Karine Clement

List of Publications by Year in Descending Order

258 papers	25,548 citations	72 h-index	158 g-index
288 ext. papers	31,321 ext. citations	8.6 avg, IF	6.91 L-index

#	Paper	IF	Citations
258	Persistence of severe liver fibrosis despite substantial weight loss with bariatric surgery.. *Hepatology*, **2022**,	11.2	2
257	Quality of life outcomes in two phase 3 trials of setmelanotide in patients with obesity due to LEPR or POMC deficiency.. *Orphanet Journal of Rare Diseases*, **2022**, 17, 38	4.2	1
256	Increased serum miR-193a-5p during non-alcoholic fatty liver disease progression: Diagnostic and mechanistic relevance.. *JHEP Reports*, **2022**, 4, 100409	10.3	4
255	Long-Term Weight Outcome After Bariatric Surgery in Patients with Melanocortin-4 Receptor Gene Variants: a Case-Control Study of 105 Patients.. *Obesity Surgery*, **2022**, 1	3.7	1
254	Impairment of gut microbial biotin metabolism and host biotin status in severe obesity: effect of biotin and prebiotic supplementation on improved metabolism.. *Gut*, **2022**,	19.2	5
253	Microbiome and metabolome features of the cardiometabolic disease spectrum.. *Nature Medicine*, **2022**,	50.5	4
252	Enteroendocrine System and Gut Barrier in Metabolic Disorders.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	1
251	The human gut microbiota contributes to type-2 diabetes non-resolution 5-years after Roux-en-Y gastric bypass.. *Gut Microbes*, **2022**, 14, 2050635	8.8	1
250	Intermittent Hypoxia Rewires the Liver Transcriptome and Fires up Fatty Acids Usage for Mitochondrial Respiration.. *Frontiers in Medicine*, **2022**, 9, 829979	4.9	
249	Dysregulation of macrophage PEPD in obesity determines adipose tissue fibro-inflammation and insulin resistance.. *Nature Metabolism*, **2022**, 4, 476-494	14.6	1
248	Beta-hydroxybutyrate dampens adipose progenitors' profibrotic activation through canonical Tgf signaling and non-canonical ZFP36-dependent mechanisms.. *Molecular Metabolism*, **2022**, 101512	8.8	0
247	Rare genetic causes of obesity: diagnosis and management in clinical care.. *Annales DlEndocrinologie*, **2021**,	1.7	1
246	Macrophage Scavenger Receptor 1 mediates lipid-induced inflammation in non-alcoholic fatty liver disease.. *Journal of Hepatology*, **2021**,	13.4	4
245	Combinatorial, additive and dose-dependent drug-microbiome associations. *Nature*, **2021**,	50.4	11
244	Gut microbiota and vitamin status in persons with obesity: A key interplay. *Obesity Reviews*, **2021**, 23, e13377	10.6	2
243	Adipose Tissue Fibrosis in Obesity: Etiology and Challenges. *Annual Review of Physiology*, **2021**,	23.1	8
242	Relative Adipose Tissue Failure in Alstrm Syndrome Drives Obesity-Induced Insulin Resistance. *Diabetes*, **2021**, 70, 364-376	0.9	5

241	Hnf4g invalidation prevents diet-induced obesity via intestinal lipid malabsorption. *Journal of Endocrinology*, **2021**, 252, 31-44	4.7	0
240	Into the wild: early time-window for wild microbes to confer resistance to obesity. *Nature Reviews Endocrinology*, **2021**, 17, 711-712	15.2	
239	Altered subcutaneous adipose tissue parameters after switching ART-controlled HIV+ patients to raltegravir/maraviroc. *Aids*, **2021**, 35, 1625-1630	3.5	1
238	Adipose tissue fibrosis assessed by high resolution MRI as a hallmark of tissue alteration in morbid obesity. *Quantitative Imaging in Medicine and Surgery*, **2021**, 11, 2162-2168	3.6	1
