Karine Clement

List of Publications by Year
in descending order

264 papers	36,025 citations	4960 84 h-index	3579 181 g-index
288 all docs	288 docs citations	288 times ranked	38056 citing authors

#	Article	IF	Citations
1	PAF signaling plays a role in obesity-induced adipose tissue remodeling. International Journal of Obesity, 2022, 46, 68-76.	3.4	3
2	Hnf4g invalidation prevents diet-induced obesity via intestinal lipid malabsorption. Journal of Endocrinology, 2022, 252, 31-44.	2.6	4
3	Gut microbiota and vitamin status in persons with obesity: A key interplay. Obesity Reviews, 2022, 23, e13377.	6.5	15
4	Adipose Tissue Fibrosis in Obesity: Etiology and Challenges. Annual Review of Physiology, 2022, 84, 135-155.	13.1	49
5	Increased serum miR-193a-5p during non-alcoholic fatty liver disease progression: Diagnostic and mechanistic relevance. JHEP Reports, 2022, 4, 100409.	4.9	20
6	Long-Term Weight Outcome After Bariatric Surgery in Patients with Melanocortin-4 Receptor Gene Variants: a Caseâ€"Control Study of 105 Patients. Obesity Surgery, 2022, 32, 837-844.	2.1	15
7	Impairment of gut microbial biotin metabolism and host biotin status in severe obesity: effect of biotin and prebiotic supplementation on improved metabolism. Gut, 2022, 71, 2463-2480.	12.1	53
8	Persistence of severe liver fibrosis despite substantial weight loss with bariatric surgery. Hepatology, 2022, 76, 456-468.	7.3	22
9	Obesity-Related Adipose Tissue Remodeling in the Light of Extracellular Mitochondria Transfer. International Journal of Molecular Sciences, 2022, 23, 632.	4.1	3
10	Rare genetic causes of obesity: Diagnosis and management in clinical care. Annales D'Endocrinologie, 2022, 83, 63-72.	1.4	18
11	Obesity Due to Steroid Receptor Coactivator-1 Deficiency Is Associated With Endocrine and Metabolic Abnormalities. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e2532-e2544.	3.6	5
12	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.	2.7	14
13	Macrophage scavenger receptor 1 mediates lipid-induced inflammation in non-alcoholic fatty liver disease. Journal of Hepatology, 2022, 76, 1001-1012.	3.7	54
14	Links between Insulin Resistance and Periodontal Bacteria: Insights on Molecular Players and Therapeutic Potential of Polyphenols. Biomolecules, 2022, 12, 378.	4.0	8
15	Microbiome and metabolome features of the cardiometabolic disease spectrum. Nature Medicine, 2022, 28, 303-314.	30.7	102
16	Enteroendocrine System and Gut Barrier in Metabolic Disorders. International Journal of Molecular Sciences, 2022, 23, 3732.	4.1	8
17	Characterization of the Gut Microbiota in Individuals with Overweight or Obesity during a Real-World Weight Loss Dietary Program: A Focus on the Bacteroides 2 Enterotype. Biomedicines, 2022, 10, 16.	3.2	8
18	Fibrogenesis Marker PRO-C3 Is Higher in Advanced Liver Fibrosis and Improves in Patients Undergoing Bariatric Surgery. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e1356-e1366.	3.6	6

