Eliora Z Ron

List of Publications by Year
in descending order

55 papers	2,532 citations	279778 23 h-index	197805 49 g-index
57 all docs	57 docs citations	57 times ranked	3130 citing authors

#	Article	IF	Citations
1	Cellular RNA Targets of Cold Shock Proteins CspC and CspE and Their Importance for Serum Resistance in Septicemic Escherichia coli. MSystems, 2022, 7, .	3.8	11
2	Harnessing Machine Learning To Unravel Protein Degradation in Escherichia coli. MSystems, 2021, 6, .	3.8	18
3	Surviving Serum: the Escherichia coli iss Gene of Extraintestinal Pathogenic E. coli Is Required for the Synthesis of Group 4 Capsule. Infection and Immunity, 2021, 89, e0031621.	2.2	9
4	OUP accepted manuscript. FEMS Microbiology Letters, 2021, 368, .	1.8	0
5	Escherichia coli O-antigen capsule (group 4) is essential for serum resistance. Research in Microbiology, 2020, 171, 99-101.	2.1	9
6	Development of vaccines at the time of COVID-19. MicroLife, 2020, 1, uqaa003.	2.1	4
7	The urgent need for microbiology literacy in society. Environmental Microbiology, 2019, 21, 1513-1528.	3.8	99
8	Gene expression in Pseudomonas aeruginosa exposed to hydroxyl-radicals. Chemosphere, 2018, 199, 243-250.	8.2	11
9	Microbial Degradation of Epoxy. Materials, 2018, 11, 2123.	2.9	19
10	Coping with High Temperature: A Unique Regulation in A. tumefaciens. Current Topics in Microbiology and Immunology, 2018, 418, 185-194.	1.1	3
11	Extraintestinal Pathogenic Escherichia coli. Current Topics in Microbiology and Immunology, 2018, 416, 149-161.	1.1	23
12	The Escherichia coli Type III Secretion System 2 Has a Global Effect on Cell Surface. MBio, 2018, 9, .	4.1	27
13	Proteomics of septicemic Escherichia coli. Proteomics - Clinical Applications, 2016, 10, 1020-1024.	1.6	1
14	Specialized Bioactive Microbial Metabolites: From Gene to Product. BioMed Research International, 2015, 2015, 1-2.	1.9	10
15	Antibacterial Discovery and Development: From Gene to Product and Back. BioMed Research International, 2015, 2015, 1-16.	1.9	30
16	Genomic Avenue to Avian Colisepticemia. MBio, 2015, 6, .	4.1	59
17	Fur Is the Master Regulator of the Extraintestinal Pathogenic Escherichia coli Response to Serum. MBio, 2014, 5, .	4.1	31
18	Enhanced bioremediation of oil spills in the sea. Current Opinion in Biotechnology, 2014, 27, 191-194.	6.6	232

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19	Novel Interaction between the Major Bacterial Heat Shock Chaperone (GroESL) and an RNA Chaperone (CspC). Journal of Molecular Biology, 2014, 426, 460-466.	4.2	14
20	Transfer of noncoding DNA drives regulatory rewiring in bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16112-16117.	7.1	59
21	Distribution and evolution of virulence factors in septicemic Escherichia coli. International Journal of Medical Microbiology, 2010, 300, 367-370.	3.6	46
22	Electrochemical Cell-Based Sensors. , 2009, 117, 77-84.		5
23	Molecular tools in rhizosphere microbiologyâ€"from single-cell to whole-community analysis. Plant and Soil, 2009, 321, 483-512.	3.7	85
24	FEMS â€“ Federation of European Microbiological Societies: past, present and future. Research in Microbiology, 2008, 159, 49-50.	2.1	0
25	Biosensing environmental pollution. Current Opinion in Biotechnology, 2007, 18, 252-256.	6.6	93
26	Petroleum Bioremediation in Seawater Using Guano as the Fertilizer. Bioremediation Journal, 2006, 10, 83-91.	2.0	28
27	Host specificity of septicemic Escherichia coli: human and avian pathogens. Current Opinion in Microbiology, 2006, 9, 28-32.	5.1	105
28	Virulence patterns from septicemic Escherichia coli O78 strains. FEMS Microbiology Letters, 2006, 149, 99-105.	1.8	36
29	Multilocus sequence typing (MLST) ofEscherichia coliO78 strains. FEMS Microbiology Letters, 2003, 222, 199-203.	1.8	49
30	Biosurfactants and oil bioremediation. Current Opinion in Biotechnology, 2002, 13, 249-252.	6.6	499
31	Role of fibronectin in curli-mediated internalization. FEMS Microbiology Letters, 2002, 212, 55-58.	1.8	1
32	The 60-kDa Heat Shock Protein (HSP60) of the Sea Anemone Anemonia viridis: A Potential Early Warning System for Environmental Changes. Marine Biotechnology, 2001, 3, 501-508.	2.4	45
33	Emulsifying Activities of Purified Alasan Proteins from Acinetobacter radioresistens KA53. Applied and Environmental Microbiology, 2001, 67, 1102-1106.	3.1	126
34	Online and in situ monitoring of environmental pollutants: electrochemical biosensing of cadmium. Environmental Microbiology, 2000, 2, 285-290.	3.8	104
35	Effect of the adhesive antibiotic TA on adhesion and initial growth of E. coli on silicone rubber. FEMS Microbiology Letters, 2000, 192, 97-100.	1.8	18
36	Effect of the adhesive antibiotic TA on adhesion and initial growth of E. coli on silicone rubber. FEMS Microbiology Letters, 2000, 192, 97-100.	1.8	1