237	A Melanocortin-4 Receptor Agonist Induces Skin and Hair Pigmentation in Patients with Monogenic Mutations in the Leptin-Melanocortin Pathway. *Skin Pharmacology and Physiology*, **2021**, 34, 307-316	3	2
236	Effects of the COVID-19 pandemic and lockdown on the mental and physical health of adults with Prader-Willi syndrome. *Orphanet Journal of Rare Diseases*, **2021**, 16, 202	4.2	6
235	Timing of Onset of Adverse Events With Setmelanotide, an MC4R Agonist, in Patients With Severe Obesity Due to LEPR or POMC Deficiency. *Journal of the Endocrine Society*, **2021**, 5, A30-A31	0.4	78
234	Human and preclinical studies of the host-gut microbiome co-metabolite hippurate as a marker and mediator of metabolic health. *Gut*, **2021**, 70, 2105-2114	19.2	13
233	Gut microbiota changes after metabolic surgery in adult diabetic patients with mild obesity: a randomised controlled trial. *Diabetology and Metabolic Syndrome*, **2021**, 13, 56	5.6	3
232	The multifaceted progenitor fates in healthy or unhealthy adipose tissue during obesity. *Reviews in Endocrine and Metabolic Disorders*, **2021**, 1	10.5	1
231	The Impact of the COVID-19 Lockdown on Weight Loss and Body Composition in Subjects with Overweight and Obesity Participating in a Nationwide Weight-Loss Program: Impact of a Remote Consultation Follow-Up-The CO-RNPC Study. *Nutrients*, **2021**, 13,	6.7	2
230	Implication of Heterozygous Variants in Genes of the Leptin-Melanocortin Pathway in Severe Obesity. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, 2991-3006	5.6	4
229	The melanocortin pathway and energy homeostasis: From discovery to obesity therapy. *Molecular Metabolism*, **2021**, 48, 101206	8.8	24
228	Abdominal adipose tissue components quantification in MRI as a relevant biomarker of metabolic profile. *Magnetic Resonance Imaging*, **2021**, 80, 14-20	3.3	1
227	Weight Loss After Sleeve Gastrectomy: Does Type 2 Diabetes Status Impact Weight and Body Composition Trajectories?. *Obesity Surgery*, **2021**, 31, 1046-1054	3.7	2
226	Lysosomal Acid Lipase Drives Adipocyte Cholesterol Homeostasis and Modulates Lipid Storage in Obesity, Independent of Autophagy. *Diabetes*, **2021**, 70, 76-90	0.9	2
225	Type 2 diabetes is associated with impaired jejunal enteroendocrine GLP-1 cell lineage in human obesity. *International Journal of Obesity*, **2021**, 45, 170-183	5.5	13
224	L'intelligence artificielle au service des maladies métaboliques. *Medecine Des Maladies Metaboliques*, **2021**, 15, 70-79	0.1	

223	Metabolism and Metabolic Disorders and the Microbiome: The Intestinal Microbiota Associated With Obesity, Lipid Metabolism, and Metabolic Health-Pathophysiology and Therapeutic Strategies. *Gastroenterology*, **2021**, 160, 573-599	13.3	31
222	Gut microbiota-derived metabolites as central regulators in metabolic disorders. *Gut*, **2021**, 70, 1174-1182	19.2	101
221	Senescence-associated galactosidase in subcutaneous adipose tissue associates with altered glycaemic status and truncal fat in severe obesity. *Diabetologia*, **2021**, 64, 240-254	10.3	17
220	COVID-19 and its Severity in Bariatric Surgery-Operated Patients. *Obesity*, **2021**, 29, 24-28	8	13
219	Effects of Diet-Modulated Autologous Fecal Microbiota Transplantation on Weight Regain. *Gastroenterology*, **2021**, 160, 158-173.e10	13.3	38
218	Resting-state connectivity within the brain's reward system predicts weight loss and correlates with leptin. *Brain Communications*, **2021**, 3, fcab005	4.5	2