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19	The human gut microbiota contributes to type-2 diabetes non-resolution 5-years after Roux-en-Y gastric bypass. Gut Microbes, 2022, 14, 2050635.	9.8	15
20	Intermittent Hypoxia Rewires the Liver Transcriptome and Fires up Fatty Acids Usage for Mitochondrial Respiration. Frontiers in Medicine, 2022, 9, 829979.	2.6	5
21	Dysregulation of macrophage PEPD in obesity determines adipose tissue fibro-inflammation and insulin resistance. Nature Metabolism, 2022, 4, 476-494.	11.9	16
22	Effect of COVID-19 Lockdowns on Physical Activity, Eating Behavior, Body Weight and Psychological Outcomes in a Post-Bariatric Cohort. Obesity Surgery, 2022, 32, 1-9.	2.1	8
23	Beta-hydroxybutyrate dampens adipose progenitorsâ€™ profibrotic activation through canonical TgfÎ² signaling and non-canonical ZFP36-dependent mechanisms. Molecular Metabolism, 2022, 61, 101512.	6.5	6
24	Risk assessment with gut microbiome and metabolite markers in NAFLD development. Science Translational Medicine, 2022, 14, .	12.4	50
25	Weight Loss After Sleeve Gastrectomy: Does Type 2 Diabetes Status Impact Weight and Body Composition Trajectories?. Obesity Surgery, 2021, 31, 1046-1054.	2.1	12
26	Lysosomal Acid Lipase Drives Adipocyte Cholesterol Homeostasis and Modulates Lipid Storage in Obesity, Independent of Autophagy. Diabetes, 2021, 70, 76-90.	0.6	9
27	Type 2 diabetes is associated with impaired jejunal enteroendocrine GLP-1 cell lineage in human obesity. International Journal of Obesity, 2021, 45, 170-183.	3.4	25
28	Lâ€™intelligence artificielle au service des maladies mÃ©taboliques. Medecine Des Maladies Metaboliques, 2021, 15, 70-79.	0.1	0
29	Metabolism and Metabolic Disorders and the Microbiome: The Intestinal Microbiota Associated With Obesity, Lipid Metabolism, and Metabolic Healthâ€"Pathophysiology and Therapeutic Strategies. Gastroenterology, 2021, 160, 573-599.	1.3	169
30	Gut microbiota-derived metabolites as central regulators in metabolic disorders. Gut, 2021, 70, 1174-1182.	12.1	519
31	Senescence-associated Î²-galactosidase in subcutaneous adipose tissue associates with altered glycaemic status and truncal fat in severe obesity. Diabetologia, 2021, 64, 240-254.	6.3	45
32	COVIDâ€19 and its Severity in Bariatric Surgeryâ€Operated Patients. Obesity, 2021, 29, 24-28.	3.0	18
33	Effects of Diet-Modulated Autologous Fecal Microbiota Transplantation on Weight Regain. Gastroenterology, 2021, 160, 158-173.e10.	1.3	95
34	Resting-state connectivity within the brainâ€™s reward system predicts weight loss and correlates with leptin. Brain Communications, 2021, 3, fcab005.	3.3	15
35	ObÃ©sitÃ©s rares. , 2021, , 381-390.		0
36	Histoire naturelle et trajectoires des obÃ©sitÃ©s. , 2021, , 137-146.		0

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37	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.	2.3	6
38	L'intelligence artificielle au service de l'obÃ©sitÃ©. , 2021, , 645-650.		0
39	Benefits of Iterative Searches of Large Databases to Interpret Large Human Gut Metaproteomic Data Sets. Journal of Proteome Research, 2021, 20, 1522-1534.	3.7	15
40	Altered subcutaneous adipose tissue parameters after switching ART-controlled HIV+ patients to raltegravir/maraviroc. Aids, 2021, 35, 1625-1630.	2.2	7
41	Adipose tissue fibrosis assessed by high resolution ex vivo MRI as a hallmark of tissue alteration in morbid obesity. Quantitative Imaging in Medicine and Surgery, 2021, 11, 2162-2168.	2.0	2
42	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.	2.5	16
43	Severe Obesity Is Associated with Altered Gut Microbiota Biotin Metabolism and Host Biotin Status. FASEB Journal, 2021, 35, .	0.5	0
44	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.	2.7	10
45	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.	0.2	1
46	Human and preclinical studies of the hostâ€“gut microbiome co-metabolite hippurate as a marker and mediator of metabolic health. Gut, 2021, 70, 2105-2114.	12.1	58
47	Gut microbiota changes after metabolic surgery in adult diabetic patients with mild obesity: a randomised controlled trial. Diabetology and Metabolic Syndrome, 2021, 13, 56.	2.7	14
48	The multifaceted progenitor fates in healthy or unhealthy adipose tissue during obesity. Reviews in Endocrine and Metabolic Disorders, 2021, 22, 1111-1119.	5.7	10
49	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-Upâ€"The CO-RNPC Study. Nutrients, 2021, 13, 2152.	4.1	11
50	Implication of Heterozygous Variants in Genes of the Leptinâ€"Melanocortin Pathway in Severe Obesity. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 2991-3006.	3.6	21
51	The melanocortin pathway and energy homeostasis: From discovery to obesity therapy. Molecular Metabolism, 2021, 48, 101206.	6.5	114
52	Abdominal adipose tissue components quantification in MRI as a relevant biomarker of metabolic profile. Magnetic Resonance Imaging, 2021, 80, 14-20.	1.8	4
53	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.	3.3	9
54	Comprehensive Wet-Bench and Bioinformatics Workflow for Complex Microbiota Using Oxford Nanopore Technologies. MSystems, 2021, 6, e0075021.	3.8	14

