

# Mike Hubbard

## 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.

63  
papers

3,041  
citations

26  
h-index

54  
g-index

65  
ext. papers

3,204  
ext. citations

3.9  
avg, IF

5.07  
L-index

#	Paper	IF	Citations
63	A Breakthrough in Understanding the Pathogenesis of Molar Hypomineralisation: The Mineralisation-Poisoning Model.. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 802833	4.6	2
62	Pathogenesis of Molar Hypomineralisation: Hypomineralised 6-Year Molars Contain Traces of Fetal Serum Albumin. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 619	4.6	6
61	Pathogenesis of Molar Hypomineralisation: Aged Albumin Demarcates Chalky Regions of Hypomineralised Enamel. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 579015	4.6	5
60	Direct evidence that KLK4 is a hydroxyapatite-binding protein. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 495, 1896-1900	3.4	6
59	Evidence That Calcium Entry Into Calcium-Transporting Dental Enamel Cells Is Regulated by Cholecystokinin, Acetylcholine and ATP. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 801	4.6	13
58	Enamel Research: Priorities and Future Directions. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 513	4.6	10
57	Molar Hypomineralisation: A Call to Arms for Enamel Researchers. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 546	4.6	14
56	Proteomic Analysis of Dental Tissue Microsamples. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1537, 461-479	1.4	1
55	A prominent role of PDIA6 in processing of misfolded proinsulin. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2016</b> , 1864, 715-723	4	21
54	Dental enamel cells express functional SOCE channels. <i>Scientific Reports</i> , <b>2015</b> , 5, 15803	4.9	29
53	Pancreatic beta cells are highly susceptible to oxidative and ER stresses during the development of diabetes. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 688-99	5.6	25
52	New paradigms on the transport functions of maturation-stage ameloblasts. <i>Journal of Dental Research</i> , <b>2013</b> , 92, 122-9	8.1	57
51	Identification of novel candidate genes involved in mineralization of dental enamel by genome-wide transcript profiling. <i>Journal of Cellular Physiology</i> , <b>2012</b> , 227, 2264-75	7	75
50	Gene-expression analysis of early- and late-maturation-stage rat enamel organ. <i>European Journal of Oral Sciences</i> , <b>2011</b> , 119 Suppl 1, 149-57	2.3	35
49	Exclusion of all three calbindins from a calcium-ferry role in rat enamel cells. <i>European Journal of Oral Sciences</i> , <b>2011</b> , 119 Suppl 1, 112-9	2.3	12
48	ERp29 regulates DeltaF508 and wild-type cystic fibrosis transmembrane conductance regulator (CFTR) trafficking to the plasma membrane in cystic fibrosis (CF) and non-CF epithelial cells. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 21239-53	5.4	23
47	Surface integrity governs the proteome of hypomineralized enamel. <i>Journal of Dental Research</i> , <b>2010</b> , 89, 1160-5	8.1	71

