

Antonio Manuel Martin Platero

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

3,746
citations

279798

23
h-index

276875

41
g-index

43
all docs

43
docs citations

43
times ranked

6304
citing authors

#	ARTICLE	IF	CITATIONS
1	A communal catalogue reveals Earth's multiscale microbial diversity. <i>Nature</i> , 2017, 551, 457-463.	27.8	1,942
2	Characterization and safety evaluation of enterococci isolated from Spanish goats' milk cheeses. <i>International Journal of Food Microbiology</i> , 2009, 132, 24-32.	4.7	155
3	Distribution-Based Clustering: Using Ecology To Refine the Operational Taxonomic Unit. <i>Applied and Environmental Microbiology</i> , 2013, 79, 6593-6603.	3.1	140
4	High resolution time series reveals cohesive but short-lived communities in coastal plankton. <i>Nature Communications</i> , 2018, 9, 266.	12.8	122
5	Characterization of Antimicrobial Substances Produced by <i>Enterococcus faecalis</i> MRR 10-3, Isolated from the Uropygial Gland of the Hoopoe (<i>Upupa epops</i>). <i>Applied and Environmental Microbiology</i> , 2006, 72, 4245-4249.	3.1	112
6	Symbiotic association between hoopoes and antibiotic-producing bacteria that live in their uropygial gland. <i>Functional Ecology</i> , 2008, 22, 864-871.	3.6	108
7	Symbiotic bacteria living in the hoopoe's uropygial gland prevent feather degradation. <i>Journal of Experimental Biology</i> , 2009, 212, 3621-3626.	1.7	96
8	Fast, convenient, and economical method for isolating genomic DNA from lactic acid bacteria using a modification of the protein 'salting-out' procedure. <i>Analytical Biochemistry</i> , 2007, 366, 102-104.	2.4	92
9	Seasonal, sexual and developmental differences in hoopoe (<i>Upupa epops</i>) preen gland morphology and secretions: evidence for a role of bacteria. <i>Journal of Avian Biology</i> , 2009, 40, 191-205.	1.2	85
10	Biodiversity of the microbial community in a Spanish farmhouse cheese as revealed by culture-dependent and culture-independent methods. <i>International Journal of Food Microbiology</i> , 2008, 127, 200-208.	4.7	79
11	Number and colour composition of nest lining feathers predict eggshell bacterial community in barn swallow nests: an experimental study. <i>Functional Ecology</i> , 2010, 24, 426-433.	3.6	77
12	Polyphasic study of microbial communities of two Spanish farmhouse goats' milk cheeses from Sierra de Aracena. <i>Food Microbiology</i> , 2009, 26, 294-304.	4.2	68
13	The evolution of size of the uropygial gland: mutualistic feather mites and uropygial secretion reduce bacterial loads of eggshells and hatching failures of European birds. <i>Journal of Evolutionary Biology</i> , 2012, 25, 1779-1791.	1.7	60
14	Special structures of hoopoe eggshells enhance the adhesion of symbiont-carrying uropygial secretion that increase hatching success. <i>Journal of Animal Ecology</i> , 2014, 83, 1289-1301.	2.8	54
15	Typing of bacteriophages by randomly amplified polymorphic DNA (RAPD)-PCR to assess genetic diversity. <i>FEMS Microbiology Letters</i> , 2011, 322, 90-97.	1.8	49
16	Polyphasic Approach to Bacterial Dynamics during the Ripening of Spanish Farmhouse Cheese, Using Culture-Dependent and -Independent Methods. <i>Applied and Environmental Microbiology</i> , 2008, 74, 5662-5673.	3.1	46
17	Antimicrobial Activity and Genetic Profile of Enterococci Isolated from Hoopoes Uropygial Gland. <i>PLoS ONE</i> , 2012, 7, e41843.	2.5	36
18	Avian life history traits influence eggshell bacterial loads: a comparative analysis. <i>Ibis</i> , 2012, 154, 725-737.	1.9	33