217	Obsits rares **2021**, 381-390		
216	Histoire naturelle et trajectoires des obsits **2021**, 137-146		
215	Clinical management of patients with genetic obesity during COVID-19 pandemic: position paper of the ESE Growth & Genetic Obesity COVID-19 Study Group and Rare Endo-ERN main thematic group on Growth and Obesity. *Endocrine*, **2021**, 71, 653-662	4	4
214	L'intelligence artificielle au service de l'obsit **2021**, 645-650		
213	Benefits of Iterative Searches of Large Databases to Interpret Large Human Gut Metaproteomic Data Sets. *Journal of Proteome Research*, **2021**, 20, 1522-1534	5.6	2
212	Protein supplementation during an energy-restricted diet induces visceral fat loss and gut microbiota amino acid metabolism activation: a randomized trial. *Scientific Reports*, **2021**, 11, 15620	4.9	1
211	Comprehensive Wet-Bench and Bioinformatics Workflow for Complex Microbiota Using Oxford Nanopore Technologies. *MSystems*, **2021**, 6, e0075021	7.6	5
210	Long-term outcomes of bariatric surgery in patients with bi-allelic mutations in the POMC, LEPR, and MC4R genes. *Surgery for Obesity and Related Diseases*, **2021**, 17, 1449-1456	3	7
209	Exploring Semi-Quantitative Metagenomic Studies Using Oxford Nanopore Sequencing: A Computational and Experimental Protocol. *Genes*, **2021**, 12,	4.2	1
208	Intestinal alteration of gustducin and sweet taste signaling pathway in metabolic diseases is partly rescued after weight loss and diabetes remission. *American Journal of Physiology - Endocrinology and Metabolism*, **2021**, 321, E417-E432	6	2
207	Obsit et Covid-19 **2021**, 341-345		
206	AhR activation defends gut barrier integrity against damage occurring in obesity. *Molecular Metabolism*, **2020**, 39, 101007	8.8	16

205	Statin therapy is associated with lower prevalence of gut microbiota dysbiosis. *Nature*, **2020**, 581, 310-315	50.4	100
204	COVID-19: A Lever for the Recognition of Obesity as a Disease? The French Experience. *Obesity*, **2020**, 28, 1584-1585	8	11
203	Revealing links between gut microbiome and its fungal community in Type 2 Diabetes Mellitus among Emirati subjects: A pilot study. *Scientific Reports*, **2020**, 10, 9624	4.9	11
202	What Should I Eat and Why? The Environmental, Genetic, and Behavioral Determinants of Food Choice: Summary from a Pennington Scientific Symposium. *Obesity*, **2020**, 28, 1386-1396	8	2
201	Interpretable and accurate prediction models for metagenomics data. *GigaScience*, **2020**, 9,	7.6	16
200	Gut microbiota and human NAFLD: disentangling microbial signatures from metabolic disorders. *Nature Reviews Gastroenterology and Hepatology*, **2020**, 17, 279-297	24.2	207
199	Hepatic stellate cell hypertrophy is associated with metabolic liver fibrosis. *Scientific Reports*, **2020**, 10, 3850	4.9	13
198	Nonalcoholic Fatty Liver Disease: Modulating Gut Microbiota to Improve Severity?. *Gastroenterology*, **2020**, 158, 1881-1898	13.3	38
197	OBEDIS Core Variables Project: European Expert Guidelines on a Minimal Core Set of Variables to Include in Randomized, Controlled Clinical Trials of Obesity Interventions. *Obesity Facts*, **2020**, 13, 1-28	5.1	5
196	Autophagy inhibition blunts PDGFRA adipose progenitors' cell-autonomous fibrogenic response to high-fat diet. *Autophagy*, **2020**, 16, 2156-2166	10.2	10
195	Gut microbiota of obese subjects with Prader-Willi syndrome is linked to metabolic health. *Gut*, **2020**, 69, 1229-1238	19.2	19