46	Proteomic analysis of dental tissue microsamples. <i>Methods in Molecular Biology</i> , <b>2010</b> , 666, 309-25	1.4	4
45	ERp29 restricts Connexin43 oligomerization in the endoplasmic reticulum. <i>Molecular Biology of the Cell</i> , <b>2009</b> , 20, 2593-604	3.5	66
44	Triplex profiling of functionally distinct chaperones (ERp29/PDI/BiP) reveals marked heterogeneity of the endoplasmic reticulum proteome in cancer. <i>Journal of Proteome Research</i> , <b>2008</b> , 7, 3364-72	5.6	34
43	Hierarchical protein identifications and assignments. <i>Journal of Proteome Research</i> , <b>2006</b> , 5, 733	5.6	1
42	Towards second-generation proteome analysis of murine enamel-forming cells. <i>European Journal of Oral Sciences</i> , <b>2006</b> , 114 Suppl 1, 259-65; discussion 285-6, 382	2.3	11
41	Enamel Proteomics and Protein Interactions. <i>European Journal of Oral Sciences</i> , <b>2006</b> , 114, 285-286	2.3	10
40	Proteomic profiling of facial development in chick embryos. <i>Proteomics</i> , <b>2005</b> , 5, 2542-50	4.8	19
39	Biophysical characterization of ERp29. Evidence for a key structural role of cysteine 125. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 13529-37	5.4	20
38	Calbindin independence of calcium transport in developing teeth contradicts the calcium ferry dogma. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 55850-4	5.4	24
37	ERp29, a general endoplasmic reticulum marker, is highly expressed throughout the brain. <i>Journal of Comparative Neurology</i> , <b>2004</b> , 477, 29-42	3.4	24
36	Proteomic analysis of dental tissues. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2002</b> , 771, 211-20	3.2	21
35	ERp29 is a ubiquitous resident of the endoplasmic reticulum with a distinct role in secretory protein production. <i>Journal of Histochemistry and Cytochemistry</i> , <b>2002</b> , 50, 557-66	3.4	45
34	ToothPrint, a proteomic database for dental tissues. <i>Proteomics</i> , <b>2001</b> , 1, 132-5	4.8	11
33	Calcium transport across the dental enamel epithelium. <i>Critical Reviews in Oral Biology and Medicine</i> , <b>2000</b> , 11, 437-66		81
32	Human ERp29: isolation, primary structural characterisation and two-dimensional gel mapping. <i>Electrophoresis</i> , <b>2000</b> , 21, 3785-96	3.6	34
31	Isolation of ERp29, a novel endoplasmic reticulum protein, from rat enamel cells. Evidence for a unique role in secretory-protein synthesis. <i>FEBS Journal</i> , <b>2000</b> , 267, 1945-57		54
30	Calbindin28kDa is specifically associated with extranuclear constituents of the dense particulate fraction. <i>Cell and Tissue Research</i> , <b>2000</b> , 302, 171-80	4.2	16
29	Proteomic analysis of enamel cells from developing rat teeth: big returns from a small tissue. <i>Electrophoresis</i> , <b>1998</b> , 19, 1891-900	3.6	21