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37	A NusG-like transcription anti-terminator is involved in the biosynthesis of the polyketide antibiotic TA of Myxococcus xanthus. FEMS Microbiology Letters, 1999, 170, 221-227.	1.8	1
38	Genetic and functional analysis of genes required for the post-modification of the polyketide antibiotic TA of Myxococcus xanthus The EMBL accession number for the sequence reported in this paper is AJ132503.. Microbiology (United Kingdom), 1999, 145, 3059-3067.	1.8	29
39	Regulation of Heat-Shock Response in Bacteria. Annals of the New York Academy of Sciences, 1998, 851, 147-151.	3.8	83
40	Molecular analysis of the DNA gyrB gene from Myxococcus xanthus. Microbiology (United Kingdom), 1998, 144, 1641-1647.	1.8	10
41	An Escherichia coli gene responsive to heavy metals. FEMS Microbiology Letters, 1998, 167, 107-111.	1.8	2
42	Cadmium binding by bacteria: screening and characterization of new isolates and mutants. FEMS Microbiology Letters, 1996, 135, 191-194.	1.8	7
43	Regulation and organization of thegroEanddnaKoperons in Eubacteria. FEMS Microbiology Letters, 1996, 138, 1-10.	1.8	143
44	Regulation and organization of the groE and dnaK operons in Eubacteria. FEMS Microbiology Letters, 1996, 138, 1-10.	1.8	6
45	ppGpp-mediated regulation of DNA replication and cell division in Escherichia coli. Current Microbiology, 1995, 30, 27-32.	2.2	116
46	BIOTREATMENT OF PETROLEUM CONTAMINATION IN OPEN SYSTEMS. International Oil Spill Conference Proceedings, 1995, 1995, 891-892.	0.1	0
47	Azide-resistant mutants in Acinetobacter calcoaceticus A2 are defective in protein secretion. FEMS Microbiology Letters, 1994, 116, 221-224.	1.8	2
48	Interactions of bacteria with cadmium. Biodegradation, 1992, 3, 161-170.	3.0	30
49	Petroleum bioremediation ? a multiphase problem. Biodegradation, 1992, 3, 337-350.	3.0	133
50	Two new cell division mutants in Escherichia coli map near the terminus of chromosome replication. Molecular Genetics and Genomics, 1984, 193, 379-381.	2.4	8
51	Construction and physical mapping of plasmids containing the MetA gene of Escherichia coli K-12. Molecular Genetics and Genomics, 1981, 182, 349-354.	2.4	19
52	Preferential Charging of tRNAMetf in Escherichia coli K12. FEBS Journal, 1978, 92, 389-395.	0.2	2
53	Polysomes inEscherichia coliduring amino acid starvation: Structural change observed by electron microscopy. FEBS Letters, 1975, 56, 108-110.	2.8	9
54	Polysomes fromEscherichia coli: Estimation by peptidyl-puromycin synthesis. FEBS Letters, 1975, 52, 25-29.	2.8	6

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55	Membrane-bound DNA from Escherichia coli : Extraction by freeze-thaw-lysozyme. FEBS Letters, 1975, 54, 327-329.	2.8	15