

Karim Louchami

List of Publications by Year in descending order

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25
papers

338
citations

759233

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839539

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all docs

25
docs citations

25
times ranked

518
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Role for Aquaporin 7 in Insulin Secretion. <i>Cellular Physiology and Biochemistry</i> , 2012, 29, 65-74.	1.6	38
2	Intermittent Fasting Modulation of the Diabetic Syndrome in Streptozotocin-Injected Rats. <i>International Journal of Endocrinology</i> , 2012, 2012, 1-12.	1.5	35
3	Noninvasive imaging of pancreatic β cells. <i>Nature Reviews Endocrinology</i> , 2009, 5, 394-400.	9.6	30
4	Comparison of different compressed sensing algorithms for low SNR ^{19}F MRI applications—Imaging of transplanted pancreatic islets and cells labeled with perfluorocarbons. <i>NMR in Biomedicine</i> , 2017, 30, e3776.	2.8	26
5	Pancreatic Islet Function in 3 Fatty Acid-Depleted Rats: Glucose Metabolism and Nutrient-Stimulated Insulin Release. <i>Endocrine</i> , 2006, 29, 457-466.	2.2	24
6	Stimulus-secretion coupling of hypotonicity-induced insulin release in BRIN-BD11 cells. <i>Endocrine</i> , 2006, 30, 353-363.	2.2	19
7	Intermittent fasting modulation of the diabetic syndrome in sand rats. II. In vivo investigations. <i>International Journal of Molecular Medicine</i> , 2010, 26, 759-65.	4.0	19
8	Expression of the electrogenic $\text{Na}^+\text{HCO}_3^-$ -cotransporters NBCe1-A and NBCe1-B in rat pancreatic islet cells. <i>Endocrine</i> , 2009, 35, 449-458.	2.3	17
9	Glucose Transport by Acinar Cells in Rat Parotid Glands. <i>Cellular Physiology and Biochemistry</i> , 2012, 29, 325-330.	1.6	17
10	^{19}F -heptuloses as tools for the non-invasive imaging of GLUT2-expressing cells. <i>Archives of Biochemistry and Biophysics</i> , 2012, 517, 138-143.	3.0	16
11	Brain phospholipid and triglyceride fatty acid content and pattern in Type 1 and Type 2 diabetic rats. <i>Neuroscience Letters</i> , 2006, 409, 75-79.	2.1	13
12	Intermittent fasting modulation of the diabetic syndrome in sand rats. III. Post-mortem investigations. <i>International Journal of Molecular Medicine</i> , 2010, 27, 95-102.	4.0	13
13	Tri-modal In vivo Imaging of Pancreatic Islets Transplanted Subcutaneously in Mice. <i>Molecular Imaging and Biology</i> , 2018, 20, 940-951.	2.6	13
14	Opposite effects of d-fructose on total versus cytosolic ATP/ADP ratio in pancreatic islet cells. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 773-780.	1.0	10
15	Rapid changes in liver lipid composition and pancreatic islet K^+ handling and secretory behaviour provoked by the intravenous administration of a medium-chain triglyceride: fish oil emulsion to long-chain polyunsaturated omega3 fatty acid-depleted rats. <i>International Journal of Molecular Medicine</i> , 2006, 18, 1047-55.	4.0	10
16	Expression of the Electrogenic $\text{Na}^+\text{HCO}_3^-$ -Cotransporter NBCe1 in Tumoral Insulin-Producing BRIN-BD11 Cells. <i>Cellular Physiology and Biochemistry</i> , 2009, 24, 187-192.	1.6	9
17	In vivo and ex vivo ^{19}F magnetic resonance imaging and spectroscopy of beta cells and pancreatic islets using GLUT2 specific contrast agents. <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 506-513.	0.8	7
18	Improved Labeling of Pancreatic Islets Using Cationic Magnetoliposomes. <i>Journal of Personalized Medicine</i> , 2018, 8, 12.	2.5	6

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19	L-glutamine and palmitate catabolism in pancreatic islets from rats depleted in long-chain polyunsaturated 1%3 fatty acids. <i>Cell Biochemistry and Function</i> , 2008, 26, 82-86.	2.9	4
20	Labeling of Pancreatic Glycogen by D-[U- ¹⁴ C]Glucose in Hyperglycemic Rats. <i>Endocrine</i> , 2001, 14, 383-398.	2.2	3
21	Direct effects of eicosapentaenoic and docosahexaenoic acids on phospholipid and triglyceride fatty acid pattern, glucose metabolism, 86rubidium net uptake and insulin release in BRIN-BD11 cells. <i>Endocrine</i> , 2009, 35, 438-448.	2.3	3
22	Fatty acid pattern of pancreatic islet lipids in Goto-Kakizaki rats. <i>Endocrine</i> , 2010, 37, 173-179.	2.3	3
23	Phospholipid and triacylglycerol fatty acid content and pattern in the cardiac endothelium of rats depleted in long-chain polyunsaturated 1%3 fatty acids. <i>Cell Biochemistry and Function</i> , 2008, 26, 33-38.	2.9	1
24	Uptake and efflux of 3-O-methyl-D-glucose in rat parotid cells. <i>Biomedical Reports</i> , 2013, 1, 638-640.	2.0	1
25	Fatty acid content and pattern of epididymal and parametrial adipose tissue lipids in streptozotocin (type 1) and Goto-Kakizaki (type 2) diabetic rats. <i>International Journal of Molecular Medicine</i> , 2006, 18, 1231-4.	4.0	1