28	Enamel cell biology. Towards a comprehensive biochemical understanding. <i>Connective Tissue Research</i> , <b>1998</b> , 38, 17-32; discussion 35-41	3.3	19
27	Molecular cloning of ERp29, a novel and widely expressed resident of the endoplasmic reticulum. <i>FEBS Letters</i> , <b>1997</b> , 402, 145-50	3.8	68
26	Lysozyme and alpha-lactalbumin from the milk of a marsupial, the common brush-tailed possum ( <i>Trichosurus vulpecula</i> ). <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>1997</b> , 1336, 235-42	4	24
25	Mitochondrial ATP synthase F1-beta-subunit is a calcium-binding protein. <i>FEBS Letters</i> , <b>1996</b> , 391, 323-9	3.8	103
24	Abundant calcium homeostasis machinery in rat dental enamel cells. Up-regulation of calcium store proteins during enamel mineralization implicates the endoplasmic reticulum in calcium transcytosis. <i>FEBS Journal</i> , <b>1996</b> , 239, 611-23		55
23	Calbindin28kDa and calbindin30kDa (calretinin) are substantially localised in the particulate fraction of rat brain. <i>FEBS Letters</i> , <b>1995</b> , 374, 333-7	3.8	45
22	Calbindin28kDa and calmodulin are hyperabundant in rat dental enamel cells. Identification of the protein phosphatase calcineurin as a principal calmodulin target and of a secretion-related role for calbindin28kDa. <i>FEBS Journal</i> , <b>1995</b> , 230, 68-79		68
21	Differential feeding-related regulation of ubiquitin and calbindin9kDa in rat duodenum. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>1994</b> , 1200, 191-6	4	6
20	On target with a new mechanism for the regulation of protein phosphorylation. <i>Trends in Biochemical Sciences</i> , <b>1993</b> , 18, 172-7	10.3	845
19	Rapid purification and direct microassay of calbindin9kDa utilizing its solubility in perchloric acid. <i>Biochemical Journal</i> , <b>1993</b> , 293 ( Pt 1), 223-7	3.8	11
18	Targeting subunits for protein phosphatases. <i>Methods in Enzymology</i> , <b>1991</b> , 201, 414-27	1.7	19
17	Targetting of protein phosphatase 1 to the sarcoplasmic reticulum of rabbit skeletal muscle by a protein that is very similar or identical to the G subunit that directs the enzyme to glycogen. <i>FEBS Journal</i> , <b>1990</b> , 189, 243-9		67
16	Scanning electron microscopy of trypsin-treated enamel from fluorosed rat molars. <i>Advances in Dental Research</i> , <b>1989</b> , 3, 183-7	2.3	2
15	The glycogen-binding subunit of protein phosphatase-1G from rabbit skeletal muscle. Further characterisation of its structure and glycogen-binding properties. <i>FEBS Journal</i> , <b>1989</b> , 180, 457-65		74
14	Characterization of a high-affinity monoclonal antibody to calcineurin whose epitope defines a new structural domain of calcineurin A. <i>FEBS Journal</i> , <b>1989</b> , 185, 411-8		12
13	Regulation of protein phosphatase-1G from rabbit skeletal muscle. 1. Phosphorylation by cAMP-dependent protein kinase at site 2 releases catalytic subunit from the glycogen-bound holoenzyme. <i>FEBS Journal</i> , <b>1989</b> , 186, 701-9		107
12	Partial structure and hormonal regulation of rabbit liver inhibitor-1; distribution of inhibitor-1 and inhibitor-2 in rabbit and rat tissues. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>1989</b> , 1010, 218-26	4.9	45
11	Multisite phosphorylation of the glycogen-binding subunit of protein phosphatase-1G by cyclic AMP-dependent protein kinase and glycogen synthase kinase-3. <i>FEBS Letters</i> , <b>1989</b> , 248, 67-72	3.8	60

10	Regulation of protein phosphatase-1G from rabbit skeletal muscle. 2. Catalytic subunit translocation is a mechanism for reversible inhibition of activity toward glycogen-bound substrates. <i>FEBS Journal</i> , <b>1989</b> , 186, 711-6		92
9	Functional domain structure of calcineurin A: mapping by limited proteolysis. <i>Biochemistry</i> , <b>1989</b> , 28, 1868-74	3.2	189
8	The isolation of plasma membrane and characterisation of the plasma membrane ATPase from the yeast <i>Candida albicans</i> . <i>FEBS Journal</i> , <b>1986</b> , 154, 375-81		26
7	Isolation and morphological characterization of a mycelial mutant of <i>Candida albicans</i> . <i>Journal of Bacteriology</i> , <b>1986</b> , 165, 61-5	3.5	43
6	Morphological studies of N-acetylglucosamine induced germ tube formation by <i>Candida albicans</i> . <i>Canadian Journal of Microbiology</i> , <b>1985</b> , 31, 696-701	3.2	21
5	Characterization of a tetraploid derivative of <i>Candida albicans</i> ATCC 10261. <i>Journal of Bacteriology</i> , <b>1985</b> , 161, 781-3	3.5	12
4	Correlated light and scanning electron microscopy of artificial carious lesions. <i>Journal of Dental Research</i> , <b>1982</b> , 61, 14-9	8.1	12
3	Calmodulin-like activity in a mineralising tissue: the rat molar tooth germ. <i>Calcified Tissue International</i> , <b>1981</b> , 33, 545-8	3.9	18
2	Rapid dissection of rodent molar-tooth germs. <i>Laboratory Animals</i> , <b>1981</b> , 15, 371-3	2.6	8
1	Parasexual genetic analysis of <i>Candida albicans</i> by spheroplast fusion. <i>Journal of Bacteriology</i> , <b>1981</b> , 146, 833-40	3.5	78