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55	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.	1.2	29
56	Exploring Semi-Quantitative Metagenomic Studies Using Oxford Nanopore Sequencing: A Computational and Experimental Protocol. Genes, 2021, 12, 1496.	2.4	11
57	Protein Intake, Metabolic Status and the Gut Microbiota in Different Ethnicities: Results from Two Independent Cohorts. Nutrients, 2021, 13, 3159.	4.1	6
58	Intestinal alteration of Î±-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.	3.5	4
59	ObÃ©sitÃ© et Covid-19. , 2021, , 341-345.		0
60	Relative Adipose Tissue Failure in AlstrÃ¶m Syndrome Drives Obesity-Induced Insulin Resistance. Diabetes, 2021, 70, 364-376.	0.6	23
61	C1431T Variant of PPARÎ³ Is Associated with Preeclampsia in Pregnant Women. Life, 2021, 11, 1052.	2.4	6
62	Into the wild: early time-window for wild microbes to confer resistance to obesity. Nature Reviews Endocrinology, 2021, 17, 711-712.	9.6	0
63	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, 2021, 13, 63.	4.1	9
64	Combinatorial, additive and dose-dependent drugâ€“microbiome associations. Nature, 2021, 600, 500-505.	27.8	102
65	Rare genetic forms of obesity: From gene to therapy. Physiology and Behavior, 2020, 227, 113134.	2.1	28
66	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. PLoS Genetics, 2020, 16, e1008718.	3.5	95
67	Imidazole propionate is increased in diabetes and associated with dietary patterns and altered microbial ecology. Nature Communications, 2020, 11, 5881.	12.8	122
68	Transcriptomic profiling across the nonalcoholic fatty liver disease spectrum reveals gene signatures for steatohepatitis and fibrosis. Science Translational Medicine, 2020, 12, .	12.4	205
69	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.	6.1	8
70	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.	11.4	235
71	AhR activation defends gut barrier integrity against damage occurring in obesity. Molecular Metabolism, 2020, 39, 101007.	6.5	42
72	Statin therapy is associated with lower prevalence of gut microbiota dysbiosis. Nature, 2020, 581, 310-315.	27.8	283

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73	COVIDâ€19: A Lever for the Recognition of Obesity as a Disease? The French Experience. Obesity, 2020, 28, 1584-1585.	3.0	13
74	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.	3.3	31
75	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.	3.0	12
76	Interpretable and accurate prediction models for metagenomics data. GigaScience, 2020, 9, .	6.4	34
77	Gut microbiota and human NAFLD: disentangling microbial signatures from metabolic disorders. Nature Reviews Gastroenterology and Hepatology, 2020, 17, 279-297.	17.8	539
78	Hepatic stellate cell hypertrophy is associated with metabolic liver fibrosis. Scientific Reports, 2020, 10, 3850.	3.3	39
79	Nonalcoholic Fatty Liver Disease: Modulating Gut Microbiota to Improve Severity?. Gastroenterology, 2020, 158, 1881-1898.	1.3	123
80	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.	3.4	15
81	Autophagy inhibition blunts PDGFRA adipose progenitorsâ€™ cell-autonomous fibrogenic response to high-fat diet. Autophagy, 2020, 16, 2156-2166.	9.1	20
82	Gut microbiota of obese subjects with Prader-Willi syndrome is linked to metabolic health. Gut, 2020, 69, 1229-1238.	12.1	33
83	Genome-wide association study of non-alcoholic fatty liver and steatohepatitis in a histologically characterised cohortâ˜†. Journal of Hepatology, 2020, 73, 505-515.	3.7	279
84	From correlation to causality: the case of Subdoligranulum. Gut Microbes, 2020, 12, 1849998.	9.8	192
85	MECHANISMS IN ENDOCRINOLOGY: Update on treatments for patients with genetic obesity. European Journal of Endocrinology, 2020, 183, R149-R166.	3.7	31
86	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, 278.	4.1	47
87	RÃ©cepteur MC4RÂ: actualitÃ©s de la recherche dans lâ€™obÃ©sitÃ© et potentiels dÃ©veloppements thÃ©rapeutiques. Medecine Des Maladies Metaboliques, 2020, 14, 632-638.	0.1	0
88	Major microbiota dysbiosis in severe obesity: fate after bariatric surgery. Gut, 2019, 68, 70-82.	12.1	297
89	Acyl-CoA-Binding Protein Is a Lipogenic Factor that Triggers Food Intake and Obesity. Cell Metabolism, 2019, 30, 754-767.e9.	16.2	67
90	Improvement of nonâ€invasive markers of NAFLD from an individualised, webâ€based exercise program. Alimentary Pharmacology and Therapeutics, 2019, 50, 930-939.	3.7	67

