Mike Hubbard

List of Publications by Year
in descending order

65 papers	3,468 citations	186265 28 h-index	138484 58 g-index
65 all docs	65 docs citations	65 times ranked	2520 citing authors

#	Article	IF	Citations
1	A Breakthrough in Understanding the Pathogenesis of Molar Hypomineralisation: The Mineralisation-Poisoning Model. Frontiers in Physiology, 2021, 12, 802833.	2.8	10
2	Chalky teeth 100 years on. Journal of the American Dental Association, 2020, 151, 803-805.	1.5	2
3	Pathogenesis of Molar Hypomineralisation: Aged Albumin Demarcates Chalky Regions of Hypomineralised Enamel. Frontiers in Physiology, 2020, 11, 579015.	2.8	16
4	Pathogenesis of Molar Hypomineralisation: Hypomineralised 6-Year Molars Contain Traces of Fetal Serum Albumin. Frontiers in Physiology, 2020, 11, 619.	2.8	12
5	Molar hypomineralization. Journal of the American Dental Association, 2018, 149, 329-330.	1.5	17
6	Direct evidence that KLK4 is a hydroxyapatite-binding protein. Biochemical and Biophysical Research Communications, 2018, 495, 1896-1900.	2.1	11
7	Evidence That Calcium Entry Into Calcium-Transporting Dental Enamel Cells Is Regulated by Cholecystokinin, Acetylcholine and ATP. Frontiers in Physiology, 2018, 9, 801.	2.8	20
8	Enamel Research: Priorities and Future Directions. Frontiers in Physiology, 2017, 8, 513.	2.8	11
9	Molar Hypomineralisation: A Call to Arms for Enamel Researchers. Frontiers in Physiology, 2017, 8, 546.	2.8	25
10	Proteomic Analysis of Dental Tissue Microsamples. Methods in Molecular Biology, 2017, 1537, 461-479.	0.9	1
11	A prominent role of PDIA6 in processing of misfolded proinsulin. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 715-723.	2.3	28
12	Dental enamel cells express functional SOCE channels. Scientific Reports, 2015, 5, 15803.	3.3	42
13	Pancreatic Beta Cells Are Highly Susceptible to Oxidative and ER Stresses during the Development of Diabetes. Journal of Proteome Research, 2015, 14, 688-699.	3.7	30
14	New Paradigms on the Transport Functions of Maturation-stage Ameloblasts. Journal of Dental Research, 2013, 92, 122-129.	5.2	64
15	Identification of novel candidate genes involved in mineralization of dental enamel by genomeâ€wide transcript profiling. Journal of Cellular Physiology, 2012, 227, 2264-2275.	4.1	94
16	ERp29 Regulates Î”F508 and Wild-type Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Trafficking to the Plasma Membrane in Cystic Fibrosis (CF) and Non-CF Epithelial Cells. Journal of Biological Chemistry, 2011, 286, 21239-21253.	3.4	29
17	Geneâ€expression analysis of earlyâ€and lateâ€maturationâ€stage rat enamel organ. European Journal of Oral Sciences, 2011, 119, 149-157.	1.5	41
18	Exclusion of all three calbindins from a calciumâ€ferry role in rat enamel cells. European Journal of Oral Sciences, 2011, 119, 112-119.	1.5	14

#	Article	IF	Citations
19	Surface Integrity Governs the Proteome of Hypomineralized Enamel. Journal of Dental Research, 2010, 89, 1160-1165.	5.2	90
20	Proteomic Analysis of Dental Tissue Microsamples. Methods in Molecular Biology, 2010, 666, 309-325.	0.9	7
21	ERp29 Restricts Connexin43 Oligomerization in the Endoplasmic Reticulum. Molecular Biology of the Cell, 2009, 20, 2593-2604.	2.1	75
22	Triplex Profiling of Functionally Distinct Chaperones (ERp29/PDI/BiP) Reveals Marked Heterogeneity of the Endoplasmic Reticulum Proteome in Cancer. Journal of Proteome Research, 2008, 7, 3364-3372.	3.7	39
23	Hierarchical Protein Identifications and Assignments. Journal of Proteome Research, 2006, 5, 733-733.	3.7	1
24	Towards second-generation proteome analysis of murine enamel-forming cells. European Journal of Oral Sciences, 2006, 114, 259-265.	1.5	12
25	Enamel Proteomics and Protein Interactions. European Journal of Oral Sciences, 2006, 114, 285-286.	1.5	10
26	Proteomic profiling of facial development in chick embryos. Proteomics, 2005, 5, 2542-2550.	2.2	22
27	Biophysical Characterization of ERp29. Journal of Biological Chemistry, 2005, 280, 13529-13537.	3.4	21
28	Calbindin Independence of Calcium Transport in Developing Teeth Contradicts the Calcium Ferry Dogma. Journal of Biological Chemistry, 2004, 279, 55850-55854.	3.4	27
29	ERp29, a general endoplasmic reticulum marker, is highly expressed throughout the brain. Journal of Comparative Neurology, 2004, 477, 29-42.	1.6	25
30	ERp29 Is a Ubiquitous Resident of the Endoplasmic Reticulum with a Distinct Role in Secretory Protein Production. Journal of Histochemistry and Cytochemistry, 2002, 50, 557-566.	2.5	48
31	Proteomic analysis of dental tissues. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 771, 211-220.	2.3	27
32	ToothPrint, a proteomic database for dental tissues. Proteomics, 2001, 1, 132-135.	2.2	13
33	Calcium Transport Across the Dental Enamel Epithelium. Critical Reviews in Oral Biology and Medicine, 2000, 11, 437-466.	4.4	101
34	Human ERp29: Isolation, primary structural characterisation and two-dimensional gel mapping. Electrophoresis, 2000, 21, 3785-3796.	2.4	35
35	Isolation of ERp29, a novel endoplasmic reticulum protein, from rat enamel cells. FEBS Journal, 2000, 267, 1945-1957.	0.2	55
36	Calbindin 28kDa is specifically associated with extranuclear constituents of the dense particulate fraction. Cell and Tissue Research, 2000, 302, 171-180.	2.9	16