194	MECHANISMS IN ENDOCRINOLOGY: Update on treatments for patients with genetic obesity. *European Journal of Endocrinology*, **2020**, 183, R149-R166	6.5	12
193	R□epteur MC4R : actualit□s de la recherche dans l□ob□sit□ et potentiels d□veloppements th□rapeutiques. *Medecine Des Maladies Metaboliques*, **2020**, 14, 632-638	0.1	
192	Gut Microbiota Profile of Obese Diabetic Women Submitted to Roux-en-Y Gastric Bypass and Its Association with Food Intake and Postoperative Diabetes Remission. *Nutrients*, **2020**, 12,	6.7	27
191	Cultural Influences on the Regulation of Energy Intake and Obesity: A Qualitative Study Comparing Food Customs and Attitudes to Eating in Adults from France and the United States. *Nutrients*, **2020**, 13,	6.7	1
190	From correlation to causality: the case of. *Gut Microbes*, **2020**, 12, 1-13	8.8	33
189	Rare genetic forms of obesity: From gene to therapy. *Physiology and Behavior*, **2020**, 227, 113134	3.5	12
188	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. *PLoS Genetics*, **2020**, 16, e1008718	6	25

187	Imidazole propionate is increased in diabetes and associated with dietary patterns and altered microbial ecology. *Nature Communications*, **2020**, 11, 5881	17.4	29
186	Transcriptomic profiling across the nonalcoholic fatty liver disease spectrum reveals gene signatures for steatohepatitis and fibrosis. *Science Translational Medicine*, **2020**, 12,	17.5	51
185	A surrogate of Roux-en-Y gastric bypass (the enterogastro anastomosis surgery) regulates multiple beta-cell pathways during resolution of diabetes in ob/ob mice. *EBioMedicine*, **2020**, 58, 102895	8.8	6
184	Efficacy and safety of setmelanotide, an MC4R agonist, in individuals with severe obesity due to LEPR or POMC deficiency: single-arm, open-label, multicentre, phase 3 trials. *Lancet Diabetes and Endocrinology,the*, **2020**, 8, 960-970	18.1	76
183	Genome-wide association study of non-alcoholic fatty liver and steatohepatitis in a histologically characterised cohort. *Journal of Hepatology*, **2020**, 73, 505-515	13.4	113
182	Gut Microbiota Dysbiosis in Human Obesity: Impact of Bariatric Surgery. *Current Obesity Reports*, **2019**, 8, 229-242	8.4	38
181	Impact of bariatric surgery on type 2 diabetes: contribution of inflammation and gut microbiome?. *Seminars in Immunopathology*, **2019**, 41, 461-475	12	23
180	Impact of bacterial probiotics on obesity, diabetes and non-alcoholic fatty liver disease related variables: a systematic review and meta-analysis of randomised controlled trials. *BMJ Open*, **2019**, 9, e017995	3	97
179	Major microbiota dysbiosis in severe obesity: fate after bariatric surgery. *Gut*, **2019**, 68, 70-82	19.2	197
178	Acyl-CoA-Binding Protein Is a Lipogenic Factor that Triggers Food Intake and Obesity. *Cell Metabolism*, **2019**, 30, 754-767.e9	24.6	40
177	Improvement of non-invasive markers of NAFLD from an individualised, web-based exercise program. *Alimentary Pharmacology and Therapeutics*, **2019**, 50, 930-939	6.1	36
176	Fecal Microbiota Transplantation: a Future Therapeutic Option for Obesity/Diabetes?. *Current Diabetes Reports*, **2019**, 19, 51	5.6	39
175	abundance is lower in severe obesity, but its increased level after bariatric surgery is not associated with metabolic health improvement. *American Journal of Physiology - Endocrinology and Metabolism* , **2019**, 317, E446-E459	6	40
174	Elevated serum ceramides are linked with obesity-associated gut dysbiosis and impaired glucose metabolism. *Metabolomics*, **2019**, 15, 140	4.7	9
