

L Jesus Garcia-Gil

List of Publications by Year in descending order

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57
papers

3,648
citations

186265

28
h-index

149698

56
g-index

58
all docs

58
docs citations

58
times ranked

4872
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Faecalibacterium prausnitzii</i> : from microbiology to diagnostics and prognostics. ISME Journal, 2017, 11, 841-852.	9.8	510
2	Cultured Representatives of Two Major Phylogroups of Human Colonic <i>Faecalibacterium prausnitzii</i> Can Utilize Pectin, Uronic Acids, and Host-Derived Substrates for Growth. Applied and Environmental Microbiology, 2012, 78, 420-428.	3.1	341
3	Molecular diversity of <i>Escherichia coli</i> in the human gut: New ecological evidence supporting the role of adherent-invasive <i>E. coli</i> (AIEC) in Crohn's disease. Inflammatory Bowel Diseases, 2009, 15, 872-882.	1.9	339
4	Abnormal microbiota composition in the ileocolonic mucosa of Crohn's disease patients as revealed by polymerase chain reaction-denaturing gradient gel electrophoresis. Inflammatory Bowel Diseases, 2006, 12, 1136-1145.	1.9	238
5	<i>Escherichia coli</i> in chronic inflammatory bowel diseases: An update on adherent invasive <i>Escherichia coli</i> pathogenicity. World Journal of Gastrointestinal Pathophysiology, 2014, 5, 213.	1.0	171
6	Alterations in the Abundance and Co-occurrence of <i>Akkermansia muciniphila</i> and <i>Faecalibacterium prausnitzii</i> in the Colonic Mucosa of Inflammatory Bowel Disease Subjects. Frontiers in Cellular and Infection Microbiology, 2018, 8, 281.	3.9	135
7	Previously unknown and phylogenetically diverse members of the green nonsulfur bacteria are indigenous to freshwater lakes. Archives of Microbiology, 2001, 177, 1-10.	2.2	131
8	Bacterial Degradation of Cyanide and Its Metal Complexes under Alkaline Conditions. Applied and Environmental Microbiology, 2005, 71, 940-947.	3.1	121
9	Mucosa-associated <i>Faecalibacterium prausnitzii</i> and <i>Escherichia coli</i> co-abundance can distinguish Irritable Bowel Syndrome and Inflammatory Bowel Disease phenotypes. International Journal of Medical Microbiology, 2014, 304, 464-475.	3.6	114
10	Changes in the Abundance of <i>Faecalibacterium prausnitzii</i> Phylogroups I and II in the Intestinal Mucosa of Inflammatory Bowel Disease and Patients with Colorectal Cancer. Inflammatory Bowel Diseases, 2016, 22, 28-41.	1.9	108
11	Separation of bacteriochlorophyll homologues from green photosynthetic sulfur bacteria by reversed-phase HPLC. Photosynthesis Research, 1994, 41, 157-164.	2.9	99
12	Similarity and Divergence among Adherent-Invasive <i>Escherichia coli</i> and Extraintestinal Pathogenic <i>E. coli</i> Strains. Journal of Clinical Microbiology, 2009, 47, 3968-3979.	3.9	96
13	Biofilm formation as a novel phenotypic feature of adherent-invasive <i>Escherichia coli</i> (AIEC). BMC Microbiology, 2009, 9, 202.	3.3	91
14	Mucosa-Associated <i>Faecalibacterium prausnitzii</i> Phylotype Richness Is Reduced in Patients with Inflammatory Bowel Disease. Applied and Environmental Microbiology, 2015, 81, 7582-7592.	3.1	89
15	Rearrangement of light harvesting bacteriochlorophyll homologues as a response of green sulfur bacteria to low light intensities. Photosynthesis Research, 1995, 45, 21-30.	2.9	87
16	Determination of the topography and biometry of chlorosomes by atomic force microscopy. Photosynthesis Research, 2002, 71, 83-90.	2.9	76
17	Diagnosis and prevalence of enteropathogenic bacteria in children less than 5 years of age with acute diarrhea in Tehran children's hospitals. Journal of Infection, 2009, 58, 21-27.	3.3	73
18	Title is missing!. Photosynthesis Research, 1999, 60, 257-264.	2.9	62

