

Julian Avila

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

5,556
citations

346980

22
h-index

511568

30
g-index

31
all docs

31
docs citations

31
times ranked

10042
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-omics of the gut microbial ecosystem in inflammatory bowel diseases. <i>Nature</i> , 2019, 569, 655-662.	13.7	1,638
2	Gut microbiome structure and metabolic activity in inflammatory bowel disease. <i>Nature Microbiology</i> , 2019, 4, 293-305.	5.9	1,094
3	Direct Ubiquitination of Pattern Recognition Receptor FLS2 Attenuates Plant Innate Immunity. <i>Science</i> , 2011, 332, 1439-1442.	6.0	510
4	Meta-omics analysis of elite athletes identifies a performance-enhancing microbe that functions via lactate metabolism. <i>Nature Medicine</i> , 2019, 25, 1104-1109.	15.2	477
5	Bacteroides-Derived Sphingolipids Are Critical for Maintaining Intestinal Homeostasis and Symbiosis. <i>Cell Host and Microbe</i> , 2019, 25, 668-680.e7.	5.1	274
6	Competitive binding of antagonistic peptides fine-tunes stomatal patterning. <i>Nature</i> , 2015, 522, 439-443.	13.7	237
7	Human gut bacteria produce β -17-modulating bile acid metabolites. <i>Nature</i> , 2022, 603, 907-912.	13.7	210
8	Diet, Genetics, and the Gut Microbiome Drive Dynamic Changes in Plasma Metabolites. <i>Cell Reports</i> , 2018, 22, 3072-3086.	2.9	159
9	Revealing disease-associated pathways by network integration of untargeted metabolomics. <i>Nature Methods</i> , 2016, 13, 770-776.	9.0	145
10	Homeostatic control of metabolic and functional fitness of Treg cells by LKB1 signalling. <i>Nature</i> , 2017, 548, 602-606.	13.7	143
11	Phosphocode-dependent functional dichotomy of a common co-receptor in plant signalling. <i>Nature</i> , 2018, 561, 248-252.	13.7	126
12	Cerebral tryptophan metabolism and outcome of tuberculous meningitis: an observational cohort study. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 526-535.	4.6	77
13	A Prospective Analysis of Circulating Plasma Metabolites Associated with Ovarian Cancer Risk. <i>Cancer Research</i> , 2020, 80, 1357-1367.	0.4	54
14	The ubiquitin ligase <i>SEVEN IN ABSENTIA</i> (<i>SINA</i>) ubiquitinates a defense-related <i>NAC</i> transcription factor and is involved in defense signaling. <i>New Phytologist</i> , 2016, 211, 138-148.	3.5	51
15	Critical roles of mTORC1 signaling and metabolic reprogramming for M-CSF-mediated myelopoiesis. <i>Journal of Experimental Medicine</i> , 2017, 214, 2629-2647.	4.2	42
16	An engineered live biotherapeutic for the prevention of antibiotic-induced dysbiosis. <i>Nature Biomedical Engineering</i> , 2022, 6, 910-921.	11.6	36
17	The β -Subunit of the SnRK1 Complex Is Phosphorylated by the Plant Cell Death Suppressor <i>Adi3</i> . <i>Plant Physiology</i> , 2012, 159, 1277-1290.	2.3	35
18	Circulating Lysophosphatidylcholines, Phosphatidylcholines, Ceramides, and Sphingomyelins and Ovarian Cancer Risk: A 23-Year Prospective Study. <i>Journal of the National Cancer Institute</i> , 2020, 112, 628-636.	3.0	34

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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. <i>Journal of Biological Chemistry</i> , 2010, 285, 17584-17594.	1.6	32
20	Variability of Two Metabolomic Platforms in CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 40-48.	2.2	31
21	Identifying therapeutic targets by combining transcriptional data with ordinal clinical measurements. <i>Nature Communications</i> , 2017, 8, 623.	5.8	26
22	Targeting a Braf/Mapk pathway rescues podocyte lipid peroxidation in CoQ-deficiency kidney disease. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	25
23	Circulating amino acids and amino acid-related metabolites and risk of breast cancer among predominantly premenopausal women. <i>Npj Breast Cancer</i> , 2021, 7, 54.	2.3	15
24	The Tomato Cell Death Suppressor Adi3 Is Restricted to the Endosomal System in Response to the <i>Pseudomonas syringae</i> Effector Protein AvrPto. <i>PLoS ONE</i> , 2014, 9, e110807.	1.1	10
25	Intrapersonal Stability of Plasma Metabolomic Profiles over 10 Years among Women. <i>Metabolites</i> , 2022, 12, 372.	1.3	9
26	Two Pdk1 phosphorylation sites on the plant cell death suppressor Adi3 contribute to substrate phosphorylation. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 1099-1106.	1.1	7
27	Ubiquitination of the tomato cell death suppressor Adi3 by the RING E3 ubiquitin ligase AdBiL. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 119-124.	1.0	5
28	Improving host-directed therapy for tuberculous meningitis by linking clinical and multi-omics data. <i>Tuberculosis</i> , 2021, 128, 102085.	0.8	4