

Ian H Mather

List of Publications by Year in descending order

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16
papers

1,079
citations

623574

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940416

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docs citations

17
times ranked

945
citing authors

#	ARTICLE	IF	CITATIONS
1	The butyrophilin 1a1 knockout mouse revisited: Ablation of <i>Btn1a1</i> leads to concurrent cell death and renewal in the mammary epithelium during lactation. <i>FASEB BioAdvances</i> , 2021, 3, 971-997.	1.3	4
2	Kinetics of milk lipid droplet transport, growth, and secretion revealed by intravital imaging: lipid droplet release is intermittently stimulated by oxytocin. <i>Molecular Biology of the Cell</i> , 2017, 28, 935-946.	0.9	68
3	Ultrastructural and immunocytochemical evidence for the reorganisation of the milk fat globule membrane after secretion. <i>Cell and Tissue Research</i> , 2017, 367, 283-295.	1.5	9
4	Intravital Imaging of the Lactating Mammary Gland in Transgenic Mice Expressing Fluorescent Proteins. , 2014, , 187-204.		3
5	A Test of Current Models for the Mechanism of Milk Lipid Droplet Secretion. <i>Traffic</i> , 2013, 14, 974-986.	1.3	30
6	BTN1A1, the Mammary Gland Butyrophilin, and BTN2A2 Are Both Inhibitors of T Cell Activation. <i>Journal of Immunology</i> , 2010, 184, 3514-3525.	0.4	115
7	The PRY/SPRY/B30.2 Domain of Butyrophilin 1A1 (BTN1A1) Binds to Xanthine Oxidoreductase. <i>Journal of Biological Chemistry</i> , 2009, 284, 22444-22456.	1.6	59
8	A Flavin-Dependent Sulfhydryl Oxidase in Bovine Milk. <i>Biochemistry</i> , 2007, 46, 13031-13040.	1.2	35
9	Expression of butyrophilin (<i>Btn1a1</i>) in lactating mammary gland is essential for the regulated secretion of milk-lipid droplets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 10084-10089.	3.3	173
10	Origin and secretion of milk lipids. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 1998, 3, 259-273.	1.0	285
11	Butyrophilin Is Expressed in Mammary Epithelial Cells from a Single-sized Messenger RNA as a Type I Membrane Glycoprotein. <i>Journal of Biological Chemistry</i> , 1998, 273, 4171-4179.	1.6	51
12	Cloning, localization, and structure of new members of the butyrophilin gene family in the juxta-telomeric region of the major histocompatibility complex. <i>Immunogenetics</i> , 1997, 47, 55-63.	1.2	43
13	Monoclonal antibodies prepared against PAS-I butyrophilin and GP-55 from guinea-pig milk-fat-globule membrane bind specifically to the apical pole of secretory-epithelial cells in lactating mammary tissue. <i>Experimental Cell Research</i> , 1985, 158, 144-158.	1.2	23
14	Separation of the Proteins of Bovine Milk-Fat-Globule Membrane by Electrofocusing with Retention of Enzymatic and Immunological Activity. <i>FEBS Journal</i> , 1980, 110, 327-336.	0.2	62
15	Separation of the proteins of bovine milk-fat globule membrane by electrofocusing. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1978, 514, 25-36.	1.4	29
16	Membranes of Mammary Gland. XII. Loosely Associated Proteins and Compositional Heterogeneity of Bovine Milk Fat Globule Membrane. <i>Journal of Dairy Science</i> , 1977, 60, 394-402.	1.4	66