

Keith Alvares

List of Publications by Citations

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27
papers

759
citations

14
h-index

27
g-index

28
ext. papers

791
ext. citations

3.7
avg, IF

3.41
L-index

#	Paper	IF	Citations
27	Specific amelogenin gene splice products have signaling effects on cells in culture and in implants in vivo. <i>Journal of Biological Chemistry</i> , 2000 , 275, 41263-72	5.4	197
26	Molecular recognition in the assembly of collagens: terminal noncollagenous domains are key recognition modules in the formation of triple helical protomers. <i>Journal of Biological Chemistry</i> , 2006 , 281, 38117-21	5.4	152
25	Two related low molecular mass polypeptide isoforms of amelogenin have distinct activities in mouse tooth germ differentiation in vitro. <i>Journal of Bone and Mineral Research</i> , 2005 , 20, 341-9	6.3	49
24	Expression and potential role of dentin phosphophoryn (DPP) in mouse embryonic tissues involved in epithelial-mesenchymal interactions and branching morphogenesis. <i>Developmental Dynamics</i> , 2006 , 235, 2980-90	2.9	48
23	Distribution and relevance of insulin-like growth factor-I receptor in metanephric development. <i>Kidney International</i> , 1993 , 44, 1242-50	9.9	44
22	Human urate oxidase gene: cloning and partial sequence analysis reveal a stop codon within the fifth exon. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 171, 641-6	3.4	40
21	The role of acidic phosphoproteins in biomineralization. <i>Connective Tissue Research</i> , 2014 , 55, 34-40	3.3	23
20	The nucleotide sequence of a full length cDNA clone encoding rat liver urate oxidase. <i>Biochemical and Biophysical Research Communications</i> , 1989 , 158, 991-5	3.4	22
19	Ciprofibrate represses alpha 2u-globulin expression in liver and inhibits d-limonene nephrotoxicity. <i>Carcinogenesis</i> , 1996 , 17, 311-6	4.6	21
18	An in vitro demonstration of peroxisome proliferation and increase in peroxisomal beta-oxidation system mRNAs in cultured rat hepatocytes treated with ciprofibrate. <i>FEBS Letters</i> , 1989 , 250, 205-10	3.8	20
17	Echinoderm phosphorylated matrix proteins UTMP16 and UTMP19 have different functions in sea urchin tooth mineralization. <i>Journal of Biological Chemistry</i> , 2009 , 284, 26149-60	5.4	19
16	A binding protein for lysosomal enzymes isolated from brain by phosphomannan-sepharose chromatography. <i>Biochemical and Biophysical Research Communications</i> , 1983 , 112, 398-406	3.4	17
15	Assembly of the type 1 procollagen molecule: selectivity of the interactions between the alpha 1(I)- and alpha 2(I)-carboxyl propeptides. <i>Biochemistry</i> , 1999 , 38, 5401-11	3.2	16
14	Lysosomal and microsomal beta-glucuronidase of monkey brain. Differential elution characteristics from con A-sepharose and neutral sugar composition. <i>BBA - Proteins and Proteomics</i> , 1982 , 708, 124-33		16
13	The proteome of the developing tooth of the sea urchin, <i>Lytechinus variegatus</i> : mortalin is a constituent of the developing cell syncytium. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2007 , 308, 357-70	1.8	14
12	Structure and assembly of the heterotrimeric and homotrimeric C-propeptides of type I collagen: significance of the alpha2(I) chain. <i>Biochemistry</i> , 2005 , 44, 15269-79	3.2	14
11	Antitumor agent cabozantinib decreases RANKL expression in osteoblastic cells and inhibits osteoclastogenesis and PTHrP-stimulated bone resorption. <i>Journal of Cellular Biochemistry</i> , 2014 , 115, 2033-8	4.7	12

10	On the formation and functions of high and very high magnesium calcites in the continuously growing teeth of the echinoderm <i>Lytechinus variegatus</i> : development of crystallinity and protein involvement. <i>Cells Tissues Organs</i> , 2011 , 194, 131-7	2.1	9
9	Rat urate oxidase: cloning and structural analysis of the gene and 5cflanking region. <i>Gene</i> , 1991 , 97, 223-98	3.8	9
8	Dentin phosphoprotein binds annexin 2 and is involved in calcium transport in rat kidney ureteric bud cells. <i>Journal of Biological Chemistry</i> , 2013 , 288, 13036-45	5.4	6
7	Two forms of acid alpha-D-mannosidase in monkey brain: evidence for the co-existence of high mannose and complex oligosaccharides in one form. <i>Biochemical and Biophysical Research Communications</i> , 1984 , 123, 1185-93	3.4	5
6	Expression of the invertebrate sea urchin P16 protein into mammalian MC3T3 osteoblasts transforms and reprograms them into "osteocyte-like" cells. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2016 , 326, 38-46	1.8	2
5	The unique biomineralization transcriptome and proteome of <i>Lytechinus variegatus</i> teeth. <i>Connective Tissue Research</i> , 2018 , 59, 20-29	3.3	2
4	Commentary on "biomineralization--an active or passive process?". <i>Connective Tissue Research</i> , 2012 , 53, 437	3.3	1
3	The binding requirements of monkey brain lysosomal enzymes to their immobilised receptor protein. <i>Journal of Biosciences</i> , 1986 , 10, 215-225	2.3	1
2	Perspective on hepatic peroxisomes and pancreatic hepatocytes. <i>Medical Electron Microscopy: Official Journal of the Clinical Electron Microscopy Society of Japan</i> , 1994 , 27, 181-190		
1	Molecular Recognition in the Assembly of Collagens. <i>FASEB Journal</i> , 2007 , 21, A152	0.9	