

# Claude Remacle

## List of Publications by Year in descending order

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46  
papers

3,661  
citations

218677

26  
h-index

223800

46  
g-index

46  
all docs

46  
docs citations

46  
times ranked

4007  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diet-Induced Obesity in Female Mice Leads to Offspring Hyperphagia, Adiposity, Hypertension, and Insulin Resistance. <i>Hypertension</i> , 2008, 51, 383-392.	2.7	798
2	Effect of a Low Protein Diet during Pregnancy on the Fetal Rat Endocrine Pancreas. <i>Neonatology</i> , 1990, 57, 107-118.	2.0	581
3	Is taurine a functional nutrient?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2006, 9, 728-733.	2.5	271
4	Sex- and Diet-Specific Changes of Imprinted Gene Expression and DNA Methylation in Mouse Placenta under a High-Fat Diet. <i>PLoS ONE</i> , 2010, 5, e14398.	2.5	196
5	The Importance of Catch-Up Growth after Early Malnutrition for the Programming of Obesity in Male Rat. <i>Obesity</i> , 2006, 14, 1330-1343.	3.0	182
6	Maternal Diets Trigger Sex-Specific Divergent Trajectories of Gene Expression and Epigenetic Systems in Mouse Placenta. <i>PLoS ONE</i> , 2012, 7, e47986.	2.5	153
7	Circulating Activated Platelets Assist THP-1 Monocytoid/Endothelial Cell Interaction Under Shear Stress. <i>Blood</i> , 1999, 94, 2725-2734.	1.4	121
8	Taurine Supplementation of a Low Protein Diet Fed to Rat Dams Normalizes the Vascularization of the Fetal Endocrine Pancreas. <i>Journal of Nutrition</i> , 2003, 133, 2820-2825.	2.9	107
9	Glucocorticoids induce a drastic inhibition of proliferation and stimulate differentiation of adult rat fat cell precursors. <i>Experimental Cell Research</i> , 1991, 196, 270-278.	2.6	96
10	A Low-Protein Isocaloric Diet During Gestation Affects Brain Development and Alters Permanently Cerebral Cortex Blood Vessels in Rat Offspring. <i>Journal of Nutrition</i> , 1999, 129, 1613-1619.	2.9	95
11	Maternal low-protein diet alters pancreatic islet mitochondrial function in a sex-specific manner in the adult rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R1516-R1525.	1.8	83
12	Programming of the endocrine pancreas by the early nutritional environment. <i>International Journal of Biochemistry and Cell Biology</i> , 2006, 38, 913-922.	2.8	82
13	Interferon- $\gamma$ and interleukin- $1\beta$ inhibit adipogenesis in cultured rodent preadipocytes. <i>Journal of Cellular Physiology</i> , 1992, 151, 300-309.	4.1	69
14	The adipose conversion process: regulation by extracellular and intracellular factors. <i>Reproduction, Nutrition, Development</i> , 2000, 40, 325-358.	1.9	65
15	Isocaloric maternal low-protein diet alters IGF-I, IGF-BPs, and hepatocyte proliferation in the fetal rat. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 285, E991-E1000.	3.5	59
16	A Protein-Restricted Diet during Pregnancy Alters in Vitro Insulin Secretion from Islets of Fetal Wistar Rats. <i>Journal of Nutrition</i> , 2001, 131, 1555-1559.	2.9	55
17	Early Low Protein Diet Aggravates Unbalance between Antioxidant Enzymes Leading to Islet Dysfunction. <i>PLoS ONE</i> , 2009, 4, e6110.	2.5	52
18	Developmental programming of adult obesity and cardiovascular disease in rodents by maternal nutrition imbalance. <i>American Journal of Clinical Nutrition</i> , 2011, 94, S1846-S1852.	4.7	49

