# Julian Avila

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2102010/publications.pdf

Version: 2024-02-01

| 28 | 5,556 | 304743 22 | 454955 30 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 31 | 31 | 31 | 9226 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Multi-omics of the gut microbial ecosystem in inflammatory bowel diseases. Nature, 2019, 569, 655-662. | 27.8 | 1,638 |
| 2 | Gut microbiome structure and metabolic activity in inflammatory bowel disease. Nature Microbiology, 2019, 4, 293-305. | 13.3 | 1,094 |
| 3 | Direct Ubiquitination of Pattern Recognition Receptor FLS2 Attenuates Plant Innate Immunity. Science, 2011, 332, 1439-1442. | 12.6 | 510 |
| 4 | Meta-omics analysis of elite athletes identifies a performance-enhancing microbe that functions via lactate metabolism. Nature Medicine, 2019, 25, 1104-1109. | 30.7 | 477 |
| 5 | Bacteroides-Derived Sphingolipids Are Critical for Maintaining Intestinal Homeostasis and Symbiosis. Cell Host and Microbe, 2019, 25, 668-680.e7. | 11.0 | 274 |
| 6 | Competitive binding of antagonistic peptides fine-tunes stomatal patterning. Nature, 2015, 522, 439-443. | 27.8 | 237 |
| 7 | Human gut bacteria produce Î—17-modulating bileÂacid metabolites. Nature, 2022, 603, 907-912. | 27.8 | 210 |
| 8 | Diet, Genetics, and the Gut Microbiome Drive Dynamic Changes in Plasma Metabolites. Cell Reports, 2018, 22, 3072-3086. | 6.4 | 159 |
| 9 | Revealing disease-associated pathways by network integration of untargeted metabolomics. Nature Methods, 2016, 13, 770-776. | 19.0 | 145 |
| 10 | Homeostatic control of metabolic and functional fitness of Treg cells by LKB1 signalling. Nature, 2017, 548, 602-606. | 27.8 | 143 |
| 11 | Phosphocode-dependent functional dichotomy of a common co-receptor in plant signalling. Nature, 2018, 561, 248-252. | 27.8 | 126 |
| 12 | Cerebral tryptophan metabolism and outcome of tuberculous meningitis: an observational cohort study. Lancet Infectious Diseases, The, 2018, 18, 526-535. | 9.1 | 77 |
| 13 | A Prospective Analysis of Circulating Plasma Metabolites Associated with Ovarian Cancer Risk. Cancer Research, 2020, 80, 1357-1367. | 0.9 | 54 |
| 14 | The ubiquitin ligase <scp>SEVEN IN ABSENTIA</scp> (<scp>SINA</scp>) ubiquitinates a defenseâ€related <scp>NAC</scp> transcription factor and is involved in defense signaling. New Phytologist, 2016, 211, 138-148. | 7.3 | 51 |
| 15 | Critical roles of mTORC1 signaling and metabolic reprogramming for M-CSFâ€“mediated myelopoiesis. Journal of Experimental Medicine, 2017, 214, 2629-2647. | 8.5 | 42 |
| 16 | An engineered live biotherapeutic for the prevention of antibiotic-induced dysbiosis. Nature Biomedical Engineering, 2022, 6, 910-921. | 22.5 | 36 |
| 17 | The Î²-Subunit of the SnRK1 Complex Is Phosphorylated by the Plant Cell Death Suppressor Adi3 Â Â Â. Plant Physiology, 2012, 159, 1277-1290. | 4.8 | 35 |
| 18 | Circulating Lysophosphatidylcholines, Phosphatidylcholines, Ceramides, and Sphingomyelins and Ovarian Cancer Risk: A 23-Year Prospective Study. Journal of the National Cancer Institute, 2020, 112, 628-636. | 6.3 | 34 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The T-loop Extension of the Tomato Protein Kinase AvrPto-dependent Pto-interacting Protein 3 (Adi3) Directs Nuclear Localization for Suppression of Plant Cell Death. Journal of Biological Chemistry, 2010, 285, 17584-17594. | 3.4 | 32 |
| 20 | Variability of Two Metabolomic Platforms in CKD. Clinical Journal of the American Society of Nephrology: CJASN, 2019, 14, 40-48. | 4.5 | 31 |
| 21 | Identifying therapeutic targets by combining transcriptional data with ordinal clinical measurements. Nature Communications, 2017, 8, 623. | 12.8 | 26 |
| 22 | Targeting a Braf/Mapk pathway rescues podocyte lipid peroxidation in CoQ-deficiency kidney disease. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 25 |
| 23 | Circulating amino acids and amino acid-related metabolites and risk of breast cancer among predominantly premenopausal women. Npj Breast Cancer, 2021, 7, 54. | 5.2 | 15 |
| 24 | The Tomato Cell Death Suppressor Adi3 Is Restricted to the Endosomal System in Response to the Pseudomonas syringae Effector Protein AvrPto. PLoS ONE, 2014, 9, e110807. | 2.5 | 10 |
| 25 | Intrapersonal Stability of Plasma Metabolomic Profiles over 10 Years among Women. Metabolites, 2022, 12, 372. | 2.9 | 9 |
| 26 | Two Pdk1 phosphorylation sites on the plant cell death suppressor Adi3 contribute to substrate phosphorylation. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 1099-1106. | 2.3 | 7 |
| 27 | Ubiquitination of the tomato cell death suppressor Adi3 by the RING E3 ubiquitin ligase AdBiL. Biochemical and Biophysical Research Communications, 2013, 430, 119-124. | 2.1 | 5 |
| 28 | Improving host-directed therapy for tuberculous meningitis by linking clinical and multi-omics data. Tuberculosis, 2021, 128, 102085. | 1.9 | 4 |