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	HTR6 and SSTR3 targeting to primary cilia. Biochemical Society Transactions, 2021, 49, 79-91.	3.4	14
2	HTR6 and SSTR3 ciliary targeting relies on both IC3 loops and C-terminal tails. Life Science Alliance, 2021, 4, e202000746.	2.8	17
3	Editorial: The Cytoskeleton and Cellular Compartmentation: Cilia as Specialized Cellular Domains. Frontiers in Cell and Developmental Biology, 2021, 9, 777758.	3.7	0
4	The HERC1 ubiquitin ligase regulates presynaptic membrane dynamics of central synapses. Scientific Reports, 2020, 10, 12057.	3.3	9
5	NRF2 and Primary Cilia: An Emerging Partnership. Antioxidants, 2020, 9, 475.	5.1	8
6	NRF2-dependent gene expression promotes ciliogenesis and Hedgehog signaling. Scientific Reports, 2019, 9, 13896.	3.3	17
7	Cilia-Associated Oxysterols Activate Smoothened. Molecular Cell, 2018, 72, 316-327.e5.	9.7	100
8	Open Sesame: How Transition Fibers and the Transition Zone Control Ciliary Composition. Cold Spring Harbor Perspectives in Biology, 2017, 9, a028134.	5.5	218
9	MKS5 and CEP290 Dependent Assembly Pathway of the Ciliary Transition Zone. PLoS Biology, 2016, 14, e1002416.	5.6	98
10	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
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	Phosphoinositides Regulate Ciliary Protein Trafficking to Modulate Hedgehog Signaling. Developmental Cell, 2015, 34, 400-409.	7.0	274
13	Conserved Genetic Interactions between Ciliopathy Complexes Cooperatively Support Ciliogenesis and Ciliary Signaling. PLoS Genetics, 2015, 11, e1005627.	3.5	71
14	Scoring a backstage pass: Mechanisms of ciliogenesis and ciliary access. Journal of Cell Biology, 2012, 197, 697-709.	5.2	221
15	Tectonics form a transition zone complex of ciliopathy proteins that regulate ciliary composition. FASEB Journal, 2012, 26, 84.1.	0.5	0
16	A transition zone complex regulates mammalian ciliogenesis and ciliary membrane composition. Nature Genetics, 2011, 43, 776-784.	21.4	556
17	Mapping the NPHP-JBTS-MKS Protein Network Reveals Ciliopathy Disease Genes and Pathways. Cell, 2011, 145, 513-528.	28.9	531
18	The RCC1 superfamily: From genes, to function, to disease. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 1467-1479.	4.1	116

#	Article	IF	Citations
19	Albumin-Associated Lipids Regulate Human Embryonic Stem Cell Self-Renewal. PLoS ONE, 2008, 3, e1384.	2.5	158
20	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
21	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
22	The HERC proteins: functional and evolutionary insights. Cellular and Molecular Life Sciences, 2005, 62, 1826-1838.	5.4	74
23	Requirement of phosphatidylinositol-4,5-bisphosphate for HERC1-mediated guanine nucleotide release from ARF proteins. FEBS Letters, 2005, 579, 343-348.	2.8	15
24	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
25	Interaction between HERC1 and M2-type pyruvate kinase. FEBS Letters, 2003, 539, 78-84.	2.8	35
26	Identification of primary cilia targeting sequences in HTR6 and SSTR3.. IBJ Plus, 0, , .	0.0	1