# Judith Aron-Wisnewsky

List of Publications by Year
in descending order



| 82 | 7,577 | 81900 39 | 58581 82 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 88 | 88 | 88 | 11307 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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 |
| 2 | Gut microbiota and human NAFLD: disentangling microbial signatures from metabolic disorders. Nature Reviews Gastroenterology and Hepatology, 2020, 17, 279-297. | 17.8 | 539 |
| 3 | Gut microbiota after gastric bypass in human obesity: increased richness and associations of bacterial genera with adipose tissue genes. American Journal of Clinical Nutrition, 2013, 98, 16-24. | 4.7 | 351 |
| 4 | Human Adipose Tissue Macrophages: M1 and M2 Cell Surface Markers in Subcutaneous and Omental Depots and after Weight Loss. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 4619-4623. | 3.6 | 318 |
| 5 | Major microbiota dysbiosis in severe obesity: fate after bariatric surgery. Gut, 2019, 68, 70-82. | 12.1 | 297 |
| 6 | Statin therapy is associated with lower prevalence of gut microbiota dysbiosis. Nature, 2020, 581, 310-315. | 27.8 | 283 |
| 7 | Mucosal-associated invariant T cell alterations in obese and type 2 diabetic patients. Journal of Clinical Investigation, 2015, 125, 1752-1762. | 8.2 | 272 |
| 8 | The gut microbiome, diet, and links to cardiometabolic and chronic disorders. Nature Reviews Nephrology, 2016, 12, 169-181. | 9.6 | 258 |
| 9 | The importance of the gut microbiota after bariatric surgery. Nature Reviews Gastroenterology and Hepatology, 2012, 9, 590-598. | 17.8 | 216 |
| 10 | Chronic intermittent hypoxia is a major trigger for non-alcoholic fatty liver disease in morbid obese. Journal of Hepatology, 2012, 56, 225-233. | 3.7 | 214 |
| 11 | T Cellâ€“Derived IL-22 Amplifies IL-1Î²â€“Driven Inflammation in Human Adipose Tissue: Relevance to Obesity and Type 2 Diabetes. Diabetes, 2014, 63, 1966-1977. | 0.6 | 197 |
| 12 | A PDGFRÎ±-Mediated Switch toward CD9high Adipocyte Progenitors Controls Obesity-Induced Adipose Tissue Fibrosis. Cell Metabolism, 2017, 25, 673-685. | 16.2 | 195 |
| 13 | 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 |
| 14 | Irf5 deficiency in macrophages promotes beneficial adipose tissue expansion and insulin sensitivity during obesity. Nature Medicine, 2015, 21, 610-618. | 30.7 | 149 |
| 15 | Nonalcoholic Fatty Liver Disease: Modulating Gut Microbiota to Improve Severity?. Gastroenterology, 2020, 158, 1881-1898. | 1.3 | 123 |
| 16 | Imidazole propionate is increased in diabetes and associated with dietary patterns and altered microbial ecology. Nature Communications, 2020, 11, 5881. | 12.8 | 122 |
| 17 | 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. | 3.6 | 107 |
| 18 | Micronutrient and Protein Deficiencies After Gastric Bypass and Sleeve Gastrectomy: a 1-year Follow-up. Obesity Surgery, 2016, 26, 785-796. | 2.1 | 104 |