#	Article	IF	Citations
37	Proteomic analysis of enamel cells from developing rat teeth: Big returns from a small tissue. Electrophoresis, 1998, 19, 1891-1900.	2.4	21
38	Enamel Cell Biology Towards a Comprehensive Biochemical Understanding. Connective Tissue Research, 1998, 38, 17-32.	2.3	19
39	Molecular cloning of ERp29, a novel and widely expressed resident of the endoplasmic reticulum. FEBS Letters, 1997, 402, 145-150.	2.8	70
40	Lysozyme and Î±-lactalbumin from the milk of a marsupial, the common brush-tailed possum (Trichosurus vulpecula)1Genbank accession numbers: Î±-lactalbumin U34288; lysozyme, U40664.1. Biochimica Et Biophysica Acta - General Subjects, 1997, 1336, 235-242.	2.4	27
41	Mitochondrial ATP synthase F1-Î²-subunit is a calcium-binding protein. FEBS Letters, 1996, 391, 323-329.	2.8	113
42	Abundant Calcium Homeostasis Machinery in Rat Dental Enamel Cells. FEBS Journal, 1996, 239, 611-623.	0.2	62
43	Calbindin28kDa and calbindin30kDa (calretinin) are substantially localised in the particulate fraction of rat brain. FEBS Letters, 1995, 374, 333-337.	2.8	47
44	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. FEBS Journal, 1995, 230, 68-79.	0.2	76
45	Differential feeding-related regulation of ubiquitin and calbindin9kDa, in rat duodenum. Biochimica Et Biophysica Acta - General Subjects, 1994, 1200, 191-196.	2.4	6
46	On target with a new mechanism for the regulation of protein phosphorylation. Trends in Biochemical Sciences, 1993, 18, 172-177.	7.5	918
47	Rapid purification and direct microassay of calbindin9kDa utilizing its solubility in perchloric acid. Biochemical Journal, 1993, 293, 223-227.	3.7	11
48	[36] Targeting subunits for protein phosphatases. Methods in Enzymology, 1991, 201, 414-427.	1.0	22
49	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. FEBS Journal, 1990, 189, 243-249.	0.2	69
50	Scanning Electron Microscopy of Trypsin-Treated Enamel from Fluorosed Rat Molars. Advances in Dental Research, 1989, 3, 183-187.	3.6	2
51	The glycogen-binding subunit of protein phosphatase-1g from rabbit skeletal muscle. Further characterisation of its structure and glycogen-binding properties. FEBS Journal, 1989, 180, 457-465.	0.2	80
52	Characterization of a high-affinity monoclonal antibody to calcineurin whose epitope defines a new structural domain of calcineurin A. FEBS Journal, 1989, 185, 411-418.	0.2	12
53	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. FEBS Journal, 1989, 186, 701-709.	0.2	118
54	Partial structure and hormonal regulation of rabbit liver inhibitor-1; distribution of inhibitor-1 and inhibitor-2 in rabbit and rat tissues. Biochimica Et Biophysica Acta - Molecular Cell Research, 1989, 1010, 218-226.	4.1	51

#	Article	IF	Citations
55	Multisite phosphorylation of the glycogen-binding subunit of protein phosphatase-1G by cyclic AMP-dependent protein kinase and glycogen synthase kinase-3. FEBS Letters, 1989, 248, 67-72.	2.8	70
56	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. FEBS Journal, 1989, 186, 711-716.	0.2	99
57	Functional domain structure of calcineurin A: mapping by limited proteolysis. Biochemistry, 1989, 28, 1868-1874.	2.5	200
58	Isolation and morphological characterization of a mycelial mutant of Candida albicans. Journal of Bacteriology, 1986, 165, 61-65.	2.2	54
59	The isolation of plasma membrane and characterisation of the plasma membrane ATPase from the yeast Candida albicans. FEBS Journal, 1986, 154, 375-381.	0.2	32
60	Morphological studies of N-acetylglucosamine induced germ tube formation by Candida albicans. Canadian Journal of Microbiology, 1985, 31, 696-701.	1.7	25
61	Characterization of a tetraploid derivative of Candida albicans ATCC 10261. Journal of Bacteriology, 1985, 161, 781-783.	2.2	15
62	Correlated Light and Scanning Electron Microscopy of Artificial Carious Lesions. Journal of Dental Research, 1982, 61, 14-19.	5.2	12
63	Calmodulin-like activity in a mineralising tissue: The rat molar tooth germ. Calcified Tissue International, 1981, 33, 545-548.	3.1	21
64	Rapid dissection of rodent molar-tooth germs. Laboratory Animals, 1981, 15, 371-373.	1.0	10
65	Parasexual genetic analysis of Candida albicans by spheroplast fusion. Journal of Bacteriology, 1981, 146, 833-840.	2.2	115