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19	Egg Production in Poultry Farming Is Improved by Probiotic Bacteria. <i>Frontiers in Microbiology</i> , 2019, 10, 1042.	3.5	32
20	Diversity and antimicrobial potential in sea anemone and holothurian microbiomes. <i>PLoS ONE</i> , 2018, 13, e0196178.	2.5	30
21	The Hoopoe's Uropygial Gland Hosts a Bacterial Community Influenced by the Living Conditions of the Bird. <i>PLoS ONE</i> , 2015, 10, e0139734.	2.5	29
22	Eggshell Bacterial Load Is Related to Antimicrobial Properties of Feathers Lining Barn Swallow Nests. <i>Microbial Ecology</i> , 2014, 67, 480-487.	2.8	25
23	Environmental Factors Shape the Community of Symbionts in the Hoopoe Uropygial Gland More than Genetic Factors. <i>Applied and Environmental Microbiology</i> , 2014, 80, 6714-6723.	3.1	25
24	DNA sampling from eggshell swabbing is widely applicable in wild bird populations as demonstrated in 23 species. <i>Molecular Ecology Resources</i> , 2011, 11, 481-493.	4.8	23
25	Innate humoral immunity is related to eggshell bacterial load of European birds: a comparative analysis. <i>Die Naturwissenschaften</i> , 2011, 98, 807-813.	1.6	23
26	Bacterial density rather than diversity correlates with hatching success across different avian species. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	21
27	Allium-Based Phytobiotic Enhances Egg Production in Laying Hens through Microbial Composition Changes in Ileum and Cecum. <i>Animals</i> , 2021, 11, 448.	2.3	21
28	Chelex-based DNA isolation procedure for the identification of microbial communities of eggshell surfaces. <i>Analytical Biochemistry</i> , 2010, 397, 253-255.	2.4	20
29	Horizontal transmission of streptococcus mutans in schoolchildren. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2012, 17, e495-e500.	1.7	20
30	Cognitive skills and bacterial load: comparative evidence of costs of cognitive proficiency in birds. <i>Die Naturwissenschaften</i> , 2012, 99, 111-122.	1.6	19
31	Preening as a Vehicle for Key Bacteria in Hoopoes. <i>Microbial Ecology</i> , 2015, 70, 1024-1033.	2.8	19
32	Allium Extract Implements Weaned Piglet's Productive Parameters by Modulating Distal Gut Microbiota. <i>Antibiotics</i> , 2021, 10, 269.	3.7	14
33	Synergy of the Bacteriocin AS-48 and Antibiotics against Uropathogenic Enterococci. <i>Antibiotics</i> , 2020, 9, 567.	3.7	13
34	Characterisation of Escherichia coli isolated from raw milk cheeses. <i>Annals of Microbiology</i> , 2007, 57, 49-54.	2.6	12
35	Comparative analysis of microbial DNA extraction protocols for groundwater samples. <i>Analytical Biochemistry</i> , 2011, 416, 240-242.	2.4	9
36	Nestedness of hoopoes' bacterial communities: symbionts from the uropygial gland to the eggshell. <i>Biological Journal of the Linnean Society</i> , 2016, 118, 763-773.	1.6	9

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37	Draft Genome Sequences of Six <i>Lactobacillus pentosus</i> Strains Isolated from Brines of Traditionally Fermented Spanish-Style Green Table Olives. <i>Genome Announcements</i> , 2018, 6, .	0.8	7
38	BSocial: Deciphering Social Behaviors within Mixed Microbial Populations. <i>Frontiers in Microbiology</i> , 2017, 8, 919.	3.5	6
39	Multiple Genome Sequences of <i>Lactobacillus pentosus</i> Strains Isolated from Biofilms on the Skin of Fermented Green Table Olives. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	5
40	Enterocin Cross-Resistance Mediated by ABC Transport Systems. <i>Microorganisms</i> , 2021, 9, 1411.	3.6	5
41	Beneficial Shifts in the Gut Bacterial Community of Gilthead Seabream (<i>Sparus aurata</i>) Juveniles Supplemented with Allium-Derived Compound Propyl Propane Thiosulfonate (PTSO). <i>Animals</i> , 2022, 12, 1821.	2.3	5