Dobrawa Napierala

List of Publications by Year in Descending Order

25 papers	756 citations	13 h-index	27 g-index
30 ext. papers	874 ext. citations	7.1 avg, IF	3.02 L-index

#	Paper	IF	Citations
25	Reactive oxygen species (ROS) generation as an underlying mechanism of inorganic phosphate (P)-induced mineralization of osteogenic cells. *Free Radical Biology and Medicine*, **2020**, 153, 103-111	7.8	8
24	Trps1 transcription factor represses phosphate-induced expression of SerpinB2 in osteogenic cells. *Bone*, **2020**, 141, 115673	4.7	2
23	Trps1 transcription factor regulates mineralization of dental tissues and proliferation of tooth organ cells. *Molecular Genetics and Metabolism*, **2019**, 126, 504-512	3.7	7
22	Trps1 Regulates Development of Craniofacial Skeleton and Is Required for the Initiation of Palatal Shelves Fusion. *Frontiers in Physiology*, **2019**, 10, 513	4.6	0
21	Proteomic profiling of extracellular vesicles released from vascular smooth muscle cells during initiation of phosphate-induced mineralization. *Connective Tissue Research*, **2018**, 59, 55-61	3.3	12
20	Phosphate induces formation of matrix vesicles during odontoblast-initiated mineralization in vitro. *Matrix Biology*, **2016**, 52-54, 284-300	11.4	30
19	Dspp-independent Effects of Transgenic Trps1 Overexpression on Dentin Formation. *Journal of Dental Research*, **2015**, 94, 1128-34	8.1	5
18	The growth and aggressive behavior of human osteosarcoma is regulated by a CaMKII-controlled autocrine VEGF signaling mechanism. *PLoS ONE*, **2015**, 10, e0121568	3.7	18
17	Dual role of the Trps1 transcription factor in dentin mineralization. *Journal of Biological Chemistry*, **2014**, 289, 27481-93	5.4	17
16	Differential effects of collagen prolyl 3-hydroxylation on skeletal tissues. *PLoS Genetics*, **2014**, 10, e1004121	6	24
15	Specificity protein 7 is not essential for tooth morphogenesis. *Connective Tissue Research*, **2014**, 55 Suppl 1, 88-91	3.3	3
14	Transcriptional repression of the Dspp gene leads to dentinogenesis imperfecta phenotype in Col1a1-Trps1 transgenic mice. *Journal of Bone and Mineral Research*, **2012**, 27, 1735-45	6.3	13
13	Mutations in FKBP10 cause recessive osteogenesis imperfecta and Bruck syndrome. *Journal of Bone and Mineral Research*, **2011**, 26, 666-72	6.3	123
12	Mutations in SERPINF1 cause osteogenesis imperfecta type VI. *Journal of Bone and Mineral Research*, **2011**, 26, 2798-803	6.3	141
11	Runx2 contributes to murine Col10a1 gene regulation through direct interaction with its cis-enhancer. *Journal of Bone and Mineral Research*, **2011**, 26, 2899-910	6.3	50
10	Localization of the cis-enhancer element for mouse type X collagen expression in hypertrophic chondrocytes in vivo. *Journal of Bone and Mineral Research*, **2009**, 24, 1022-32	6.3	21
9	Uncoupling of chondrocyte differentiation and perichondrial mineralization underlies the skeletal dysplasia in tricho-rhino-phalangeal syndrome. *Human Molecular Genetics*, **2008**, 17, 2244-54	5.6	73

8	Tricho-rhino-phalangeal syndrome with supernumerary teeth. *Journal of Dental Research*, **2008**, 87, 1027831	3.1	27
7	De novo three-way chromosome translocation 46,XY,t(4;6;21)(p16;p21.1;q21) in a male with cleidocranial dysplasia. *American Journal of Medical Genetics, Part A*, **2008**, 146A, 453-8	2.5	11
6	The presence of germ line mosaicism in cleidocranial dysplasia. *Clinical Genetics*, **2007**, 71, 589-91	4	9
5	Characterization of a new syndrome that associates craniosynostosis, delayed fontanel closure, parietal foramina, imperforate anus, and skin eruption: CDAGS. *American Journal of Human Genetics* , **2005**, 77, 161-8	11	16
4	Mutations and promoter SNPs in RUNX2, a transcriptional regulator of bone formation. *Molecular Genetics and Metabolism*, **2005**, 86, 257-68	3.7	44
3	Crane-Heise syndrome: a second familial case report with elaboration of phenotype. *American Journal of Medical Genetics Part A*, **2003**, 118A, 223-8		4
2	Molecular Diagnostics of Genetic Diseases: Experience from Studies of DMD, APC, TSC1, and OPG Genes. Part 1.. *Journal of Clinical Biochemistry and Nutrition*, **2000**, 28, 113-127	3.1	
1	Mosaicism in tuberous sclerosis as a potential cause of the failure of molecular diagnosis. *New England Journal of Medicine*, **1999**, 340, 703-7	59.2	98