

# Keith Alvares

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The unique biomineralization transcriptome and proteome of <i>Lytechinus variegatus</i> teeth. <i>Connective Tissue Research</i> , <b>2018</b> , 59, 20-29	3.3	2
26	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> , <b>2016</b> , 326, 38-46	1.8	2
25	Antitumor agent cabozantinib decreases RANKL expression in osteoblastic cells and inhibits osteoclastogenesis and PTHrP-stimulated bone resorption. <i>Journal of Cellular Biochemistry</i> , <b>2014</b> , 115, 2033-8	4.7	12
24	The role of acidic phosphoproteins in biomineralization. <i>Connective Tissue Research</i> , <b>2014</b> , 55, 34-40	3.3	23
23	Dentin phosphoprotein binds annexin 2 and is involved in calcium transport in rat kidney ureteric bud cells. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 13036-45	5.4	6
22	Commentary on "biomineralization--an active or passive process?". <i>Connective Tissue Research</i> , <b>2012</b> , 53, 437	3.3	1
21	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> , <b>2011</b> , 194, 131-7	2.1	9
20	Echinoderm phosphorylated matrix proteins UTMP16 and UTMP19 have different functions in sea urchin tooth mineralization. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 26149-60	5.4	19
19	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> , <b>2007</b> , 308, 357-70	1.8	14
18	Molecular Recognition in the Assembly of Collagens. <i>FASEB Journal</i> , <b>2007</b> , 21, A152	0.9	
17	Expression and potential role of dentin phosphophoryn (DPP) in mouse embryonic tissues involved in epithelial-mesenchymal interactions and branching morphogenesis. <i>Developmental Dynamics</i> , <b>2006</b> , 235, 2980-90	2.9	48
16	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> , <b>2006</b> , 281, 38117-21	5.4	152
15	Structure and assembly of the heterotrimeric and homotrimeric C-propeptides of type I collagen: significance of the alpha2(I) chain. <i>Biochemistry</i> , <b>2005</b> , 44, 15269-79	3.2	14
14	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> , <b>2005</b> , 20, 341-9	6.3	49
13	Specific amelogenin gene splice products have signaling effects on cells in culture and in implants in vivo. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 41263-72	5.4	197
12	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> , <b>1999</b> , 38, 5401-11	3.2	16
11	Ciprofibrate represses alpha 2u-globulin expression in liver and inhibits d-limonene nephrotoxicity. <i>Carcinogenesis</i> , <b>1996</b> , 17, 311-6	4.6	21

10	Perspective on hepatic peroxisomes and pancreatic hepatocytes. <i>Medical Electron Microscopy: Official Journal of the Clinical Electron Microscopy Society of Japan</i> , <b>1994</b> , 27, 181-190		
9	Distribution and relevance of insulin-like growth factor-I receptor in metanephric development. <i>Kidney International</i> , <b>1993</b> , 44, 1242-50	9.9	44
8	Rat urate oxidase: cloning and structural analysis of the gene and 5'flanking region. <i>Gene</i> , <b>1991</b> , 97, 223-98	3.9	9
7	Human urate oxidase gene: cloning and partial sequence analysis reveal a stop codon within the fifth exon. <i>Biochemical and Biophysical Research Communications</i> , <b>1990</b> , 171, 641-6	3.4	40
6	The nucleotide sequence of a full length cDNA clone encoding rat liver urate oxidase. <i>Biochemical and Biophysical Research Communications</i> , <b>1989</b> , 158, 991-5	3.4	22
5	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> , <b>1989</b> , 250, 205-10	3.8	20
4	The binding requirements of monkey brain lysosomal enzymes to their immobilised receptor protein. <i>Journal of Biosciences</i> , <b>1986</b> , 10, 215-225	2.3	1
3	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> , <b>1984</b> , 123, 1185-93	3.4	5
2	A binding protein for lysosomal enzymes isolated from brain by phosphomannan-sepharose chromatography. <i>Biochemical and Biophysical Research Communications</i> , <b>1983</b> , 112, 398-406	3.4	17
1	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> , <b>1982</b> , 708, 124-33		16