173	Deciphering the cellular interplays underlying obesity-induced adipose tissue fibrosis. *Journal of Clinical Investigation*, **2019**, 129, 4032-4040	15.9	57
172	The intestinal microbiota regulates host cholesterol homeostasis. *BMC Biology*, **2019**, 17, 94	7.3	60
171	The mid-infrared spectroscopy: A novel non-invasive diagnostic tool for NASH diagnosis in severe obesity. *JHEP Reports*, **2019**, 1, 361-368	10.3	5
170	A place for vitamin supplementation and functional food in bariatric surgery?. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2019**, 22, 442-448	3.8	2

169	Synergistic convergence of microbiota-specific systemic IgG and secretory IgA. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 1575-1585.e4	11.5	38
168	Prediction of Long-Term Diabetes Remission After RYGB, Sleeve Gastrectomy, and Adjustable Gastric Banding Using DiaRem and Advanced-DiaRem Scores. *Obesity Surgery*, **2019**, 29, 796-804	3.7	28
167	Phosphatidylglycerols are induced by gut dysbiosis and inflammation, and favorably modulate adipose tissue remodeling in obesity. *FASEB Journal*, **2019**, 33, 4741-4754	0.9	13
166	Comparative Evaluation of Microbiota Engraftment Following Fecal Microbiota Transfer in Mice Models: Age, Kinetic and Microbial Status Matter. *Frontiers in Microbiology*, **2018**, 9, 3289	5.7	47
165	A Data Integration Multi-Omics Approach to Study Calorie Restriction-Induced Changes in Insulin Sensitivity. *Frontiers in Physiology*, **2018**, 9, 1958	4.6	24
164	Visceral Adipose Tissue Drives Cardiac Aging Through Modulation of Fibroblast Senescence by Osteopontin Production. *Circulation*, **2018**, 138, 809-822	16.7	63
163	Human catalase gene promoter haplotype and cardiometabolic improvement after bariatric surgery. *Gene*, **2018**, 656, 17-21	3.8	2
162	Gut microbiota and obesity: Concepts relevant to clinical care. *European Journal of Internal Medicine* , **2018**, 48, 18-24	3.9	65
161	Cardiac MR Strain: A Noninvasive Biomarker of Fibrofatty Remodeling of the Left Atrial Myocardium. *Radiology*, **2018**, 286, 83-92	20.5	19
160	Long-term Relapse of Type 2 Diabetes After Roux-en-Y Gastric Bypass: Prediction and Clinical Relevance. *Diabetes Care*, **2018**, 41, 2086-2095	14.6	61
159	Mucosal-associated invariant T (MAIT) cells are depleted and prone to apoptosis in cardiometabolic disorders. *FASEB Journal*, **2018**, 32, fj201800052RR	0.9	29
158	Increased jejunal permeability in human obesity is revealed by a lipid challenge and is linked to inflammation and type 2 diabetes. *Journal of Pathology*, **2018**, 246, 217-230	9.4	85
157	MC4R agonism promotes durable weight loss in patients with leptin receptor deficiency. *Nature Medicine*, **2018**, 24, 551-555	50.5	139
156	Resistance Training and Protein Supplementation Increase Strength After Bariatric Surgery: A Randomized Controlled Trial. *Obesity*, **2018**, 26, 1709-1720	8	34
155	Saturated Fat Is More Metabolically Harmful for the Human Liver Than Unsaturated Fat or Simple Sugars. *Diabetes Care*, **2018**, 41, 1732-1739	14.6	167
154	Atrial natriuretic peptide regulates adipose tissue accumulation in adult atria. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E771-E780	11.5	48
153	A PDGFR□Mediated Switch toward CD9 Adipocyte Progenitors Controls Obesity-Induced Adipose Tissue Fibrosis. *Cell Metabolism*, **2017**, 25, 673-685	24.6	117
