

Juan S Escobar

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

3,025
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257450

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Metformin Is Associated With Higher Relative Abundance of Mucin-Degrading <i>Akkermansia muciniphila</i> and Several Short-Chain Fatty Acid-Producing Microbiota in the Gut. <i>Diabetes Care</i> , 2017, 40, 54-62.	8.6	521
2	The <i>Capsella rubella</i> genome and the genomic consequences of rapid mating system evolution. <i>Nature Genetics</i> , 2013, 45, 831-835.	21.4	374
3	Higher Fecal Short-Chain Fatty Acid Levels Are Associated with Gut Microbiome Dysbiosis, Obesity, Hypertension and Cardiometabolic Disease Risk Factors. <i>Nutrients</i> , 2019, 11, 51.	4.1	312
4	Age- and Sex-Dependent Patterns of Gut Microbial Diversity in Human Adults. <i>MSystems</i> , 2019, 4, .	3.8	214
5	The gut microbiota of Colombians differs from that of Americans, Europeans and Asians. <i>BMC Microbiology</i> , 2014, 14, 311.	3.3	178
6	Reporting guidelines for human microbiome research: the STORMS checklist. <i>Nature Medicine</i> , 2021, 27, 1885-1892.	30.7	170
7	Bridging gaps in the molecular phylogeny of the Lymnaeidae (Gastropoda: Pulmonata), vectors of Fascioliasis. <i>BMC Evolutionary Biology</i> , 2010, 10, 381.	3.2	123
8	PATTERNS OF MATING SYSTEM EVOLUTION IN HERMAPHRODITIC ANIMALS: CORRELATIONS AMONG SELFING RATE, INBREEDING DEPRESSION, AND THE TIMING OF REPRODUCTION. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1233-1253.	2.3	123
9	The Different Sources of Variation in Inbreeding Depression, Heterosis and Outbreeding Depression in a Metapopulation of <i>Physa acuta</i> . <i>Genetics</i> , 2008, 180, 1593-1608.	2.9	115
10	GC-Biased Gene Conversion and Selection Affect GC Content in the <i>Oryza</i> Genus (rice). <i>Molecular Biology and Evolution</i> , 2011, 28, 2695-2706.	8.9	83
11	Gut microbiota is associated with obesity and cardiometabolic disease in a population in the midst of Westernization. <i>Scientific Reports</i> , 2018, 8, 11356.	3.3	82
12	Multigenic phylogeny and analysis of tree incongruences in Triticeae (Poaceae). <i>BMC Evolutionary Biology</i> , 2011, 11, 181.	3.2	72
13	Morphological and molecular characterization of Neotropical Lymnaeidae (Gastropoda: Lymnaeidae), vectors of fasciolosis. <i>Infection, Genetics and Evolution</i> , 2011, 11, 1978-1988.	2.3	72
14	AN INTEGRATIVE TEST OF THE DEAD-END HYPOTHESIS OF SELFING EVOLUTION IN TRITICEAE (POACEAE). <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, no-no.	2.3	69
15	Outbreeding Alleviates Senescence in Hermaphroditic Snails as Expected from the Mutation-Accumulation Theory. <i>Current Biology</i> , 2008, 18, 906-910.	3.9	59
16	Molecular Evolution of Freshwater Snails with Contrasting Mating Systems. <i>Molecular Biology and Evolution</i> , 2015, 32, 2403-2416.	8.9	54
17	GC-Biased Gene Conversion Impacts Ribosomal DNA Evolution in Vertebrates, Angiosperms, and Other Eukaryotes. <i>Molecular Biology and Evolution</i> , 2011, 28, 2561-2575.	8.9	53
18	Body size phenotypes comprehensively assess cardiometabolic risk and refine the association between obesity and gut microbiota. <i>International Journal of Obesity</i> , 2018, 42, 424-432.	3.4	48

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19	Impact of DNA extraction, sample dilution, and reagent contamination on 16S rRNA gene sequencing of human feces. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 403-411.	3.6	43
20	Considerations For Optimizing Microbiome Analysis Using a Marker Gene. <i>Frontiers in Nutrition</i> , 2016, 3, 26.	3.7	40
21	Self-fertilization, long-distance flash invasion and biogeography shape the population structure of <i>Pseudosuccinea columella</i> at the worldwide scale. <i>Molecular Ecology</i> , 2017, 26, 887-903.	3.9	40
22	COMPARATIVE POPULATION GENOMICS IN COLLINSIA SISTER SPECIES REVEALS EVIDENCE FOR REDUCED EFFECTIVE POPULATION SIZE, RELAXED SELECTION, AND EVOLUTION OF BIASED GENE CONVERSION WITH AN ONGOING MATING SYSTEM SHIFT. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 67, no-no.	2.3	36
23	NO CORRELATION BETWEEN INBREEDING DEPRESSION AND DELAYED SELFING IN THE FRESHWATER SNAIL <i>PHYSA ACUTA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 2655-2670.	2.3	33
24	Green Coffee Extract Improves Cardiometabolic Parameters and Modulates Gut Microbiota in High-Fat-Diet-Fed ApoE ^{-/-} Mice. <i>Nutrients</i> , 2019, 11, 497.	4.1	30
25	CORRELATED EVOLUTION OF MATING STRATEGY AND INBREEDING DEPRESSION WITHIN AND AMONG POPULATIONS OF THE HERMAPHRODITIC SNAIL <i>PHYSA ACUTA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 2790-2804.	2.3	27
26	Diet Quality, Food Groups and Nutrients Associated with the Gut Microbiota in a Nonwestern Population. <i>Nutrients</i> , 2020, 12, 2938.	4.1	24
27	Gut microbiota composition explains more variance in the host cardiometabolic risk than genetic ancestry. <i>Gut Microbes</i> , 2020, 11, 191-204.	9.8	11
28	Variants in genes of innate immunity, appetite control and energy metabolism are associated with host cardiometabolic health and gut microbiota composition. <i>Gut Microbes</i> , 2020, 11, 556-568.	9.8	7
29	Identification and Removal of Potential Contaminants in 16S rRNA Gene Sequence Data Sets from Low-Microbial-Biomass Samples: an Example from Mosquito Tissues. <i>MSphere</i> , 2021, 6, e0050621.	2.9	5
30	Did life history evolve in response to parasites in invasive populations of <i>Melanoides tuberculata</i> ? <i>Acta Oecologica</i> , 2009, 35, 639-644.	1.1	3