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91	Fecal Microbiota Transplantation: a Future Therapeutic Option for Obesity/Diabetes?. Current Diabetes Reports, 2019, 19, 51.	4.2	91
92	Akkermansia muciniphila 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.	3.5	67
93	Elevated serum ceramides are linked with obesity-associated gut dysbiosis and impaired glucose metabolism. Metabolomics, 2019, 15, 140.	3.0	26
94	Gut Microbiota Dysbiosis in Human Obesity: Impact of Bariatric Surgery. Current Obesity Reports, 2019, 8, 229-242.	8.4	85
95	Impact of bariatric surgery on type 2 diabetes: contribution of inflammation and gut microbiome?. Seminars in Immunopathology, 2019, 41, 461-475.	6.1	27
96	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.	1.9	183
97	The intestinal microbiota regulates host cholesterol homeostasis. BMC Biology, 2019, 17, 94.	3.8	125
98	The mid-infrared spectroscopy: A novel non-invasive diagnostic tool for NASH diagnosis in severe obesity. JHEP Reports, 2019, 1, 361-368.	4.9	10
99	A place for vitamin supplementation and functional food in bariatric surgery?. Current Opinion in Clinical Nutrition and Metabolic Care, 2019, 22, 442-448.	2.5	3
100	Synergistic convergence of microbiota-specific systemic IgG and secretory IgA. Journal of Allergy and Clinical Immunology, 2019, 143, 1575-1585.e4.	2.9	86
101	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.	2.1	37
102	Phosphatidylglycerols are induced by gut dysbiosis and inflammation, and favorably modulate adipose tissue remodeling in obesity. FASEB Journal, 2019, 33, 4741-4754.	0.5	27
103	Deciphering the cellular interplays underlying obesity-induced adipose tissue fibrosis. Journal of Clinical Investigation, 2019, 129, 4032-4040.	8.2	157
104	Ein individualisiertes 8-wÃ¶chiges Sportprogramm verbessert bei Patienten mit NAFLD die hepatische Fibrose und Inflammation und steigert die Vielfalt des Mikrobioms. , 2019, 57, .		0
105	Visceral Adipose Tissue Drives Cardiac Aging Through Modulation of Fibroblast Senescence by Osteopontin Production. Circulation, 2018, 138, 809-822.	1.6	120
106	Human catalase gene promoter haplotype and cardiometabolic improvement after bariatric surgery. Gene, 2018, 656, 17-21.	2.2	3
107	Gut microbiota and obesity: Concepts relevant to clinical care. European Journal of Internal Medicine, 2018, 48, 18-24.	2.2	95
108	Cardiac MR Strain: A Noninvasive Biomarker of Fibrofatty Remodeling of the Left Atrial Myocardium. Radiology, 2018, 286, 83-92.	7.3	38

