

Junko Fujita-Yoshigaki

List of Publications by Year in descending order

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50
papers

812
citations

430874

18
h-index

526287

27
g-index

50
all docs

50
docs citations

50
times ranked

685
citing authors

#	ARTICLE	IF	CITATIONS
1	Vesicle-associated Membrane Protein 2 Is Essential for cAMP-regulated Exocytosis in Rat Parotid Acinar Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 13130-13134.	3.4	75
2	Association of Fc γ RII with Low-Density Detergent-Resistant Membranes Is Important for Cross-Linking-Dependent Initiation of the Tyrosine Phosphorylation Pathway and Superoxide Generation. <i>Journal of Immunology</i> , 2001, 167, 5814-5823.	0.8	61
3	Enhancement of barrier function by overexpression of claudin-4 in tight junctions of submandibular gland cells. <i>Cell and Tissue Research</i> , 2008, 334, 255-264.	2.9	52
4	Divergence and Convergence in Regulated Exocytosis. <i>Cellular Signalling</i> , 1998, 10, 371-375.	3.6	48
5	Presence of a Complex Containing Vesicle-associated Membrane Protein 2 in Rat Parotid Acinar Cells and Its Disassembly upon Activation of cAMP-dependent Protein Kinase. <i>Journal of Biological Chemistry</i> , 1999, 274, 23642-23646.	3.4	45
6	Involvement of Aquaporin-5 Water Channel in Osmoregulation in Parotid Secretory Granules. <i>Journal of Membrane Biology</i> , 2005, 203, 119-126.	2.1	42
7	Site-directed mutagenesis, fluorescence, and two-dimensional NMR studies on microenvironments of effector region aromatic residues of human c-Ha-Ras protein. <i>Biochemistry</i> , 1994, 33, 65-73.	2.5	36
8	Inhibition of Src and p38 MAP kinases suppresses the change of claudin expression induced on dedifferentiation of primary cultured parotid acinar cells. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 294, C774-C785.	4.6	32
9	A primary culture of parotid acinar cells retaining capacity for agonists-induced amylase secretion and generation of new secretory granules. <i>Cell and Tissue Research</i> , 2005, 320, 455-464.	2.9	31
10	Presence and localization of aquaporin-6 in rat parotid acinar cells. <i>Cell and Tissue Research</i> , 2008, 332, 73-80.	2.9	25
11	A Constitutive Effector Region on the C-terminal Side of Switch I of the Ras Protein. <i>Journal of Biological Chemistry</i> , 1995, 270, 4661-4667.	3.4	24
12	Involvement of phospholipase D in the cAMP-regulated exocytosis of rat parotid acinar cells. <i>Biochemical and Biophysical Research Communications</i> , 2002, 299, 663-668.	2.1	24
13	Cyclic AMP has distinct effects from Ca ²⁺ in evoking priming and fusion/exocytosis in parotid amylase secretion. <i>Pflügers Archiv European Journal of Physiology</i> , 2002, 444, 586-596.	2.8	22
14	Translocation of Arf1 to the Secretory Granules in Rat Parotid Acinar Cells. <i>Archives of Biochemistry and Biophysics</i> , 1998, 357, 147-154.	3.0	21
15	Phosphorylation of myristoylated alanine-rich C kinase substrate is involved in the cAMP-dependent amylase release in parotid acinar cells. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, G1382-G1390.	3.4	21
16	c-Ha-Ras mutants with point mutations in Gln-Val-Val region have reduced inhibitory activity toward cathepsin B. <i>Cancer Letters</i> , 1993, 69, 161-165.	7.2	20
17	Complex Gangliosides as Cell Surface Inhibitors for the Ecto-NAD ⁺ Glycohydrolase of CD38. <i>Biochemistry</i> , 2001, 40, 888-895.	2.5	19
18	Differences in claudin synthesis in primary cultures of acinar cells from rat salivary gland are correlated with the specific three-dimensional organization of the cells. <i>Cell and Tissue Research</i> , 2007, 329, 59-70.	2.9	19