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19	Anti-tumour Necrosis Factor Treatment with Adalimumab Induces Changes in the Microbiota of Crohn's Disease. <i>Journal of Crohn's and Colitis</i> , 2015, 9, 899-906.	1.3	59
20	Dynamics of the oral microbiota as a tool to estimate time since death. <i>Molecular Oral Microbiology</i> , 2017, 32, 511-516.	2.7	52
21	Daily thanatomicrobiome changes in soil as an approach of postmortem interval estimation: An ecological perspective. <i>Forensic Science International</i> , 2017, 278, 388-395.	2.2	47
22	Comparative genomics reveals new single-nucleotide polymorphisms that can assist in identification of adherent-invasive <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2018, 8, 2695.	3.3	46
23	Multiplex Real-time PCR for the Simultaneous Detection of <i>Salmonella</i> spp. and <i>Listeria monocytogenes</i> in Food Samples. <i>Food Analytical Methods</i> , 2011, 4, 131-138.	2.6	44
24	Effect of Carotenoid Biosynthesis Inhibition on the Chlorosome Organization in <i>Chlorobium phaeobacteroides</i> Strain CL1401. <i>Photochemistry and Photobiology</i> , 2000, 71, 715-723.	2.5	39
25	A New Real-Time PCR Assay for the Specific Detection of <i>Salmonella</i> spp. Targeting the <i>bipA</i> Gene. <i>Food Analytical Methods</i> , 2008, 1, 236-242.	2.6	38
26	Excitation energy transfer in chlorosomes of <i>Chlorobium phaeobacteroides</i> strain CL1401: the role of carotenoids. <i>Photosynthesis Research</i> , 2002, 71, 5-18.	2.9	35
27	Identification of the bacteriochlorophyll homologues of <i>Chlorobium phaeobacteroides</i> strain UdG6053 grown at low light intensity. <i>Photosynthesis Research</i> , 2001, 70, 221-230.	2.9	32
28	Occurrence of new bacteriochlorophyll d forms in natural populations of green photosynthetic sulfur bacteria. <i>FEMS Microbiology Ecology</i> , 1998, 26, 257-267.	2.7	30
29	Adherent-Invasive <i>Escherichia coli</i> Phenotype Displayed by Intestinal Pathogenic <i>E. coli</i> Strains from Cats, Dogs, and Swine. <i>Applied and Environmental Microbiology</i> , 2011, 77, 5813-5817.	3.1	26
30	Fast energy transfer between BChl d and BChl c in chlorosomes of the green sulfur bacterium <i>Chlorobium limicola</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2000, 1457, 71-80.	1.0	24
31	Nanosecond Laser Photolysis Studies of Chlorosomes and Artificial Aggregates Containing Bacteriochlorophyll e: Evidence for the Proximity of Carotenoids and Bacteriochlorophyll a in Chlorosomes from <i>Chlorobium phaeobacteroides</i> strain CL1401. <i>Photochemistry and Photobiology</i> , 2000, 72, 669.	2.5	24
32	Characterization of the chlorosome antenna of the filamentous anoxygenic phototrophic bacterium <i>Chloronema</i> sp. strain UdG9001. <i>Archives of Microbiology</i> , 2003, 180, 417-426.	2.2	22
33	Use of <i>amoB</i> as a new molecular marker for ammonia-oxidizing bacteria. <i>Journal of Microbiological Methods</i> , 2004, 57, 69-78.	1.6	22
34	Signature pigments of green sulfur bacteria in lower Pleistocene deposits from the Banyoles lacustrine area (Spain). <i>Journal of Paleolimnology</i> , 2005, 34, 271-280.	1.6	21
35	Effect of carotenoid deficiency on cells and chlorosomes of <i>Chlorobium phaeobacteroides</i> . <i>Archives of Microbiology</i> , 2001, 175, 226-233.	2.2	20
36	Use of the ammonia-oxidizing bacterial-specific phylogenetic probe Nso1225 as a primer for fingerprint analysis of ammonia-oxidizer communities. <i>Applied Microbiology and Biotechnology</i> , 2004, 63, 715-721.	3.6	20