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|---|---|---|---|
| 19 | Combinatorial, additive and dose-dependent drugâ€“microbiome associations. Nature, 2021, 600, 500-505. | 27.8 | 102 |
| 20 | Microbiome and metabolome features of the cardiometabolic disease spectrum. Nature Medicine, 2022, 28, 303-314. | 30.7 | 102 |
| 21 | The advanced-DiaRem score improves prediction of diabetes remission 1Âyear post-Roux-en-Y gastric bypass. Diabetologia, 2017, 60, 1892-1902. | 6.3 | 100 |
| 22 | Fecal Microbiota Transplantation: a Future Therapeutic Option for Obesity/Diabetes?. Current Diabetes Reports, 2019, 19, 51. | 4.2 | 91 |
| 23 | 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 |
| 24 | Circulating phospholipid profiling identifies portal contribution to NASH signature in obesity. Journal of Hepatology, 2015, 62, 905-912. | 3.7 | 89 |
| 25 | 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 |
| 26 | Nonalcoholic fatty liver disease and obstructive sleep apnea. Metabolism: Clinical and Experimental, 2016, 65, 1124-1135. | 3.4 | 87 |
| 27 | Gut Microbiota Dysbiosis in Human Obesity: Impact of Bariatric Surgery. Current Obesity Reports, 2019, 8, 229-242. | 8.4 | 85 |
| 28 | 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 |
| 29 | Nonalcoholic Fatty Liver Disease, Nocturnal Hypoxia, and Endothelial Function in Patients With Sleep Apnea. Chest, 2014, 145, 525-533. | 0.8 | 70 |
| 30 | Nutritional and Protein Deficiencies in the Short Term following Both Gastric Bypass and Gastric Banding. PLoS ONE, 2016, 11, e0149588. | 2.5 | 70 |
| 31 | The Effects of Gastrointestinal Surgery on Gut Microbiota: Potential Contribution to Improved Insulin Sensitivity. Current Atherosclerosis Reports, 2014, 16, 454. | 4.8 | 68 |
| 32 | Effect of Bariatric Surgery-Induced Weight Loss on SR-BI-, ABCG1-, and ABCA1-Mediated Cellular Cholesterol Efflux in Obese Women. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 1151-1159. | 3.6 | 67 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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|---|---|---|---|
| 37 | Nonalcoholic fatty liver disease in chronic obstructive pulmonary disease. European Respiratory Journal, 2017, 49, 1601923. | 6.7 | 56 |
| 38 | 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 |
| 39 | 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 |
| 40 | Impact of effective versus sham continuous positive airway pressure on liver injury in obstructive sleep apnoea: Data from randomized trials. Respirology, 2016, 21, 378-385. | 2.3 | 43 |
| 41 | A Data Integration Multi-Omics Approach to Study Calorie Restriction-Induced Changes in Insulin Sensitivity. Frontiers in Physiology, 2018, 9, 1958. | 2.8 | 39 |
| 42 | Hepatic stellate cell hypertrophy is associated with metabolic liver fibrosis. Scientific Reports, 2020, 10, 3850. | 3.3 | 39 |
| 43 | Mucosalâ€associated invariant T (MAIT) cells are depleted and prone to apoptosis in cardiometabolic disorders. FASEB Journal, 2018, 32, 5078-5089. | 0.5 | 37 |
| 44 | 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 |
| 45 | Gut microbiota: a promising target against cardiometabolic diseases. Expert Review of Endocrinology and Metabolism, 2020, 15, 13-27. | 2.4 | 35 |
| 46 | Gut microbiota of obese subjects with Prader-Willi syndrome is linked to metabolic health. Gut, 2020, 69, 1229-1238. | 12.1 | 33 |
| 47 | 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 |
| 48 | Medication Cost is Significantly Reduced After Roux-en-Y Gastric Bypass in Obese Patients. Obesity Surgery, 2014, 24, 1896-1903. | 2.1 | 28 |
| 49 | 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 |
| 50 | Impact of bariatric surgery on type 2 diabetes: contribution of inflammation and gut microbiome?. Seminars in Immunopathology, 2019, 41, 461-475. | 6.1 | 27 |
| 51 | Elevated serum ceramides are linked with obesity-associated gut dysbiosis and impaired glucose metabolism. Metabolomics, 2019, 15, 140. | 3.0 | 26 |
| 52 | Type 2 Diabetes Remission After Gastric Bypass: What Is the Best Prediction Tool for Clinicians?. Obesity Surgery, 2015, 25, 1128-1132. | 2.1 | 25 |
| 53 | Sleeve Gastrectomy in Morbidly Obese HIV Patients: Focus on Anti-retroviral Treatment Absorption After Surgery. Obesity Surgery, 2018, 28, 2886-2893. | 2.1 | 22 |
| 54 | Persistence of severe liver fibrosis despite substantial weight loss with bariatric surgery. Hepatology, 2022, 76, 456-468. | 7.3 | 22 |

