

Sietse Jan Koopmans

List of Publications by Citations

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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.

14
papers

455
citations

11
h-index

14
g-index

14
ext. papers

534
ext. citations

4.7
avg, IF

3.35
L-index

#	Paper	IF	Citations
14	Critical review evaluating the pig as a model for human nutritional physiology. <i>Nutrition Research Reviews</i> , 2016 , 29, 60-90	7	143
13	Surplus dietary tryptophan reduces plasma cortisol and noradrenaline concentrations and enhances recovery after social stress in pigs. <i>Physiology and Behavior</i> , 2005 , 85, 469-78	3.5	69
12	Considerations on pig models for appetite, metabolic syndrome and obese type 2 diabetes: From food intake to metabolic disease. <i>European Journal of Pharmacology</i> , 2015 , 759, 231-9	5.3	55
11	Coronary microvascular dysfunction after long-term diabetes and hypercholesterolemia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 311, H1339-H1351	5.2	37
10	Association of insulin resistance with hyperglycemia in streptozotocin-diabetic pigs: effects of metformin at isoenergetic feeding in a type 2-like diabetic pig model. <i>Metabolism: Clinical and Experimental</i> , 2006 , 55, 960-71	12.7	31
9	Dietary saturated fat/cholesterol, but not unsaturated fat or starch, induces C-reactive protein associated early atherosclerosis and ectopic fat deposition in diabetic pigs. <i>Cardiovascular Diabetology</i> , 2011 , 10, 64	8.7	28
8	Surplus dietary tryptophan inhibits stress hormone kinetics and induces insulin resistance in pigs. <i>Physiology and Behavior</i> , 2009 , 98, 402-10	3.5	21
7	Plasma proteome profiles associated with diet-induced metabolic syndrome and the early onset of metabolic syndrome in a pig model. <i>PLoS ONE</i> , 2013 , 8, e73087	3.7	20
6	Diurnal rhythms in plasma cortisol, insulin, glucose, lactate and urea in pigs fed identical meals at 12-hourly intervals. <i>Physiology and Behavior</i> , 2005 , 84, 497-503	3.5	20
5	In vivo insulin responsiveness for glucose uptake and production at eu- and hyperglycemic levels in normal and diabetic rats. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1992 , 1115, 230-8	4	18
4	The existence of an insulin-stimulated glucose and non-essential but not essential amino acid substrate interaction in diabetic pigs. <i>BMC Biochemistry</i> , 2011 , 12, 25	4.8	12
3	Changes in Plasma Protein Expression Indicative of Early Diet-induced Metabolic Disease in Male Pigs (). <i>Comparative Medicine</i> , 2018 , 68, 286-293	1.6	1
2	Dietary sialylated oligosaccharides in early-life may promote cognitive flexibility during development in context of obesogenic dietary intake. <i>Nutritional Neuroscience</i> , 2021 , 1-18	3.6	0
1	Beneficial effects of a plant-fish oil, slow carbohydrate diet on cardio-metabolic health exceed the correcting effects of metformin-pioglitazone in diabetic pigs fed a fast-food diet. <i>PLoS ONE</i> , 2021 , 16, e0257299	3.7	