# Sietse Jan Koopmans

## List of Publications by Year in Descending Order



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