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109	Resistance Training and Protein Supplementation Increase Strength After Bariatric Surgery: A Randomized Controlled Trial. Obesity, 2018, 26, 1709-1720.	3.0	63
110	Saturated Fat Is More Metabolically Harmful for the Human Liver Than Unsaturated Fat or Simple Sugars. Diabetes Care, 2018, 41, 1732-1739.	8.6	266
111	Long-term Relapse of Type 2 Diabetes After Roux-en-Y Gastric Bypass: Prediction and Clinical Relevance. Diabetes Care, 2018, 41, 2086-2095.	8.6	90
112	Mucosalâ€associated invariant T (MAIT) cells are depleted and prone to apoptosis in cardiometabolic disorders. FASEB Journal, 2018, 32, 5078-5089.	0.5	37
113	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.	4.5	125
114	MC4R agonism promotes durable weight loss in patients with leptin receptor deficiency. Nature Medicine, 2018, 24, 551-555.	30.7	219
115	Comparative Evaluation of Microbiota Engraftment Following Fecal Microbiota Transfer in Mice Models: Age, Kinetic and Microbial Status Matter. Frontiers in Microbiology, 2018, 9, 3289.	3.5	77
116	A Data Integration Multi-Omics Approach to Study Calorie Restriction-Induced Changes in Insulin Sensitivity. Frontiers in Physiology, 2018, 9, 1958.	2.8	39
117	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.	7.1	74
118	A PDGFRÎ±-Mediated Switch toward CD9high Adipocyte Progenitors Controls Obesity-Induced Adipose Tissue Fibrosis. Cell Metabolism, 2017, 25, 673-685.	16.2	195
119	Systematic review of bariatric surgery liver biopsies clarifies the natural history of liver disease in patients with severe obesity. Gut, 2017, 66, 1688-1696.	12.1	59
120	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.	3.6	62
121	Immune cell-derived cytokines contribute to obesity-related inflammation, fibrogenesis and metabolic deregulation in human adipose tissue. Scientific Reports, 2017, 7, 3000.	3.3	106
122	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.	3.4	36
123	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.	0.9	78
124	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.	0.8	32
125	The fused lasso penalty for learning interpretable medical scoring systems. , 2017, , .		4
126	The advanced-DiaRem score improves prediction of diabetes remission 1Âyear post-Roux-en-Y gastric bypass. Diabetologia, 2017, 60, 1892-1902.	6.3	100

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127	Evaluation of a melanocortin-4 receptor (MC4R) agonist (Setmelanotide) in MC4R deficiency. Molecular Metabolism, 2017, 6, 1321-1329.	6.5	200
128	T Cell Populations and Functions Are Altered in Human Obesity and Type 2 Diabetes. Current Diabetes Reports, 2017, 17, 81.	4.2	71
129	Use of HOMA-IR to diagnose non-alcoholic fatty liver disease: a population-based and inter-laboratory study. Diabetologia, 2017, 60, 1873-1882.	6.3	85
130	Prospective assessment and histological analysis of adherent perinephric fat in partial nephrectomies. Urologic Oncology: Seminars and Original Investigations, 2017, 35, 39.e9-39.e17.	1.6	37
131	Fibrose du tissu adipeux chez lâ€™obÃ¨se : nouveaux aspects. Bulletin De L'Academie Nationale De Medecine, 2017, 201, 755-763.	0.0	1
132	Hypoxia-inducible factor prolyl hydroxylase 1 (PHD1) deficiency promotes hepatic steatosis and liver-specific insulin resistance in mice. Scientific Reports, 2016, 6, 24618.	3.3	28
133	Accumulation and Changes in Composition of Collagens in Subcutaneous Adipose Tissue After Bariatric Surgery. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 293-304.	3.6	87
134	Transcriptomic signatures of villous cytotrophoblast and syncytiotrophoblast in term human placenta. Placenta, 2016, 44, 83-90.	1.5	18
135	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.	3.6	33
136	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.	3.4	30
137	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, 2401-2413.	1.5	11
138	Proopiomelanocortin Deficiency Treated with a Melanocortin-4 Receptor Agonist. New England Journal of Medicine, 2016, 375, 240-246.	27.0	358
139	Increased Basement Membrane Components in Adipose Tissue During Obesity: Links With TGFÎ² and Metabolic Phenotypes. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2578-2587.	3.6	67
140	Nonalcoholic fatty liver disease and obstructive sleep apnea. Metabolism: Clinical and Experimental, 2016, 65, 1124-1135.	3.4	87
141	Rare Genetic Forms of Obesity: Clinical Approach and Current Treatments in 2016. Obesity Facts, 2016, 9, 158-173.	3.4	173
142	Weight Loss, Xanthine Oxidase, and Serum Urate Levels: A Prospective Longitudinal Study of Obese Patients. Arthritis Care and Research, 2016, 68, 1036-1042.	3.4	40
143	Adipose tissue autophagy status in obesity: Expression and fluxâ€"two faces of the picture. Autophagy, 2016, 12, 588-589.	9.1	33
144	Losing weight for a better health: Role for the gut microbiota. Clinical Nutrition Experimental, 2016, 6, 39-58.	2.0	28

