L Jesus Garcia-Gil

List of Publications by Year
in descending order

56 papers	3,648 citations	185998 28 h-index	155451 55 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.	4.4	510
2	Cultured Representatives of Two Major Phylogroups of Human Colonic Faecalibacterium prausnitzii Can Utilize Pectin, Uronic Acids, and Host-Derived Substrates for Growth. Applied and Environmental Microbiology, 2012, 78, 420-428.	1.4	341
3	Molecular diversity of Escherichia coli in the human gut: New ecological evidence supporting the role of adherent-invasive E. coli (AIEC) in CrohnÊ¼s disease. Inflammatory Bowel Diseases, 2009, 15, 872-882.	0.9	339
4	Abnormal microbiota composition in the ileocolonic mucosa of CrohnÊ¼s disease patients as revealed by polymerase chain reaction-denaturing gradient gel electrophoresis. Inflammatory Bowel Diseases, 2006, 12, 1136-1145.	0.9	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.	0.5	171
6	Alterations in the Abundance and Co-occurrence of Akkermansia muciniphila and Faecalibacterium prausnitzii in the Colonic Mucosa of Inflammatory Bowel Disease Subjects. Frontiers in Cellular and Infection Microbiology, 2018, 8, 281.	1.8	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.	1.0	131
8	Bacterial Degradation of Cyanide and Its Metal Complexes under Alkaline Conditions. Applied and Environmental Microbiology, 2005, 71, 940-947.	1.4	121
9	Mucosa-associated Faecalibacterium prausnitzii and Escherichia coli co-abundance can distinguish Irritable Bowel Syndrome and Inflammatory Bowel Disease phenotypes. International Journal of Medical Microbiology, 2014, 304, 464-475.	1.5	114
10	Changes in the Abundance of Faecalibacterium prausnitzii Phylogroups I and II in the Intestinal Mucosa of Inflammatory Bowel Disease and Patients with Colorectal Cancer. Inflammatory Bowel Diseases, 2016, 22, 28-41.	0.9	108
11	Separation of bacteriochlorophyll homologues from green photosynthetic sulfur bacteria by reversed-phase HPLC. Photosynthesis Research, 1994, 41, 157-164.	1.6	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.	1.8	96
13	Biofilm formation as a novel phenotypic feature of adherent-invasive Escherichia coli (AIEC). BMC Microbiology, 2009, 9, 202.	1.3	91
14	Mucosa-Associated Faecalibacterium prausnitzii Phylotype Richness Is Reduced in Patients with Inflammatory Bowel Disease. Applied and Environmental Microbiology, 2015, 81, 7582-7592.	1.4	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.	1.6	87
16	Determination of the topography and biometry of chlorosomes by atomic force microscopy. Photosynthesis Research, 2002, 71, 83-90.	1.6	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.	1.7	73
18	Title is missing!. Photosynthesis Research, 1999, 60, 257-264.	1.6	62

