

Montserrat Llagostera

List of Publications by Year in descending order

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84
papers

2,991
citations

172207

29
h-index

174990

52
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89
all docs

89
docs citations

89
times ranked

3715
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploration into the origins and mobilization of di-hydrofolate reductase genes and the emergence of clinical resistance to trimethoprim. <i>Microbial Genomics</i> , 2020, 6, .	1.0	18
2	Global phylogeography and ancient evolution of the widespread human gut virus crAssphage. <i>Nature Microbiology</i> , 2019, 4, 1727-1736.	5.9	184
3	Biodistribution of Liposome-Encapsulated Bacteriophages and Their Transcytosis During Oral Phage Therapy. <i>Frontiers in Microbiology</i> , 2019, 10, 689.	1.5	44
4	Antibiotic protected silver nanoparticles for microbicidal cotton. <i>Tetrahedron</i> , 2019, 75, 102-108.	1.0	11
5	Nano/Micro Formulations for Bacteriophage Delivery. <i>Methods in Molecular Biology</i> , 2018, 1693, 271-283.	0.4	15
6	Microencapsulation with alginate/CaCO ₃ : A strategy for improved phage therapy. <i>Scientific Reports</i> , 2017, 7, 41441.	1.6	115
7	Genomics of Three New Bacteriophages Useful in the Biocontrol of Salmonella. <i>Frontiers in Microbiology</i> , 2016, 7, 545.	1.5	48
8	Liposome-Encapsulated Bacteriophages for Enhanced Oral Phage Therapy against Salmonella spp. <i>Applied and Environmental Microbiology</i> , 2015, 81, 4841-4849.	1.4	149
9	Remarkable diversity of Salmonella bacteriophages in swine and poultry. <i>FEMS Microbiology Letters</i> , 2015, 362, 1-7.	0.7	15
10	New rhenium complexes with ciprofloxacin as useful models for understanding the properties of [99mTc]-ciprofloxacin radiopharmaceutical. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3262-3269.	1.4	14
11	Phagomagnetic immunoassay for the rapid detection of Salmonella. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 1795-1805.	1.7	45
12	Authors'™ response: Recognition sequence for DNA uptake in Haemophilus parasuis. <i>Veterinary Microbiology</i> , 2014, 173, 397.	0.8	1
13	Significance of tagI and mfd genes in the virulence of non-typeable Haemophilus influenzae. <i>International Microbiology</i> , 2014, 17, 159-64.	1.1	1
14	Use of a bacteriophage cocktail to control Salmonella in food and the food industry. <i>International Journal of Food Microbiology</i> , 2013, 165, 169-174.	2.1	159
15	Phagomagnetic Separation and Electrochemical Magneto-Genosensing of Pathogenic Bacteria. <i>Analytical Chemistry</i> , 2013, 85, 3079-3086.	3.2	45
16	A Simple Technique Based on a Single Optical Trap for the Determination of Bacterial Swimming Pattern. <i>PLoS ONE</i> , 2013, 8, e61630.	1.1	14
17	Significance of the Bacteriophage Treatment Schedule in Reducing Salmonella Colonization of Poultry. <i>Applied and Environmental Microbiology</i> , 2012, 78, 6600-6607.	1.4	106
18	Inactivation of the gene encoding zinc-binding lipoprotein 103 impairs the infectivity of Streptococcus suis. <i>Canadian Journal of Veterinary Research</i> , 2012, 76, 72-6.	0.2	6