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37	Title is missing!. Photosynthesis Research, 1999, 59, 231-241.	2.9	17
38	Light responses in the green sulfur bacterium <i>Prosthecochloris aestuarii</i> : changes in prosthecae length, ultrastructure, and antenna pigment composition. Archives of Microbiology, 2001, 176, 278-284.	2.2	17
39	Growth-rate-dependent bacteriochlorophyll c / d ratio in the antenna of <i>Chlorobium limicola</i> strain UdG6040. Archives of Microbiology, 1999, 171, 350-354.	2.2	15
40	A New Multiplexed Real-Time PCR Assay to Detect <i>Campylobacter jejuni</i> , <i>C. coli</i> , <i>C. lari</i> , and <i>C. upsaliensis</i> . Food Analytical Methods, 2010, 3, 40-46.	2.6	14
41	New fecal bacterial signature for colorectal cancer screening reduces the fecal immunochemical test false-positive rate in a screening population. PLoS ONE, 2020, 15, e0243158.	2.5	14
42	A comparative study of <i>bchG</i> from green photosynthetic bacteria. Archives of Microbiology, 2003, 179, 108-115.	2.2	12
43	Reduction of faecal immunochemical test false-positive results using a signature based on faecal bacterial markers. Alimentary Pharmacology and Therapeutics, 2019, 49, 1410-1420.	3.7	12
44	A New Validated Real-Time PCR-Based Method for the Specific and Fast Detection of <i>Cronobacter</i> spp. in Infant Formula. Food Analytical Methods, 2012, 5, 179-187.	2.6	10
45	RAID Prediction: Pilot Study of Fecal Microbial Signature With Capacity to Predict Response to Anti-TNF Treatment. Inflammatory Bowel Diseases, 2021, 27, S63-S66.	1.9	10
46	Polygenic analysis of ammonia-oxidizing bacteria using 16S rDNA, <i>amoA</i> , and <i>amoB</i> genes. International Microbiology, 2005, 8, 103-10.	2.4	9
47	Evaluation of bacterial biomarkers to aid in challenging inflammatory bowel diseases diagnostics and subtype classification. World Journal of Gastrointestinal Pathophysiology, 2020, 11, 64-77.	1.0	8
48	Phosphorus deficiency and kinetics of alkaline phosphatase in isolates and natural populations of phototrophic sulphur bacteria. FEMS Microbiology Ecology, 2010, 73, no-no.	2.7	6
49	Environmental and physiological factors affecting the uptake of phosphate by <i>Chlorobium limicola</i> . Archives of Microbiology, 1998, 170, 252-258.	2.2	4
50	Nanosecond Laser Photolysis Studies of Chlorosomes and Artificial Aggregates Containing Bacteriochlorophyll e: Evidence for the Proximity of Carotenoids and Bacteriochlorophyll a in Chlorosomes from <i>Chlorobium phaeobacteroides</i> strain CL1401A. Photochemistry and Photobiology, 2007, 72, 669-675.	2.5	3
51	Lack of Clinical Usefulness of Das-1 Monoclonal Antibody and Mucin Expression as Risk Markers of Gastric Carcinoma in Patients With Gastric Intestinal Metaplasia. American Journal of Clinical Pathology, 2009, 131, 99-105.	0.7	3
52	A novel distinctive form of identification for differential diagnosis of irritable bowel syndrome, inflammatory bowel disease, and healthy controls. GastroHep, 2020, 2, 193-204.	0.6	3
53	A Novel Grape-Derived Prebiotic Selectively Enhances Abundance and Metabolic Activity of Butyrate-Producing Bacteria in Faecal Samples. Frontiers in Microbiology, 2021, 12, 639948.	3.5	3
54	A validated simple and rapid method for the simultaneous detection of both <i>Cronobacter</i> spp. and <i>Salmonella</i> spp. for infant formula quality control. Dairy Science and Technology, 2012, 92, 151-166.	2.2	2

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55	Variability of the photosynthetic antenna of a <i>Pelodictyon clathratiforme</i> population from a freshwater holomictic pond. <i>FEMS Microbiology Ecology</i> , 2001, 37, 11-19.	2.7	2
56	New Fecal Bacterial Signature for Colorectal Cancer Screening Reduces the Fecal Immunochemical Test False-Positive Rate in a Screening Population. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
57	Detection and identification of unknown streptococcal populations in clinical samples. <i>Microbial Ecology in Health and Disease</i> , 2009, 21, 233-240.	3.5	0