

Ivan Duran

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,153
citations

394421

19
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

1938
citing authors

#	ARTICLE	IF	CITATIONS
1	An RNA aptamer restores defective bone growth in FGFR3-related skeletal dysplasia in mice. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	20
2	Inflammation, a common mechanism in frailty and COVID19 , and stem cells as a therapeutic approach. <i>Stem Cells Translational Medicine</i> , 2021, 10, 1482-1490.	3.3	8
3	Zebrafish Models for Human Skeletal Disorders. <i>Frontiers in Genetics</i> , 2021, 12, 675331.	2.3	18
4	Generalization of an Active Set Newton Algorithm with Alpha-Beta divergences for audio separation. , 2021, , .		0
5	Biallelic mutations in LAMA5 disrupts a skeletal noncanonical focal adhesion pathway and produces a distinct bent bone dysplasia. <i>EBioMedicine</i> , 2020, 62, 103075.	6.1	7
6	Should we unstress SARS-CoV-2 infected cells?. <i>Cytokine and Growth Factor Reviews</i> , 2020, 54, 3-5.	7.2	5
7	Mutations in GRK2 cause Jeune syndrome by impairing Hedgehog and canonical Wnt signaling. <i>EMBO Molecular Medicine</i> , 2020, 12, e11739.	6.9	16
8	4-PBA Treatment Improves Bone Phenotypes in the <i>Aga2</i> Mouse Model of Osteogenesis Imperfecta. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 675-686.	2.8	14
9	Dominant-negative SOX9 mutations in campomelic dysplasia. <i>Human Mutation</i> , 2019, 40, 2344-2352.	2.5	20
10	The ± 2 chain of type IX collagen is essential for type IX collagen biosynthesis. <i>American Journal of Medical Genetics, Part A</i> , 2019, 179, 1672-1677.	1.2	1
11	Fibroblast growth factor receptor influences primary cilium length through an interaction with intestinal cell kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4316-4325.	7.1	29
12	NRP1 haploinsufficiency predisposes to the development of Tetralogy of Fallot. <i>American Journal of Medical Genetics, Part A</i> , 2018, 176, 649-656.	1.2	4
13	Regulation of ciliary function by fibroblast growth factor signaling identifies FGFR3-related disorders achondroplasia and thanatophoric dysplasia as ciliopathies. <i>Human Molecular Genetics</i> , 2018, 27, 1093-1105.	2.9	33
14	Expanding the genetic architecture and phenotypic spectrum in the skeletal ciliopathies. <i>Human Mutation</i> , 2018, 39, 152-166.	2.5	92
15	The PTH/PTHrP-SIK3 pathway affects skeletogenesis through altered mTOR signaling. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	38
16	A Chaperone Complex Formed by HSP47, FKBP65, and BiP Modulates Telopeptide Lysyl Hydroxylation of Type I Procollagen. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1309-1319.	2.8	50
17	Mutations in IFT-A satellite core component genes IFT43 and IFT121 produce short rib polydactyly syndrome with distinctive campomelia. <i>Cilia</i> , 2017, 6, 7.	1.8	26
18	The ciliopathy-associated CPLANE proteins direct basal body recruitment of intraflagellar transport machinery. <i>Nature Genetics</i> , 2016, 48, 648-656.	21.4	119

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19	An inactivating mutation in intestinal cell kinase, <i>ICK</i> , impairs hedgehog signalling and causes short rib-polydactyly syndrome. <i>Human Molecular Genetics</i> , 2016, 25, 3998-4011.	2.9	44
20	Destabilization of the IFT-B cilia core complex due to mutations in IFT81 causes a Spectrum of Short-Rib Polydactyly Syndrome. <i>Scientific Reports</i> , 2016, 6, 34232.	3.3	44
21	TGF β 2 and BMP Dependent Cell Fate Changes Due to Loss of Filamin B Produces Disc Degeneration and Progressive Vertebral Fusions. <i>PLoS Genetics</i> , 2016, 12, e1005936.	3.5	47
22	Altered mRNA Splicing, Chondrocyte Gene Expression and Abnormal Skeletal Development due to SF3B4 Mutations in Rodriguez Acrofacial Dysostosis. <i>PLoS Genetics</i> , 2016, 12, e1006307.	3.5	48
23	Fibroblast growth factor and canonical WNT/ β -catenin signaling cooperate in suppression of chondrocyte differentiation in experimental models of FGFR signaling in cartilage. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 839-850.	3.8	56
24	Holmgren's principle of delamination during fin skeletogenesis. <i>Mechanisms of Development</i> , 2015, 135, 16-30.	1.7	3
25	Mutations in DYNC2L1 disrupt cilia function and cause short rib polydactyly syndrome. <i>Nature Communications</i> , 2015, 6, 7092.	12.8	79
26	Collagen duplicate genes of bone and cartilage participate during regeneration of zebrafish fin skeleton. <i>Gene Expression Patterns</i> , 2015, 19, 60-69.	0.8	34
27	HSP47 and FKBP65 cooperate in the synthesis of type I procollagen. <i>Human Molecular Genetics</i> , 2015, 24, 1918-1928.	2.9	50
28	Actinotrichia collagens and their role in fin formation. <i>Developmental Biology</i> , 2011, 354, 160-172.	2.0	94
29	Freeze substitution followed by low melting point wax embedding preserves histomorphology and allows protein and mRNA localization techniques. <i>Microscopy Research and Technique</i> , 2011, 74, 440-448.	2.2	8
30	Position dependence of hemiray morphogenesis during tail fin regeneration in <i>Danio rerio</i> . <i>Developmental Biology</i> , 2007, 312, 272-283.	2.0	31
31	Ray-Interray Interactions during Fin Regeneration of <i>Danio rerio</i> . <i>Developmental Biology</i> , 2002, 252, 214-224.	2.0	54