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19	Amifostine protection against induced DNA damage in γ -irradiated <i>Escherichia coli</i> cells depend on <i>recN</i> DNA repair gene product activity. <i>Environmental Toxicology</i> , 2010, 25, 130-136.	2.1	5
20	The cation-uptake regulators AdcR and Fur are necessary for full virulence of <i>Streptococcus suis</i> . <i>Veterinary Microbiology</i> , 2010, 144, 246-249.	0.8	39
21	Isolation and Characterization of Potentially Pathogenic Antimicrobial-Resistant <i>Escherichia coli</i> Strains from Chicken and Pig Farms in Spain. <i>Applied and Environmental Microbiology</i> , 2010, 76, 2799-2805.	1.4	207
22	Single DNA molecule detection in an optical trap using surface-enhanced Raman scattering. <i>Applied Physics Letters</i> , 2010, 96, 213701.	1.5	55
23	Protective capacities of cell surface-associated proteins of <i>Streptococcus suis</i> mutants deficient in divalent cation-uptake regulators. <i>Microbiology (United Kingdom)</i> , 2009, 155, 1580-1587.	0.7	25
24	Molecular epidemiology of <i>Escherichia coli</i> producing extended-spectrum β -lactamases in Lugo (Spain): dissemination of clone O25b:H4-ST131 producing CTX-M-15. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 63, 1135-1141.	1.3	122
25	Multiresistance in <i>Pasteurella multocida</i> Is Mediated by Coexistence of Small Plasmids. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 3399-3404.	1.4	101
26	Contribution of the FeoB transporter to <i>Streptococcus suis</i> virulence. <i>International Microbiology</i> , 2009, 12, 137-43.	1.1	41
27	<i>B. thuringiensis</i> is a Poor Colonist of Leaf Surfaces. <i>Microbial Ecology</i> , 2008, 55, 212-219.	1.4	28
28	Characterisation of plasmids encoding extended-spectrum β -lactamase and CMY-2 in <i>Escherichia coli</i> isolated from animal farms. <i>International Journal of Antimicrobial Agents</i> , 2008, 31, 76-78.	1.1	12
29	Dissemination of extended-spectrum β -lactamase-producing bacteria: the food-borne outbreak lesson. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 61, 1244-1251.	1.3	59
30	Analysis of the Protective Capacity of Three <i>Streptococcus suis</i> Proteins Induced under Divalent-Cation-Limited Conditions. <i>Infection and Immunity</i> , 2008, 76, 1590-1598.	1.0	42
31	Heterologous protective immunization elicited in mice by <i>Pasteurella multocida</i> fur ompH. <i>International Microbiology</i> , 2008, 11, 17-24.	1.1	7
32	Immigration of <i>Bacillus thuringiensis</i> to bean leaves from soil inoculum or distal plant parts. <i>Journal of Applied Microbiology</i> , 2007, 103, 2593-2600.	1.4	12
33	Non-viability of <i>Haemophilus parasuis</i> fur-defective mutants. <i>Veterinary Microbiology</i> , 2006, 118, 107-116.	0.8	3
34	ESBL- and plasmidic class C β -lactamase-producing <i>E. coli</i> strains isolated from poultry, pig and rabbit farms. <i>Veterinary Microbiology</i> , 2006, 118, 299-304.	0.8	133
35	Tannins from barks of <i>Pinus caribaea</i> protect <i>Escherichia coli</i> cells against DNA damage induced by γ -rays. <i>Fototerapia</i> , 2006, 77, 116-120.	1.1	19
36	Extended-spectrum β -lactamase-producing Enterobacteriaceae in different environments (humans, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	199