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19	Maternal malnutrition programs pancreatic islet mitochondrial dysfunction in the adult offspring. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 985-994.	4.2	48
20	Fetal Determinants of Type 2 Diabetes. <i>Current Drug Targets</i> , 2007, 8, 935-941.	2.1	43
21	The stroma-vascular fraction of rat inguinal and epididymal adipose tissue and the adipoconversion of fat cell precursors in primary culture. <i>Biology of the Cell</i> , 1990, 69, 215-222.	2.0	42
22	Maternal malnutrition programs the endocrine pancreas in progeny. <i>American Journal of Clinical Nutrition</i> , 2011, 94, S1824-S1829.	4.7	40
23	Prenatal Protein Restriction Does Not Affect the Proliferation and Differentiation of Rat Preadipocytes. <i>Journal of Nutrition</i> , 2004, 134, 1493-1499.	2.9	34
24	Maternal protein intake in the pregnant rat programs the insulin axis and body composition in the offspring. <i>Metabolism: Clinical and Experimental</i> , 2006, 55, 642-649.	3.4	31
25	Does Early Mismatched Nutrition Predispose to Hypertension and Atherosclerosis, in Male Mice?. <i>PLoS ONE</i> , 2010, 5, e12656.	2.5	29
26	Intergenerational Effect of an Adverse Intrauterine Environment on Perturbation of Glucose Metabolism. <i>Twin Research and Human Genetics</i> , 2001, 4, 406-411.	1.0	28
27	Organ culture of the islets of Langerhans from young and senescent rats. <i>Cell and Tissue Research</i> , 1980, 207, 429-448.	2.9	23
28	Relationship between CRP and hypofibrinolysis: Is this a possible mechanism to explain the association between CRP and outcome in critically ill patients?. <i>Thrombosis Journal</i> , 2004, 2, 7.	2.1	22
29	Results of a Long-Term Low-Level Microwave Exposure of Rats. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2009, 57, 2488-2497.	4.6	21
30	Various stimulators of the cyclic AMP pathway fail to promote adipose conversion of porcine preadipocytes in primary culture. <i>Differentiation</i> , 1999, 64, 255-262.	1.9	19
31	In vitro cytodifferentiation of perinatal rat islet cells within a tridimensional matrix of collagen. <i>In Vitro Cellular &amp; Developmental Biology</i> , 1988, 24, 91-99.	1.0	18
32	Alteration of mitochondrial function in adult rat offspring of malnourished dams. <i>World Journal of Diabetes</i> , 2011, 2, 149.	3.5	18
33	Intracellular Levels and Secretion of Insulin-Like-Growth-Factor-Binding Proteins in MCF-7/6, MCF-7/AZ and MDA-MB-231 Breast Cancer Cells. Differential Modulation by Estrogens in Serum-Free Medium. <i>FEBS Journal</i> , 1995, 232, 47-53.	0.2	17
34	Intergenerational Effect of an Adverse Intrauterine Environment on Perturbation of Glucose Metabolism. <i>Twin Research and Human Genetics</i> , 2001, 4, 406-411.	1.0	16
35	Fibrinolysis and cardiovascular risk factors: Association with fibrinogen, lipids, and monocyte count. <i>European Journal of Internal Medicine</i> , 2006, 17, 102-108.	2.2	16
36	Western immunoblotting and enzymatic activity analysis of cathepsin D in human breast cancer cell lines of different invasive potential. Regulation by 17beta-estradiol, tamoxifen and ICI 182,780. <i>Clinical and Experimental Metastasis</i> , 1997, 15, 349-360.	3.3	14

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37	Exposure of Endothelial Cells to Physiological Levels of Myeloperoxidase-Modified LDL Delays Pericellular Fibrinolysis. PLoS ONE, 2012, 7, e38810.	2.5	14
38	The regulation of IGFs and IGFBNs by prolactin in primary culture of fetal rat hepatocytes is influenced by maternal malnutrition. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E835-E842.	3.5	12
39	Accumulation capacity of primary cultures of adipocytes for PCB-126: Influence of cell differentiation stage and triglyceride levels. Toxicology Letters, 2012, 214, 243-250.	0.8	12
40	The modulation of cell shape influences porcine preadipocyte differentiation. In Vitro Cellular and Developmental Biology - Animal, 1999, 35, 61-63.	1.5	8
41	Monocyte-platelet complexes on CD14/CD16 monocyte subsets: relationship with ApoA-I levels. A preliminary study. Cardiovascular Pathology, 2008, 17, 285-288.	1.6	6
42	The aging of the endocrine pancreas of the rat. I. Parameters of cell proliferation. Mechanisms of Ageing and Development, 1988, 43, 11-24.	4.6	5
43	The aging of the endocrine pancreas of the rat. II. Cytoplasmic parameters of the B-cell, including insulin synthesis and secretion. Mechanisms of Ageing and Development, 1988, 43, 25-44.	4.6	4
44	Programming of Impaired Insulin Secretion Versus Sensitivity: Cause or Effect?. Advances in Experimental Medicine and Biology, 2009, 646, 125-131.	1.6	3
45	Ultrastructural aspects of streptozotocin cytotoxicity on rat pancreatic islets in vitro. Vigiliae Christianae, 1987, 53, 107-112.	0.1	2
46	Effects of raloxifene treatment on the phenotype of blood monocytes. Canadian Journal of Physiology and Pharmacology, 2010, 88, 601-605.	1.4	2