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|---|---|---|---|
| 55 | Adaptive Expression of MicroRNA-125a in Adipose Tissue in Response to Obesity in Mice and Men. PLoS ONE, 2014, 9, e91375. | 2.5 | 21 |
| 56 | COVIDâ€19 and its Severity in Bariatric Surgeryâ€Operated Patients. Obesity, 2021, 29, 24-28. | 3.0 | 18 |
| 57 | Changes in Body Composition, Comorbidities, and Nutritional Status Associated with Lower Weight Loss After Bariatric Surgery in Older Subjects. Obesity Surgery, 2019, 29, 3589-3595. | 2.1 | 17 |
| 58 | Resting-state connectivity within the brainâ€™s reward system predicts weight loss and correlates with leptin. Brain Communications, 2021, 3, fcab005. | 3.3 | 15 |
| 59 | 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 |
| 60 | Plasma Imidazole Propionate Is Positively Correlated with Blood Pressure in Overweight and Obese Humans. Nutrients, 2021, 13, 2706. | 4.1 | 14 |
| 61 | 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 |
| 62 | 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 |
| 63 | Effect of exercise training after bariatric surgery: A 5-year follow-up study of a randomized controlled trial. PLoS ONE, 2022, 17, e0271561. | 2.5 | 11 |
| 64 | 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 |
| 65 | New insights in the pathophysiology of chronic intermittent hypoxia-induced NASH: the role of gutâ€“liver axis impairment. Thorax, 2015, 70, 713-715. | 5.6 | 9 |
| 66 | Laparoscopic Revision of Bariatric Surgeries in Two Patients with Severe Resistant Hypocalcemia After Endocrine Cervical Surgery. Obesity Surgery, 2020, 30, 1616-1620. | 2.1 | 8 |
| 67 | 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 |
| 68 | Altered subcutaneous adipose tissue parameters after switching ART-controlled HIV+ patients to raltegravir/maraviroc. Aids, 2021, 35, 1625-1630. | 2.2 | 7 |
| 69 | Diagnostic approach to sleep disordered-breathing among patients with grade III obesity. Sleep Medicine, 2021, 82, 18-22. | 1.6 | 6 |
| 70 | Protein Intake, Metabolic Status and the Gut Microbiota in Different Ethnicities: Results from Two Independent Cohorts. Nutrients, 2021, 13, 3159. | 4.1 | 6 |
| 71 | 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 |
| 72 | Intermittent Hypoxia Rewires the Liver Transcriptome and Fires up Fatty Acids Usage for Mitochondrial Respiration. Frontiers in Medicine, 2022, 9, 829979. | 2.6 | 5 |

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|---|---|---|---|
| 73 | Abdominal adipose tissue components quantification in MRI as a relevant biomarker of metabolic profile. Magnetic Resonance Imaging, 2021, 80, 14-20. | 1.8 | 4 |
| 74 | 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 |
| 75 | Pharmacokinetics of Immunomodulator Treatments After Rouxâ€Enâ€Y Bypass in Obese Patient. Journal of Clinical Pharmacology, 2013, 53, 779-784. | 2.0 | 2 |
| 76 | COVID-19 Digestive Symptoms Mimicking Internal Hernia Presentation After Roux-en-Y-Gastric Bypass; Comment on â€œInternal Hernia in the Times of COVID-19: to Laparoscope or Not to Laparoscope?â€. Obesity Surgery, 2020, 30, 3601-3602. | 2.1 | 2 |
| 77 | 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 |
| 78 | Bariatric Surgery is feasible in patients with Ehlers-Danlos Syndrome. Surgery for Obesity and Related Diseases, 2020, 16, 1328-1331. | 1.2 | 1 |
| 79 | Cholangiocarcinoma Following Bariatric Surgery: a Prospective Follow-Up Single-Center Audit. Obesity Surgery, 2020, 30, 3590-3594. | 2.1 | 1 |
| 80 | Le transfert de microbiote fÃ©calÂ: quel potentiel thÃ©rapeutique dans le traitement des maladies mÃ©taboliquesÂ?. Nutrition Clinique Et Metabolisme, 2020, 34, 108-115. | 0.5 | 1 |
| 81 | Interactions entre les traitements du diabÃ¨te et le microbiote intestinalÂ: Ã©tat des connaissances et perspectives. Medecine Des Maladies Metaboliques, 2022, 16, 148-159. | 0.1 | 1 |
| 82 | Is Bariatric Surgery Effective in Reducing Comorbidities and Drug Costs?: Letter to the editor. Obesity Surgery, 2016, 26, 856-856. | 2.1 | 0 |