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37	Isolation and Sequencing of a Temperate Transducing Phage for <i>Pasteurella multocida</i> . <i>Applied and Environmental Microbiology</i> , 2006, 72, 3154-3160.	1.4	23
38	Usefulness of the SOS Chromotest in the study of medicinal plants as radioprotectors. <i>International Journal of Radiation Biology</i> , 2006, 82, 323-329.	1.0	15
39	Colonization capacity and serum bactericidal activity of <i>Haemophilus parasuis</i> thy mutants. <i>International Microbiology</i> , 2006, 9, 297-301.	1.1	7
40	The selection of resistance to and the mutagenicity of different fluoroquinolones in <i>Staphylococcus aureus</i> and <i>Streptococcus pneumoniae</i> . <i>Clinical Microbiology and Infection</i> , 2005, 11, 750-758.	2.8	24
41	Development of a genetic manipulation system for <i>Haemophilus parasuis</i> . <i>Veterinary Microbiology</i> , 2005, 105, 223-228.	0.8	41
42	<i>Pasteurella multocida</i> contains multiple immunogenic haemin- and haemoglobin-binding proteins. <i>Veterinary Microbiology</i> , 2004, 99, 103-112.	0.8	32
43	LexA-independent DNA damage-mediated induction of gene expression in <i>Myxococcus xanthus</i> . <i>Molecular Microbiology</i> , 2004, 49, 769-781.	1.2	45
44	Modulation of rat and human cytochromes P450 involved in PhIP and 4-ABP activation by an aqueous extract of <i>Phyllanthus orbicularis</i> . <i>Journal of Ethnopharmacology</i> , 2004, 90, 273-277.	2.0	9
45	The high-affinity zinc-uptake system <i>znuACB</i> is under control of the iron-uptake regulator (<i>fur</i>) gene in the animal pathogen <i>Pasteurella multocida</i> . <i>FEMS Microbiology Letters</i> , 2003, 221, 31-37.	0.7	49
46	<i>fur</i> -independent regulation of the <i>Pasteurella multocida</i> <i>hbpA</i> gene encoding a haemin-binding protein. <i>Microbiology (United Kingdom)</i> , 2003, 149, 2273-2281.	0.7	10
47	Characterization of the <i>Pasteurella multocida</i> <i>hgbA</i> Gene Encoding a Hemoglobin-Binding Protein. <i>Infection and Immunity</i> , 2002, 70, 5955-5964.	1.0	34
48	Assessment of the potential genotoxic risk of <i>Phyllanthus orbicularis</i> HBK aqueous extract using in vitro and in vivo assays. <i>Toxicology Letters</i> , 2002, 136, 87-96.	0.4	15
49	Antimutagenic mechanisms of <i>Phyllanthus orbicularis</i> when hydrogen peroxide is tested using <i>Salmonella</i> assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2002, 517, 251-254.	0.9	26
50	<i>Pasteurella multocida</i> <i>exbB</i> , <i>exbD</i> and <i>tonB</i> genes are physically linked but independently transcribed. <i>FEMS Microbiology Letters</i> , 2002, 210, 201-208.	0.7	39
51	A new regulatory DNA motif of the gamma subclass Proteobacteria: identification of the LexA protein binding site of the plant pathogen <i>Xylella fastidiosa</i> . <i>Microbiology (United Kingdom)</i> , 2002, 148, 3583-3597.	0.7	35
52	Studies on the antimutagenesis of <i>Phyllanthus orbicularis</i> : mechanisms involved against aromatic amines. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2001, 498, 99-105.	0.9	17
53	Molecular analysis at the <i>hisD3052</i> allele of <i>S. typhimurium</i> of mutations induced by aromatic amines, activated by mixed-function oxidases from plants. <i>Environmental and Molecular Mutagenesis</i> , 2001, 38, 80-82.	0.9	1
54	Virulence of <i>Pasteurella multocida</i> <i>recA</i> mutants. <i>Veterinary Microbiology</i> , 2001, 80, 53-61.	0.8	23