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145	The gut microbiome, diet, and links to cardiometabolic and chronic disorders. Nature Reviews Nephrology, 2016, 12, 169-181.	9.6	258
146	Adipose tissue adaptive response totransâ€10,cisâ€12â€conjugated linoleic acid engages alternatively activated M2 macrophages. FASEB Journal, 2016, 30, 241-251.	0.5	12
147	Micronutrient and Protein Deficiencies After Gastric Bypass and Sleeve Gastrectomy: a 1-year Follow-up. Obesity Surgery, 2016, 26, 785-796.	2.1	104
148	Akkermansia muciniphilaand improved metabolic health during a dietary intervention in obesity: relationship with gut microbiome richness and ecology. Gut, 2016, 65, 426-436.	12.1	1,379
149	Nutritional and Protein Deficiencies in the Short Term following Both Gastric Bypass and Gastric Banding. PLoS ONE, 2016, 11, e0149588.	2.5	70
150	Circulating Blood Monocyte Subclasses and Lipid-Laden Adipose Tissue Macrophages in Human Obesity. PLoS ONE, 2016, 11, e0159350.	2.5	28
151	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.	1.6	0
152	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.	1.9	34
153	Response to Comment on Pellegrinelli et al. Human Adipocytes Induce Inflammation and Atrophy in Muscle Cells During Obesity. Diabetes 2015;64:3121â€"3134. Diabetes, 2015, 64, e23-e24.	0.6	0
154	Bariatric Surgery Induces Disruption in Inflammatory Signaling Pathways Mediated by Immune Cells in Adipose Tissue: A RNA-Seq Study. PLoS ONE, 2015, 10, e0125718.	2.5	60
155	Sparse Zero-Sum Games as Stable Functional Feature Selection. PLoS ONE, 2015, 10, e0134683.	2.5	0
156	Seven Novel Deleterious LEPR Mutations Found in Early-Onset Obesity: a Î"Exon6â€"8 Shared by Subjects From Reunion Island, France, Suggests a Founder Effect. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E757-E766.	3.6	63
157	DAPK2 Downregulation Associates With Attenuated Adipocyte Autophagic Clearance in Human Obesity. Diabetes, 2015, 64, 3452-3463.	0.6	61
158	Human epicardial adipose tissue induces fibrosis of the atrial myocardium through the secretion of adipo-fibrokines. European Heart Journal, 2015, 36, 795-805.	2.2	423
159	Le microbiote intestinal : un nouvel acteur de la nutrition ?. Cahiers De Nutrition Et De Dietetique, 2015, 50, 6S22-6S29.	0.3	0
160	Human Adipocytes Induce Inflammation and Atrophy in Muscle Cells During Obesity. Diabetes, 2015, 64, 3121-3134.	0.6	146
161	Type 2 Diabetes Remission After Gastric Bypass: What Is the Best Prediction Tool for Clinicians?. Obesity Surgery, 2015, 25, 1128-1132.	2.1	25
162	Quantifying Diet-Induced Metabolic Changes of the Human Gut Microbiome. Cell Metabolism, 2015, 22, 320-331.	16.2	345

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163	Jejunal T Cell Inflammation in Human Obesity Correlates with Decreased Enterocyte Insulin Signaling. Cell Metabolism, 2015, 22, 113-124.	16.2	130
164	Profiling of the Three Circulating Monocyte Subpopulations in Human Obesity. Journal of Immunology, 2015, 194, 3917-3923.	0.8	92
165	Irf5 deficiency in macrophages promotes beneficial adipose tissue expansion and insulin sensitivity during obesity. Nature Medicine, 2015, 21, 610-618.	30.7	149
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