

Javier Fernandez

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,364
citations

516215

16
h-index

454577

30
g-index

31
all docs

31
docs citations

31
times ranked

2311
citing authors

#	ARTICLE	IF	CITATIONS
1	Colon microbiota fermentation of dietary prebiotics towards short-chain fatty acids and their roles as anti-inflammatory and antitumour agents: A review. <i>Journal of Functional Foods</i> , 2016, 25, 511-522.	1.6	257
2	Plant nutraceuticals as antimicrobial agents in food preservation: terpenoids, polyphenols and thiols. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 309-315.	1.1	186
3	Antiproliferative and palliative activity of flavonoids in colorectal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112241.	2.5	151
4	New Insights toward Colorectal Cancer Chemotherapy Using Natural Bioactive Compounds. <i>Frontiers in Pharmacology</i> , 2017, 8, 109.	1.6	117
5	A Galacto-Oligosaccharides Preparation Derived From Lactulose Protects Against Colorectal Cancer Development in an Animal Model. <i>Frontiers in Microbiology</i> , 2018, 9, 2004.	1.5	66
6	Adenylation and S-Methylation of Cysteine by the Bifunctional Enzyme TioN in Thiocoraline Biosynthesis. <i>Journal of the American Chemical Society</i> , 2014, 136, 17350-17354.	6.6	58
7	In vitro activity of dalbavancin against biofilms of staphylococci isolated from prosthetic joint infections. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 85, 449-451.	0.8	56
8	Functional Anthocyanin-Rich Sausages Diminish Colorectal Cancer in an Animal Model and Reduce Pro-Inflammatory Bacteria in the Intestinal Microbiota. <i>Genes</i> , 2018, 9, 133.	1.0	51
9	Dissemination of multiresistant <i>Enterobacter cloacae</i> isolates producing OXA-48 and CTX-M-15 in a Spanish hospital. <i>International Journal of Antimicrobial Agents</i> , 2015, 46, 469-474.	1.1	49
10	Plant Phytochemicals in Food Preservation: Antifungal Bioactivity: A Review. <i>Journal of Food Protection</i> , 2020, 83, 163-171.	0.8	46
11	Antimicrobial Susceptibility and Clonality of Clinical <i>Ureaplasma</i> Isolates in the United States. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4793-4798.	1.4	43
12	Traditional Processed Meat Products Re-designed Towards Inulin-rich Functional Foods Reduce Polyps in Two Colorectal Cancer Animal Models. <i>Scientific Reports</i> , 2019, 9, 14783.	1.6	37
13	A diet based on cured acorn-fed ham with oleic acid content promotes anti-inflammatory gut microbiota and prevents ulcerative colitis in an animal model. <i>Lipids in Health and Disease</i> , 2020, 19, 28.	1.2	30
14	Healthy effects of prebiotics and their metabolites against intestinal diseases and colorectal cancer. <i>AIMS Microbiology</i> , 2015, 1, 48-71.	1.0	30
15	Comparison of Three Biochemical Tests for Rapid Detection of Extended-Spectrum β -Lactamase-Producing <i>Enterobacteriaceae</i> . <i>Journal of Clinical Microbiology</i> , 2016, 54, 423-427.	1.8	27
16	Cluster of <i>Escherichia coli</i> Isolates Producing a Plasmid-Mediated OXA-48 β -Lactamase in a Spanish Hospital in 2012. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3414-3417.	1.8	23
17	Biosynthetic Modularity Rules in the Bisintercalator Family of Antitumor Compounds. <i>Marine Drugs</i> , 2014, 12, 2668-2699.	2.2	18
18	Multiplex detection of nine food-borne pathogens by mPCR and capillary electrophoresis after using a universal pre-enrichment medium. <i>Frontiers in Microbiology</i> , 2015, 6, 1194.	1.5	17

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19	Resistance and Endurance Exercise Training Induce Differential Changes in Gut Microbiota Composition in Murine Models. <i>Frontiers in Physiology</i> , 2021, 12, 748854.	1.3	15
20	A Novel Handheld Fluorimeter for Rapid Detection of <i>Escherichia coli</i> in Drinking Water. <i>IEEE Sensors Journal</i> , 2016, 16, 5136-5144.	2.4	12
21	Behaviour of citrus pectin and modified citrus pectin in an azoxymethane/dextran sodium sulfate (AOM/DSS)-induced rat colorectal carcinogenesis model. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 1349-1360.	3.6	12
22	Antitumor bioactivity and gut microbiota modulation of polyhydroxybutyrate (PHB) in a rat animal model for colorectal cancer. <i>International Journal of Biological Macromolecules</i> , 2022, 203, 638-649.	3.6	11
23	Concomitant and multiclonal dissemination of OXA-48-producing <i>Klebsiella pneumoniae</i> in a Spanish hospital. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 1734-1736.	1.3	10
24	Activation and Loading of the Starter Unit during Thiocoraline Biosynthesis. <i>Biochemistry</i> , 2017, 56, 4457-4467.	1.2	10
25	Development of a biosensor protein bullet as a fluorescent method for fast detection of <i>Escherichia coli</i> in drinking water. <i>PLoS ONE</i> , 2018, 13, e0184277.	1.1	10
26	Evaluation of OXA-48 K-Se T: an immunochromatographic assay for rapid detection of OXA-48-producing Enterobacteriaceae. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 85, 12-15.	0.8	7
27	Is physical performance (in mice) increased by <i>Veillonella atypica</i> or decreased by <i>Lactobacillus bulgaricus</i> ?. <i>Journal of Sport and Health Science</i> , 2020, 9, 197-200.	3.3	7
28	CTX-M-14 production by a clinical isolate of the European clone of <i>Salmonella enterica</i> 4,[5],12:i-. <i>Journal of Global Antimicrobial Resistance</i> , 2016, 7, 130-131.	0.9	3
29	Combined laser and ozone therapy for onychomycosis in an in vitro and ex vivo model. <i>PLoS ONE</i> , 2021, 16, e0253979.	1.1	3
30	Optical system for rapid detection of <i>Escherichia coli</i> in drinking water. , 2014, , .		1
31	The SCO2102 Protein Harboring a DnaA II Protein-Interaction Domain Is Essential for the SCO2103 Methylene tetrahydrofolate Reductase Positioning at <i>Streptomyces</i> Sporulating Hyphae, Enhancing DNA Replication during Sporulation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4984.	1.8	1