152	Systematic review of bariatric surgery liver biopsies clarifies the natural history of liver disease in patients with severe obesity. *Gut*, **2017**, 66, 1688-1696	19.2	47

151	The FAT Score, a Fibrosis Score of Adipose Tissue: Predicting Weight-Loss Outcome After Gastric Bypass. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 2443-2453	5.6	37
150	Immune cell-derived cytokines contribute to obesity-related inflammation, fibrogenesis and metabolic deregulation in human adipose tissue. *Scientific Reports*, **2017**, 7, 3000	4.9	70
149	Serum lipidomics reveals early differential effects of gastric bypass compared with banding on phospholipids and sphingolipids independent of differences in weight loss. *International Journal of Obesity*, **2017**, 41, 917-925	5.5	26
148	Knee and hip intra-articular adipose tissues (IAATs) compared with autologous subcutaneous adipose tissue: a specific phenotype for a central player in osteoarthritis. *Annals of the Rheumatic Diseases*, **2017**, 76, 1142-1148	2.4	63
147	Dietary Assessment in the MetaCardis Study: Development and Relative Validity of an Online Food Frequency Questionnaire. *Journal of the Academy of Nutrition and Dietetics*, **2017**, 117, 878-888	3.9	18
146	The fused lasso penalty for learning interpretable medical scoring systems **2017**,		2
145	The advanced-DiaRem score improves prediction of diabetes remission 1´year post-Roux-en-Y gastric bypass. *Diabetologia*, **2017**, 60, 1892-1902	10.3	71
144	Evaluation of a melanocortin-4 receptor (MC4R) agonist (Setmelanotide) in MC4R deficiency. *Molecular Metabolism*, **2017**, 6, 1321-1329	8.8	121
143	T Cell Populations and Functions Are Altered in Human Obesity and Type 2 Diabetes. *Current Diabetes Reports*, **2017**, 17, 81	5.6	39
142	Use of HOMA-IR to diagnose non-alcoholic fatty liver disease: a population-based and inter-laboratory study. *Diabetologia*, **2017**, 60, 1873-1882	10.3	51
141	Prospective assessment and histological analysis of adherent perinephric fat in partial nephrectomies. *Urologic Oncology: Seminars and Original Investigations*, **2017**, 35, 39.e9-39.e17	2.8	30
140	Obesity: A Complex Disease with Immune Components **2017**, 1199-1224		
139	Fibrose du tissu adipeux chez l□bs□e : nouveaux aspects. *Bulletin De LlAcademie Nationale De Medecine*, **2017**, 201, 755-763	0.1	1
138	Adipose tissue adaptive response to trans-10,cis-12-conjugated linoleic acid engages alternatively activated M2 macrophages. *FASEB Journal*, **2016**, 30, 241-51	0.9	9
137	Micronutrient and Protein Deficiencies After Gastric Bypass and Sleeve Gastrectomy: a 1-year Follow-up. *Obesity Surgery*, **2016**, 26, 785-96	3.7	79
136	Akkermansia muciniphila and improved metabolic health during a dietary intervention in obesity: relationship with gut microbiome richness and ecology. *Gut*, **2016**, 65, 426-36	19.2	938
135	Proopiomelanocortin Deficiency Treated with a Melanocortin-4 Receptor Agonist. *New England Journal of Medicine*, **2016**, 375, 240-6	59.2	253
134	Increased Basement Membrane Components in Adipose Tissue During Obesity: Links With TGF□ and Metabolic Phenotypes. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 2578-87	5.6	43

133	Nonalcoholic fatty liver disease and obstructive sleep apnea. *Metabolism: Clinical and Experimental*, **2016**, 65, 1124-35	12.7	67
132	Rare Genetic Forms of Obesity: Clinical Approach and Current Treatments in 2016. *Obesity Facts*, **2016**, 9, 158-73	5.1	104