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55	Quinolone Resistance-Determining Regions of <i>gyrA</i> and <i>parC</i> in <i>Pasteurella multocida</i> Strains with Different Levels of Nalidixic Acid Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 990-991.	1.4	11
56	Plant activation of aromatic amines mediated by cytochromes P450 and flavin-containing monooxygenases. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2000, 470, 155-160.	0.9	8
57	Radioprotective effect of sodium diethyldithiocarbamate (DDC) and S-2-aminoethyl-isothioronicadenosin-5-triphosphate (adeturon) in 13 -irradiated <i>Escherichia coli</i> cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1998, 422, 339-345.	0.4	4
58	Activation of arylamines to mutagenic product(s) by two in vitro plant systems. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1997, 394, 45-51.	0.9	6
59	Construction and characterization of two <i>lexA</i> mutants of <i>Salmonella typhimurium</i> with different UV sensitivities and UV mutabilities. <i>Journal of Bacteriology</i> , 1996, 178, 2890-2896.	1.0	10
60	Identification of a <i>pKM101</i> region which confers a slow growth rate and interferes with susceptibility to quinolone in <i>Escherichia coli</i> AB1157. <i>Journal of Bacteriology</i> , 1996, 178, 5568-5572.	1.0	8
61	Efficiency of <i>MucAB</i> and <i>Escherichia coli</i> <i>UmuDC</i> proteins in quinolone and UV mutagenesis in <i>Salmonella typhimurium</i> : effect of <i>MucA</i> and <i>UmuD</i> processing. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1996, 349, 201-208.	0.4	4
62	Development and validation of alternative metabolic systems for mutagenicity testing in short-term assays. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1996, 353, 151-176.	0.4	61
63	Analysis of the ciprofloxacin-induced mutations in <i>Salmonella typhimurium</i> . , 1996, 27, 110-115.		9
64	Preclinical studies with new pyrrolidine platinum(II) compounds. <i>European Journal of Medicinal Chemistry</i> , 1995, 30, 497-501.	2.6	8
65	A plant metabolic activation system from <i>Persea americana</i> with cytochrome P450-dependent and peroxidase activities. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1995, 329, 11-18.	0.4	14
66	Activation of 4-nitro-o-phenylenediamine by the S2 fraction of <i>Zea mays</i> to mutagenic product(s). <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1994, 312, 25-31.	0.4	7
67	Induction of ribonucleoside diphosphate reductase gene transcription by chemicals in <i>Escherichia coli</i> . <i>Mutagenesis</i> , 1992, 7, 47-50.	1.0	14
68	Synthesis and activity studies in vitro and in vivo of a new series of malonato-platinum(II) complexes containing sulfide and phosphine ligands. <i>European Journal of Medicinal Chemistry</i> , 1992, 27, 611-614.	2.6	6
69	The role of the excision and error-prone repair systems in mutagenesis by fluorinated quinolones in <i>Salmonella typhimurium</i> . <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1992, 281, 207-213.	1.2	21
70	Isolation and characterization of a recombination defective-dependent bacteriophage of <i>Rhodobacter sphaeroides</i> . <i>Current Microbiology</i> , 1992, 24, 151-157.	1.0	3
71	Sulfide and phosphine ligands in carboplatin analogs. <i>European Journal of Medicinal Chemistry</i> , 1991, 26, 539-543.	2.6	6
72	Expression of <i>nrdA</i> and <i>nrdB</i> genes of <i>Escherichia coli</i> is decreased under anaerobiosis. <i>FEMS Microbiology Letters</i> , 1991, 83, 153-157.	0.7	9

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73	Role of the postreplication repair pathway in the repair of damaged DNA by cisplatin. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1990, 234, 428.	0.4	2
74	Genotoxicity of 4-quinolone antimicrobial agents. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1990, 234, 431.	0.4	1
75	Induction of SOS genes in Escherichia coli and mutagenesis in Salmonella typhimurium by fluoroquinolones. Mutagenesis, 1990, 5, 63-66.	1.0	128
76	Construction of a fusion between nrd operon and lacZ gene and its inducibility by chemicals. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1989, 216, 285.	0.4	0
77	Regulation of lac operon in lactose-utilizing mutants of Rhodobacter capsulatus. Current Microbiology, 1988, 16, 185-189.	1.0	2
78	Evaluation of recovery procedures of mutagens from raw and drinking water. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1988, 203, 240.	0.4	0
79	Regulation of ubiG gene expression in Escherichia coli. Journal of Bacteriology, 1988, 170, 1346-1349.	1.0	30
80	Influence of S9 mix in the induction of SOS system by quercetin. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1987, 191, 1-4.	1.2	11
81	Effect of the alkylating agents on the expression of inducible genes of Escherichia coli. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1987, 181, 340.	0.4	0
82	Induction of SOS genes of Escherichia coli by chromium compounds. Environmental Mutagenesis, 1986, 8, 571-577.	1.4	48
83	Expression of the SOS system in Escherichia coli growing under nitrate respiration conditions. Antonie Van Leeuwenhoek, 1986, 52, 63-74.	0.7	1
84	Isolation of the replication region of an indigenous plasmid of Rhodobacter sphaeroides. FEMS Microbiology Letters, 1986, 37, 35-38.	0.7	3