Susana S Lopes

List of Publications by Year in descending order

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39 papers	2,160 citations	361413 20 h-index	330143 37 g-index
44 all docs	44 docs citations	44 times ranked	2671 citing authors

#	Article	IF	Citations
1	Zebrafishcolourlessencodessox10and specifies non-ectomesenchymal neural crest fates. Development (Cambridge), 2001, 128, 4113-4125.	2.5	449
2	Early steps in primary cilium assembly require EHD1/EHD3-dependent ciliary vesicle formation. Nature Cell Biology, 2015, 17, 228-240.	10.3	221
3	Zebrafish colourless encodes sox10 and specifies non-ectomesenchymal neural crest fates. Development (Cambridge), 2001, 128, 4113-25.	2.5	218
4	Mutational Analysis of Endothelin Receptor b1 (rose) during Neural Crest and Pigment Pattern Development in the Zebrafish Danio rerio. Developmental Biology, 2000, 227, 294-306.	2.0	209
5	Leukocyte Tyrosine Kinase Functions in Pigment Cell Development. PLoS Genetics, 2008, 4, e1000026.	3.5	137
6	Notch signalling regulates left-right asymmetry through ciliary length control. Development (Cambridge), 2010, 137, 3625-3632.	2.5	107
7	Left-Right Organizer Flow Dynamics: How Much Cilia Activity Reliably Yields Laterality?. Developmental Cell, 2014, 29, 716-728.	7.0	85
8	Dll1 and Dll4 function sequentially in the retina and pV2 domain of the spinal cord to regulate neurogenesis and create cell diversity. Developmental Biology, 2009, 328, 54-65.	2.0	63
9	The Importance of Zebrafish in Biomedical Research. Acta Medica Portuguesa, 2013, 26, 583-592.	0.4	56
10	Clinical utility of NGS diagnosis and disease stratification in a multiethnic primary ciliary dyskinesia cohort. Journal of Medical Genetics, 2020, 57, 322-330.	3.2	50
11	Imbalanced mitochondrial function provokes heterotaxy via aberrant ciliogenesis. Journal of Clinical Investigation, 2019, 129, 2841-2855.	8.2	43
12	Usefulness of zebrafish larvae to evaluate drug-induced functional and morphological renal tubular alterations. Archives of Toxicology, 2018, 92, 411-423.	4.2	39
13	Left-Right Function of dmrt2 Genes Is Not Conserved between Zebrafish and Mouse. PLoS ONE, 2010, 5, e14438.	2.5	39
14	Current methods to analyze lysosome morphology, positioning, motility and function. Traffic, 2022, 23, 238-269.	2.7	37
15	The importance of Zebrafish in biomedical research. Acta Medica Portuguesa, 2013, 26, 583-92.	0.4	36
16	Rab35 controls cilium length, function and membrane composition. EMBO Reports, 2019, 20, e47625.	4.5	35
17	Arl13b and the non-muscle myosin heavy chain IIA are required for circular dorsal ruffle formation and cell migration. Journal of Cell Science, 2014, 127, 2709-22.	2.0	33
18	Symmetry-Breaking Cilia-Driven Flow in Embryogenesis. Annual Review of Fluid Mechanics, 2019, 51, 105-128.	25.0	31

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19	Unmasking the relevance of hemispheric asymmetriesâ€"Break on through (to the other side). Progress in Neurobiology, 2020, 192, 101823.	5.7	29
20	Notch/Her12 signalling modulates, motile/immotile cilia ratio downstream of Foxj1a in zebrafish left-right organizer. ELife, 2017, 6, .	6.0	26
21	The zebrafish Kupffer's vesicle as a model system for the molecular mechanisms by which the lack of Polycystin-2 leads to stimulation of CFTR. Biology Open, 2015, 4, 1356-1366.	1.2	24
22	Organized chaos in Kupffer's vesicle: How a heterogeneous structure achieves consistent left-right patterning. Bioarchitecture, 2014, 4, 119-125.	1.5	22
23	Dynamics of cilia length in leftâ€"right development. Royal Society Open Science, 2017, 4, 161102.	2.4	19
24	Three-dimensional flow in Kupfferâ€™s Vesicle. Journal of Mathematical Biology, 2016, 73, 705-725.	1.9	18
25	CiliarMove: new software for evaluating ciliary beat frequency helps find novel mutations by a Portuguese multidisciplinary team on primary ciliary dyskinesia. ERJ Open Research, 2021, 7, 00792-2020.	2.6	15
26	Zebrafish Larvae Are a Suitable Model to Investigate the Metabolic Phenotype of Drug-Induced Renal Tubular Injury. Frontiers in Pharmacology, 2018, 9, 1193.	3.5	13
27	Crosstalk between cilia and autophagy: implication for human diseases. Autophagy, 2023, 19, 24-43.	9.1	10
28	Zebrafish Motile Cilia as a Model for Primary Ciliary Dyskinesia. International Journal of Molecular Sciences, 2021, 22, 8361.	4.1	8
29	Wall stress enhanced exocytosis of extracellular vesicles as a possible mechanism of left-right symmetry-breaking in vertebrate development. Journal of Theoretical Biology, 2019, 460, 220-226.	1.7	7
30	Pkd2 Affects Cilia Length and Impacts LR Flow Dynamics and Dand5. Frontiers in Cell and Developmental Biology, 2021, 9, 624531.	3.7	5
31	Primary ciliary dyskinesia due to CCNO mutationsâ€"A genotypeâ€phenotype correlation contribution. Pediatric Pulmonology, 2021, 56, 2776-2779.	2.0	4
32	Nutritional and toxicity profiles of two species of land snail, Theba pisana and Otala lactea, from Morocco. Journal of Food Composition and Analysis, 2021, 100, 103893.	3.9	4
33	Arl13b interferes with Î±-tubulin acetylation. Cilia, 2015, 4, .	1.8	2
34	The Zebrafish Kupfferâ€™s Vesicle: A Special Organ in a Model Organism to Study Human Diseases. , 2020, , .		2
35	Zebrafish Model as a Screen to Prevent Cyst Inflation in Autosomal Dominant Polycystic Kidney Disease. International Journal of Molecular Sciences, 2021, 22, 9013.	4.1	1
36	16-P010 A novel role for notch signalling in leftâ€"right determination through ciliary length control. Mechanisms of Development, 2009, 126, S265.	1.7	0

#	Article	IF	Citations
37	Paraoxonase as part of endogenous free-radical scavenging system in zebrafish. Toxicology Letters, 2014, 229, S41.	0.8	0
38	SP022THE CROSSTALK BETWEEN POLYCYSTIN-2 AND CFTR IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE. Nephrology Dialysis Transplantation, 2016, 31, i94-i94.	0.7	0
39	Editorial: The Cytoskeleton and Cellular Compartmentation: Cilia as Specialized Cellular Domains. Frontiers in Cell and Developmental Biology, 2021, 9, 777758.	3.7	0