Daniela Erica Ghisotti

List of Publications by Year
in descending order

41 papers	1,501 citations	361045 20 h-index	329751 37 g-index
41 all docs	41 docs citations	41 times ranked	1655 citing authors

#	Article	IF	Citations
1	Design of a Broad-Range Bacteriophage Cocktail That Reduces Pseudomonas aeruginosa Biofilms and Treats Acute Infections in Two Animal Models. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	166
2	Phage therapy against Pseudomonas aeruginosa infections in a cystic fibrosis zebrafish model. Scientific Reports, 2019, 9, 1527.	1.6	97
3	Transcriptional and post-transcriptional control of polynucleotide phosphorylase during cold acclimation in Escherichia coli. Molecular Microbiology, 2002, 36, 1470-1480.	1.2	79
4	The Plasmid Status of Satellite Bacteriophage P4. Plasmid, 2001, 45, 1-17.	0.4	77
5	Pristinamycin-inducible gene regulation in mycobacteria. Journal of Biotechnology, 2009, 140, 270-277.	1.9	72
6	Genome-Wide Discovery of Small RNAs in Mycobacterium tuberculosis. PLoS ONE, 2012, 7, e51950.	1.1	70
7	DNA sequence of satellite bacteriophage P4. Nucleic Acids Research, 1990, 18, 1649-1649.	6.5	68
8	Transcriptional Regulation of furA and katG upon Oxidative Stress in Mycobacterium smegmatis. Journal of Bacteriology, 2001, 183, 6801-6806.	1.0	67
9	Mycobacterium smegmatis RNase J is a 5â€²â€³3â€² exoâ€/endoribonuclease and both RNase J and RNase E are involved in ribosomal RNA maturation. Molecular Microbiology, 2011, 82, 1260-1276.	1.2	63
10	Bacteriophage P4 immunity controlled by small RNAs via transcription termination. Molecular Microbiology, 1992, 6, 3415-3425.	1.2	62
11	Mycobacterium tuberculosis FurA Autoregulates Its Own Expression. Journal of Bacteriology, 2003, 185, 5357-5362.	1.0	61
12	Genetic analysis of the immunity region of phage-plasmid P4. Molecular Microbiology, 1992, 6, 3405-3413.	1.2	55
13	WhiB5, a Transcriptional Regulator That Contributes to Mycobacterium tuberculosis Virulence and Reactivation. Infection and Immunity, 2012, 80, 3132-3144.	1.0	54
14	Two Faces of CwlM, an Essential PknB Substrate, in Mycobacterium tuberculosis. Cell Reports, 2018, 25, 57-67.e5.	2.9	52
15	Mycobacterium tuberculosis RNA Polymerase-binding Protein A (RbpA) and Its Interactions with Sigma Factors. Journal of Biological Chemistry, 2013, 288, 14438-14450.	1.6	44
16	Immunity Determinant of Phage-plasmid P4 is a Short Processed RNA. Journal of Molecular Biology, 1995, 249, 869-878.	2.0	32
17	A mutation in polynucleotide phosphorylase from Escherichia coli impairing RNA binding and degradosome stability. Nucleic Acids Research, 2004, 32, 1006-1017.	6.5	32
18	Immobilized Biocatalysts for the Production of Nucleosides and Nucleoside Analogues by Enzymatic Transglycosylation Reactions. Biocatalysis and Biotransformation, 2004, 22, 25-33.	1.1	30

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19	Plasmid mode of propagation of the genetic element P4. Journal of Molecular Biology, 1984, 178, 191-207.	2.0	29
20	Expression of phage P4 integrase is regulated negatively by both Int and Vis. Journal of General Virology, 2006, 87, 2423-2431.	1.3	25
21	Isolation of conditional expression mutants in Mycobacterium tuberculosis by transposon mutagenesis. Tuberculosis, 2011, 91, 569-578.	0.8	25
22	The katG mRNA of Mycobacterium tuberculosis and Mycobacterium smegmatis is processed at its 5' end and is stabilized by both a polypurine sequence and translation initiation. BMC Molecular Biology, 2008, 9, 33.	3.0	22
23	The external PASTA domain of the essential serine/threonine protein kinase PknB regulates mycobacterial growth. Open Biology, 2015, 5, 150025.	1.5	22
24	A Rho-Dependent Transcription Termination Site Regulated by Bacteriophage P4 RNA Immunity Factor. Virology, 1996, 223, 57-67.	1.1	21
25	Bacteriophage P4 Vis protein is needed for prophage excision. Virology, 2004, 322, 82-92.	1.1	21
26	Identification of a Phage-coded DNA-binding Protein that Regulates Transcription from Late Promoters in Bacteriophage P4. Journal of Molecular Biology, 1996, 257, 745-755.	2.0	19
27	Antisense RNA-dependent transcription termination sites that modulate lysogenic development of satellite phage P4. Molecular Microbiology, 2000, 36, 1124-1134.	1.2	19
28	Translation of Two Nested Genes in Bacteriophage P4 Controls Immunity-Specific Transcription Termination. Journal of Bacteriology, 1999, 181, 5225-5233.	1.0	17
29	Multiple regulatory mechanisms controlling phage-plasmid P4 propagation. FEMS Microbiology Reviews, 1995, 17, 127-134.	3.9	16
30	RNase E and Polyadenyl Polymerase I are Involved in Maturation of CI RNA, the P4 Phage Immunity Factor. Journal of Molecular Biology, 2002, 318, 321-331.	2.0	16
31	Immunity Specificity Determinants in the P4-like Retronphage Ï†R73. Virology, 1996, 216, 389-396.	1.1	13
32	X-Ray sensitivity of Escherichia coli lysogenic for bacteriophage P2. Molecular Genetics and Genomics, 1979, 169, 229-235.	2.4	10
33	Characterization of the small antisense CI RNA that regulates bacteriophage P4 immunity 1 1Edited by M. Gottesman. Journal of Molecular Biology, 2002, 315, 541-549.	2.0	9
34	Characterization of Escherichia coli Uridine Phosphorylase by Single-Site Mutagenesis. Journal of Biochemistry, 2004, 135, 495-499.	0.9	9
35	Characterization of the oriI and oriII Origins of Replication in Phage-Plasmid P4. Journal of Virology, 1999, 73, 7308-7316.	1.5	9
36	Identification of Two Replicons in Phage-Plasmid P4. Virology, 1998, 245, 344-352.	1.1	7

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37	Mutagenesis of Escherichia coli uridine phosphorylase by random pentapeptide insertions. Enzyme and Microbial Technology, 2004, 35, 309-314.	1.6	4
38	Evidence of cell fragility caused by gene kil following Î» induction. Virology, 1983, 128, 166-175.	1.1	3
39	P4 PHAGE (SATELLITES). , 1999, , 1094-1104.		2
40	DNA replication in phage P4: Characterization of replicon II. Plasmid, 2006, 56, 216-222.	0.4	2
41	Bacteriophage P4 sut1: a mutation suppressing transcription termination. Journal of General Virology, 2007, 88, 1041-1047.	1.3	0