Genetics, 2015, 11, e1005627.	3.5	71
14	Interaction between HERC1 and M2-type pyruvate kinase. FEBS Letters, 2003, 539, 78-84.	2.8	35
15	Simultaneous electrophoretic analysis of proteins of very high and low molecular weights using low-percentage acrylamide gel and a gradient SDS-PAGE gel. Electrophoresis, 2006, 27, 3935-3938.	2.4	17
16	NRF2-dependent gene expression promotes ciliogenesis and Hedgehog signaling. Scientific Reports, 2019, 9, 13896.	3.3	17
17	HTR6 and SSTR3 ciliary targeting relies on both IC3 loops and C-terminal tails. Life Science Alliance, 2021, 4, e202000746.	2.8	17
18	Requirement of phosphatidylinositol-4,5-bisphosphate for HERC1-mediated guanine nucleotide release from ARF proteins. FEBS Letters, 2005, 579, 343-348.	2.8	15

#	Article	IF	Citations
19	HTR6 and SSTR3 targeting to primary cilia. Biochemical Society Transactions, 2021, 49, 79-91.	3.4	14
20	The giant protein HERC1 is recruited to aluminum fluoride-induced actin-rich surface protrusions in HeLa cells. FEBS Letters, 2004, 559, 77-83.	2.8	9
21	The HERC1 ubiquitin ligase regulates presynaptic membrane dynamics of central synapses. Scientific Reports, 2020, 10, 12057.	3.3	9
22	NRF2 and Primary Cilia: An Emerging Partnership. Antioxidants, 2020, 9, 475.	5.1	8
23	Identification of primary cilia targeting sequences in HTR6 and SSTR3.. IBJ Plus, 0, , .	0.0	1
24	Hsd11Î²2 Is Enriched in Medulloblastoma and Generates Ciliary Oxysterols to Stimulate Hedgehog Signaling. International Journal of Radiation Oncology Biology Physics, 2016, 96, E573-E574.	0.8	0
25	Editorial: The Cytoskeleton and Cellular Compartmentation: Cilia as Specialized Cellular Domains. Frontiers in Cell and Developmental Biology, 2021, 9, 777758.	3.7	0
26	Tectonics form a transition zone complex of ciliopathy proteins that regulate ciliary composition. FASEB Journal, 2012, 26, 84.1.	0.5	0