131	Weight Loss, Xanthine Oxidase, and Serum Urate Levels: A Prospective Longitudinal Study of Obese Patients. *Arthritis Care and Research*, **2016**, 68, 1036-42	4.7	30
130	Adipose tissue autophagy status in obesity: Expression and flux--two faces of the picture. *Autophagy*, **2016**, 12, 588-9	10.2	25
129	Losing weight for a better health: Role for the gut microbiota. *Clinical Nutrition Experimental*, **2016**, 6, 39-58	2	21
128	The gut microbiome, diet, and links to cardiometabolic and chronic disorders. *Nature Reviews Nephrology*, **2016**, 12, 169-81	14.9	191
127	Nutritional and Protein Deficiencies in the Short Term following Both Gastric Bypass and Gastric Banding. *PLoS ONE*, **2016**, 11, e0149588	3.7	56
126	Circulating Blood Monocyte Subclasses and Lipid-Laden Adipose Tissue Macrophages in Human Obesity. *PLoS ONE*, **2016**, 11, e0159350	3.7	19
125	Prospective assessment of the adherent perinephric fat in partial nephrectomies: Predictors and impact on peri-operative outcomes.. *Journal of Clinical Oncology*, **2016**, 34, 543-543	2.2	
124	Hypoxia-inducible factor prolyl hydroxylase 1 (PHD1) deficiency promotes hepatic steatosis and liver-specific insulin resistance in mice. *Scientific Reports*, **2016**, 6, 24618	4.9	21
123	Accumulation and Changes in Composition of Collagens in Subcutaneous Adipose Tissue After Bariatric Surgery. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 293-304	5.6	60
122	Transcriptomic signatures of villous cytotrophoblast and syncytiotrophoblast in term human placenta. *Placenta*, **2016**, 44, 83-90	3.4	11
121	Effect of Genotype and Previous GH Treatment on Adiposity in Adults With Prader-Willi Syndrome. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 4895-4903	5.6	24
120	Relevance of omental pericellular adipose tissue collagen in the pathophysiology of human abdominal obesity and related cardiometabolic risk. *International Journal of Obesity*, **2016**, 40, 1823-1831	5.5	18
119	AdipoScan: A Novel Transient Elastography-Based Tool Used to Non-Invasively Assess Subcutaneous Adipose Tissue Shear Wave Speed in Obesity. *Ultrasound in Medicine and Biology*, **2016**, 42, 2401-13	3.5	7
118	Type 2 Diabetes Remission After Gastric Bypass: What Is the Best Prediction Tool for Clinicians?. *Obesity Surgery*, **2015**, 25, 1128-32	3.7	23
117	Quantifying Diet-Induced Metabolic Changes of the Human Gut Microbiome. *Cell Metabolism*, **2015**, 22, 320-31	24.6	275
116	Jejunal T Cell Inflammation in Human Obesity Correlates with Decreased Enterocyte Insulin Signaling. *Cell Metabolism*, **2015**, 22, 113-24	24.6	96

115	Profiling of the three circulating monocyte subpopulations in human obesity. *Journal of Immunology*, **2015**, 194, 3917-23	5.3	64
114	Irf5 deficiency in macrophages promotes beneficial adipose tissue expansion and insulin sensitivity during obesity. *Nature Medicine*, **2015**, 21, 610-8	50.5	130
113	Human epicardial adipose tissue has a specific transcriptomic signature depending on its anatomical peri-atrial, peri-ventricular, or peri-coronary location. *Cardiovascular Research*, **2015**, 108, 62-73	9.9	112
112	Adipocyte ATP-binding cassette G1 promotes triglyceride storage, fat mass growth, and human obesity. *Diabetes*, **2015**, 64, 840-55	0.9	43
111	Circulating phospholipid profiling identifies portal contribution to NASH signature in obesity. *Journal of Hepatology*, **2015**, 62, 905-12	13.4	67