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19	Maintenance of paracellular barrier function by insulin-like growth factor-I in submandibular gland cells. <i>Archives of Oral Biology</i> , 2010, 55, 963-969.	1.8	19
20	Difference in distribution of membrane proteins between low- and high-density secretory granules in parotid acinar cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 283-292.	2.1	17
21	cGMP production is coupled to Ca ²⁺ -dependent nitric oxide generation in rabbit parotid acinar cells. <i>Cell Calcium</i> , 1998, 23, 405-412.	2.4	15
22	Syntaxin6 separates from GM1a-rich membrane microdomain during granule maturation. <i>Biochemical and Biophysical Research Communications</i> , 2007, 357, 1071-1077.	2.1	14
23	Identification of amino acid residues of Ras protein that are essential for signal-transducing activity but not for enhancement of GTPase activity by GAP. <i>FEBS Letters</i> , 1991, 294, 187-190.	2.8	13
24	Maintenance of claudin-3 expression and the barrier functions of intercellular junctions in parotid acinar cells via the inhibition of Src signaling. <i>Archives of Oral Biology</i> , 2017, 81, 141-150.	1.8	11
25	Simulation of Regulated Exocytosis of Amylase from Salivary Parotid Acinar Cells by a Consecutive Reaction Model Comprising Two Sequential First-order Reactions. <i>Journal of Theoretical Biology</i> , 2000, 204, 165-177.	1.7	10
26	Involvement of AQP6 in the Mercury-Sensitive Osmotic Lysis of Rat Parotid Secretory Granules. <i>Journal of Membrane Biology</i> , 2013, 246, 209-214.	2.1	10
27	Analysis of Changes in the Expression Pattern of Claudins Using Salivary Acinar Cells in Primary Culture. <i>Methods in Molecular Biology</i> , 2011, 762, 245-258.	0.9	9
28	Sorting of a HaloTag protein that has only a signal peptide sequence into exocrine secretory granules without protein aggregation. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, G685-G696.	3.4	9
29	Guanine-nucleotide binding activity, interaction with GTPase-activating protein and solution conformation of the human c-Ha-Ras protein catalytic domain are retained upon deletion of C-terminal 18 amino acid residues. <i>The Protein Journal</i> , 1992, 11, 731-739.	1.1	8
30	Parotid acinar cells transiently change to duct-like cells during epithelial-mesenchymal transition. <i>Journal of Medical Investigation</i> , 2009, 56, 258-259.	0.5	8
31	Characteristics of neurokinin A-induced salivary fluid secretion in perfused rat submandibular gland. <i>Archives of Oral Biology</i> , 2010, 55, 737-744.	1.8	8
32	RP-HPLC-ESI-MS characterization of novel peptide fragments related to rat parotid secretory protein in parasympathetic induced saliva. <i>Journal of Separation Science</i> , 2009, 32, 2944-2952.	2.5	7
33	The actin-specific reagent jasplakinolide induces apoptosis in primary rat parotid acinar cells. <i>Archives of Oral Biology</i> , 2012, 57, 567-576.	1.8	7
34	Thiol-oxidation reduces the release of amylase induced by β_2 -adrenergic receptor activation in rat parotid acinar cells. <i>Biomedical Research</i> , 2010, 31, 293-299.	0.9	4
35	The sorting mechanism underlying the separation of salivary proteins into secretory granules in parotid glands. <i>Journal of Oral Biosciences</i> , 2014, 56, 97-100.	2.2	4
36	MC3T3-E1 Cell Assay on Collagen or Fibronectin Immobilized Poly (Lactic Acid- β -Caprolactone) Film. <i>Journal of Hard Tissue Biology</i> , 2015, 24, 249-256.	0.4	4

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37	Secretory proteins without a transport signal are retained in secretory granules during maturation in rat parotid acinar cells. <i>Archives of Oral Biology</i> , 2015, 60, 642-649.	1.8	4
38	Plasticity in Differentiation of Salivary Glands: The Signaling Pathway That Induces Dedifferentiation of Parotid Acinar Cells. <i>Journal of Oral Biosciences</i> , 2010, 52, 65-71.	2.2	3
39	Phosphodiesterases 1 and 2 regulate cellular cGMP level in rabbit submandibular gland cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 876-886.	2.8	2
40	Determinants for selective transport of exogenously expressed cargo proteins into regulated and constitutive secretory pathways. <i>Journal of Oral Biosciences</i> , 2017, 59, 87-91.	2.2	2
41	Suppression of parotid acinar cell dysfunction by the free radical scavenger 3-methyl-1-phenyl-2-pyrazolin-5-one. <i>Journal of Oral Science</i> , 2019, 61, 475-480.	1.7	2
42	Role of Aquaporin-6 in Rat Parotid Secretory Granules. <i>Journal of Oral Biosciences</i> , 2011, 53, 312-317.	2.2	1
43	Effects of [6]-Gingerol on Dedifferentiation of Salivary Acinar Cells. <i>International Journal of Oral-Medical Sciences</i> , 2013, 11, 315-319.	0.1	1
44	Expression of the Stem Cell Marker Nestin in Response to Tissue Injuries of Parotid Acinar Cells . <i>International Journal of Oral-Medical Sciences</i> , 2017, 15, 93-97.	0.1	1
45	Syntaxin 6 is Involved in the Maintenance of Secretory Granules in Parotid Acinar Cells . <i>International Journal of Oral-Medical Sciences</i> , 2017, 15, 67-73.	0.1	1
46	Role of protein kinase C-DELTA. in isoproterenol-induced amylase release in rat parotid acinar cells. <i>Journal of Medical Investigation</i> , 2009, 56, 368-370.	0.5	1
47	Switching of cargo sorting from the constitutive to regulated secretory pathway by the addition of cystatin D sequence in salivary acinar cells. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, G74-G86.	3.4	0
48	The thiol-oxidizing agent diamide reduces isoproterenol-stimulated amylase release in rat parotid acinar cells. <i>Journal of Medical Investigation</i> , 2009, 56, 284-286.	0.5	0
49	Separation of immature granules containing color dye from the rat parotid gland. <i>Journal of Medical Investigation</i> , 2009, 56, 391-392.	0.5	0
50	Change in Expression Patterns of Micro RNAs in the Primary Culture of Parotid Acinar Cells. <i>International Journal of Oral-Medical Sciences</i> , 2019, 17, 120-128.	0.1	0