Ivan Duran

List of Publications by Year
in descending order

31	1,153	394421	414414
papers	citations	19 h-index	32 g-index

33	33	33	1938
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The ciliopathy-associated CPLANE proteins direct basal body recruitment of intraflagellar transport machinery. Nature Genetics, 2016, 48, 648-656.	21.4	119
2	Actinotrichia collagens and their role in fin formation. Developmental Biology, 2011, 354, 160-172.	2.0	94
3	Expanding the genetic architecture and phenotypic spectrum in the skeletal ciliopathies. Human Mutation, 2018, 39, 152-166.	2.5	92
4	Mutations in DYNC2LI1 disrupt cilia function and cause short rib polydactyly syndrome. Nature Communications, 2015, 6, 7092.	12.8	79
5	Fibroblast growth factor and canonical WNT/Î²-catenin signaling cooperate in suppression of chondrocyte differentiation in experimental models of FGFR signaling in cartilage. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 839-850.	3.8	56
6	Rayâ€“Interray Interactions during Fin Regeneration of Danio rerio. Developmental Biology, 2002, 252, 214-224.	2.0	54
7	HSP47 and FKBP65 cooperate in the synthesis of type I procollagen. Human Molecular Genetics, 2015, 24, 1918-1928.	2.9	50
8	A Chaperone Complex Formed by HSP47, FKBP65, and BiP Modulates Telopeptide Lysyl Hydroxylation of Type I Procollagen. Journal of Bone and Mineral Research, 2017, 32, 1309-1319.	2.8	50
9	Altered mRNA Splicing, Chondrocyte Gene Expression and Abnormal Skeletal Development due to SF3B4 Mutations in Rodriguez Acrofacial Dysostosis. PLoS Genetics, 2016, 12, e1006307.	3.5	48
10	TGFÎ² and BMP Dependent Cell Fate Changes Due to Loss of Filamin B Produces Disc Degeneration and Progressive Vertebral Fusions. PLoS Genetics, 2016, 12, e1005936.	3.5	47
11	An inactivating mutation in intestinal cell kinase,ICK, impairs hedgehog signalling and causes short rib-polydactyly syndrome. Human Molecular Genetics, 2016, 25, 3998-4011.	2.9	44
12	Destabilization of the IFT-B cilia core complex due to mutations in IFT81 causes a Spectrum of Short-Rib Polydactyly Syndrome. Scientific Reports, 2016, 6, 34232.	3.3	44
13	The PTH/PTHrP-SIK3 pathway affects skeletogenesis through altered mTOR signaling. Science Translational Medicine, 2018, 10, .	12.4	38
14	Collagen duplicate genes of bone and cartilage participate during regeneration of zebrafish fin skeleton. Gene Expression Patterns, 2015, 19, 60-69.	0.8	34
15	Regulation of ciliary function by fibroblast growth factor signaling identifies FGFR3-related disorders achondroplasia and thanatophoric dysplasia as ciliopathies. Human Molecular Genetics, 2018, 27, 1093-1105.	2.9	33
16	Position dependence of hemiray morphogenesis during tail fin regeneration in Danio rerio. Developmental Biology, 2007, 312, 272-283.	2.0	31
17	Fibroblast growth factor receptor influences primary cilium length through an interaction with intestinal cell kinase. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4316-4325.	7.1	29
18	Mutations in IFT-A satellite core component genes IFT43 and IFT121 produce short rib polydactyly syndrome with distinctive campomelia. Cilia, 2017, 6, 7.	1.8	26

#	Article	IF	Citations
19	Dominantâ€negativeSOX9mutations in campomelic dysplasia. Human Mutation, 2019, 40, 2344-2352.	2.5	20
20	An RNA aptamer restores defective bone growth in FGFR3-related skeletal dysplasia in mice. Science Translational Medicine, 2021, 13, .	12.4	20
21	Zebrafish Models for Human Skeletal Disorders. Frontiers in Genetics, 2021, 12, 675331.	2.3	18
22	Mutations in GRK2 cause Jeune syndrome by impairing Hedgehog and canonical Wnt signaling. EMBO Molecular Medicine, 2020, 12, e11739.	6.9	16
23	4-PBA Treatment Improves Bone Phenotypes in the Aga2 Mouse Model of Osteogenesis Imperfecta. Journal of Bone and Mineral Research, 2020, 37, 675-686.	2.8	14
24	Freeze substitution followed by low melting point wax embedding preserves histomorphology and allows protein and mRNA localization techniques. Microscopy Research and Technique, 2011, 74, 440-448.	2.2	8
25	Inflammation, a common mechanism in frailty and COVID19 , and stem cells as a therapeutic approach. Stem Cells Translational Medicine, 2021, 10, 1482-1490.	3.3	8
26	Biallelic mutations in LAMA5 disrupts a skeletal noncanonical focal adhesion pathway and produces a distinct bent bone dysplasia. EBioMedicine, 2020, 62, 103075.	6.1	7
27	Should we unstress SARS-CoV-2 infected cells?. Cytokine and Growth Factor Reviews, 2020, 54, 3-5.	7.2	5
28	NRP1 haploinsufficiency predisposes to the development of Tetralogy of Fallot. American Journal of Medical Genetics, Part A, 2018, 176, 649-656.	1.2	4
29	Holmgren's principle of delamination during fin skeletogenesis. Mechanisms of Development, 2015, 135, 16-30.	1.7	3
30	The Î±2 chain of type IX collagen is essential for type IX collagen biosynthesis. American Journal of Medical Genetics, Part A, 2019, 179, 1672-1677.	1.2	1
31	Generalization of an Active Set Newton Algorithm with Alpha-Beta divergences for audio separation. , 2021, , .		0