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19	Anti-tumour Necrosis Factor Treatment with Adalimumab Induces Changes in the Microbiota of Crohnâ€™s Disease. Journal of Crohn's and Colitis, 2015, 9, 899-906.	0.6	59
20	Dynamics of the oral microbiota as a tool to estimate time since death. Molecular Oral Microbiology, 2017, 32, 511-516.	1.3	52
21	Daily thanatomicrobiome changes in soil as an approach of postmortem interval estimation: An ecological perspective. Forensic Science International, 2017, 278, 388-395.	1.3	47
22	Comparative genomics reveals new single-nucleotide polymorphisms that can assist in identification of adherent-invasive Escherichia coli. Scientific Reports, 2018, 8, 2695.	1.6	46
23	Multiplex Real-time PCR for the Simultaneous Detection of Salmonella spp. and Listeria monocytogenes in Food Samples. Food Analytical Methods, 2011, 4, 131-138.	1.3	44
24	Effect of Carotenoid Biosynthesis Inhibition on the Chlorosome Organization in Chlorobium phaeobacteroides Strain CL1401. Photochemistry and Photobiology, 2000, 71, 715-723.	1.3	39
25	A New Real-Time PCR Assay for the Specific Detection of Salmonella spp. Targeting the bipA Gene. Food Analytical Methods, 2008, 1, 236-242.	1.3	38
26	Excitation energy transfer in chlorosomes of Chlorobium phaeobacteroides strain CL1401: the role of carotenoids. Photosynthesis Research, 2002, 71, 5-18.	1.6	35
27	Identification of the bacteriochlorophyll homologues of Chlorobium phaeobacteroides strain UdG6053 grown at low light intensity. Photosynthesis Research, 2001, 70, 221-230.	1.6	32
28	Occurrence of new bacteriochlorophyll d forms in natural populations of green photosynthetic sulfur bacteria. FEMS Microbiology Ecology, 1998, 26, 257-267.	1.3	30
29	Adherent-Invasive Escherichia coli Phenotype Displayed by Intestinal Pathogenic E. coli Strains from Cats, Dogs, and Swine. Applied and Environmental Microbiology, 2011, 77, 5813-5817.	1.4	26
30	Fast energy transfer between BChl d and BChl c in chlorosomes of the green sulfur bacterium Chlorobium limicola. Biochimica Et Biophysica Acta - Bioenergetics, 2000, 1457, 71-80.	0.5	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 Chlorobium phaeobacteroides strain CL1401Â¶. Photochemistry and Photobiology, 2000, 72, 669.	1.3	24
32	Characterization of the chlorosome antenna of the filamentous anoxygenic phototrophic bacterium Chloronema sp. strain UdG9001. Archives of Microbiology, 2003, 180, 417-426.	1.0	22
33	Use of amoB as a new molecular marker for ammonia-oxidizing bacteria. Journal of Microbiological Methods, 2004, 57, 69-78.	0.7	22
34	Signature pigments of green sulfur bacteria in lower Pleistocene deposits from the Banyoles lacustrine area (Spain). Journal of Paleolimnology, 2005, 34, 271-280.	0.8	21
35	Effect of carotenoid deficiency on cells and chlorosomes of Chlorobium phaeobacteroides. Archives of Microbiology, 2001, 175, 226-233.	1.0	20
36	Use of the ammonia-oxidizing bacterial-specific phylogenetic probe Nso1225 as a primer for fingerprint analysis of ammonia-oxidizer communities. Applied Microbiology and Biotechnology, 2004, 63, 715-721.	1.7	20

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37	Title is missing!. Photosynthesis Research, 1999, 59, 231-241.	1.6	17
38	Light responses in the green sulfur bacterium Prosthecochloris aestuarii : changes in prosthecae length, ultrastructure, and antenna pigment composition. Archives of Microbiology, 2001, 176, 278-284.	1.0	17
39	Growth-rate-dependent bacteriochlorophyll c / d ratio in the antenna of Chlorobium limicola strain UdG6040. Archives of Microbiology, 1999, 171, 350-354.	1.0	15
40	A New Multiplexed Real-Time PCR Assay to Detect Campylobacter jejuni, C. coli, C. lari, and C. upsaliensis. Food Analytical Methods, 2010, 3, 40-46.	1.3	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.	1.1	14
42	A comparative study of bchG from green photosynthetic bacteria. Archives of Microbiology, 2003, 179, 108-115.	1.0	12
43	Reduction of faecal immunochemical test falseâ€positive results using a signature based on faecal bacterial markers. Alimentary Pharmacology and Therapeutics, 2019, 49, 1410-1420.	1.9	12
44	A New Validated Real-Time PCR-Based Method for the Specific and Fast Detection of Cronobacter spp. in Infant Formula. Food Analytical Methods, 2012, 5, 179-187.	1.3	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.	0.9	10
46	Polygenic analysis of ammonia-oxidizing bacteria using 16S rDNA, amoA, and amoB genes. International Microbiology, 2005, 8, 103-10.	1.1	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.	0.5	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.	1.3	6
49	Environmental and physiological factors affecting the uptake of phosphate by Chlorobium limicola. Archives of Microbiology, 1998, 170, 252-258.	1.0	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 Chlorobium phaeobacteroides strain CL1401Â¶. Photochemistry and Photobiology, 2007, 72, 669-675.	1.3	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.	0.4	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.	0.3	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.	1.5	3
54	A validated simple and rapid method for the simultaneous detection of both Cronobacter spp. and Salmonella spp. for infant formula quality control. Dairy Science and Technology, 2012, 92, 151-166.	2.2	2

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55	New Fecal Bacterial Signature for Colorectal Cancer Screening Reduces the Fecal Immunochemical Test False-Positive Rate in a Screening Population. SSRN Electronic Journal, 0, , .	0.4	1
56	Detection and identification of unknown streptococcal populations in clinical samples. Microbial Ecology in Health and Disease, 2009, 21, 233-240.	3.8	0