110	High levels of CRP in morbid obesity: the central role of adipose tissue and lessons for clinical practice before and after bariatric surgery. *Surgery for Obesity and Related Diseases*, **2015**, 11, 148-54	3	38
109	Lipid-rich diet enhances L-cell density in obese subjects and in mice through improved L-cell differentiation. *Journal of Nutritional Science*, **2015**, 4, e22	2.7	26
108	Response to Comment on Pellegrinelli et al. Human Adipocytes Induce Inflammation and Atrophy in Muscle Cells During Obesity. Diabetes 2015;64:3121–3134. *Diabetes*, **2015**, 64, e23-e24	0.9	
107	Bariatric Surgery Induces Disruption in Inflammatory Signaling Pathways Mediated by Immune Cells in Adipose Tissue: A RNA-Seq Study. *PLoS ONE*, **2015**, 10, e0125718	3.7	38
106	Sparse Zero-Sum Games as Stable Functional Feature Selection. *PLoS ONE*, **2015**, 10, e0134683	3.7	
105	Seven novel deleterious LEPR mutations found in early-onset obesity: a Exon6-8 shared by subjects from Reunion Island, France, suggests a founder effect. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, E757-66	5.6	47
104	DAPK2 Downregulation Associates With Attenuated Adipocyte Autophagic Clearance in Human Obesity. *Diabetes*, **2015**, 64, 3452-63	0.9	46
103	Human epicardial adipose tissue induces fibrosis of the atrial myocardium through the secretion of adipo-fibrokines. *European Heart Journal*, **2015**, 36, 795-805a	9.5	299
102	Le microbiote intestinal : un nouvel acteur de la nutrition ?. *Cahiers De Nutrition Et De Dietetique*, **2015**, 50, 6S22-6S29	0.2	
101	Human Adipocytes Induce Inflammation and Atrophy in Muscle Cells During Obesity. *Diabetes*, **2015** , 64, 3121-34	0.9	111
100	Mucosal-associated invariant T cell alterations in obese and type 2 diabetic patients. *Journal of Clinical Investigation*, **2015**, 125, 1752-62	15.9	193
99	A Dietary Supplement Containing Cinnamon, Chromium and Carnosine Decreases Fasting Plasma Glucose and Increases Lean Mass in Overweight or Obese Pre-Diabetic Subjects: A Randomized, Placebo-Controlled Trial. *PLoS ONE*, **2015**, 10, e0138646	3.7	40
98	Association of adipose tissue and liver fibrosis with tissue stiffness in morbid obesity: links with diabetes and BMI loss after gastric bypass. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 898-907	5.6	81

97	T cell-derived IL-22 amplifies IL-1□driven inflammation in human adipose tissue: relevance to obesity and type 2 diabetes. *Diabetes*, **2014**, 63, 1966-77	0.9	152
96	The effects of gastrointestinal surgery on gut microbiota: potential contribution to improved insulin sensitivity. *Current Atherosclerosis Reports*, **2014**, 16, 454	6	63
95	Association between melanocortin-4 receptor mutations and eating behaviors in obese patients: a case--control study. *International Journal of Obesity*, **2014**, 38, 883-5	5.5	10
94	Human adipocyte function is impacted by mechanical cues. *Journal of Pathology*, **2014**, 233, 183-95	9.4	81
93	Medication cost is significantly reduced after Roux-en-Y gastric bypass in obese patients. *Obesity Surgery*, **2014**, 24, 1896-903	3.7	26
92	TM6SF2 rs58542926 influences hepatic fibrosis progression in patients with non-alcoholic fatty liver disease. *Nature Communications*, **2014**, 5, 4309	17.4	362
91	Nonalcoholic fatty liver disease, nocturnal hypoxia, and endothelial function in patients with sleep apnea. *Chest*, **2014**, 145, 525-533	5.3	55
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