

# Eliora Z Ron

## List of Publications by Year in descending order

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51  
papers

2,532  
citations

318942

23  
h-index

263392

45  
g-index

57  
all docs

57  
docs citations

57  
times ranked

3446  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular RNA Targets of Cold Shock Proteins CspC and CspE and Their Importance for Serum Resistance in Septicemic <i>Escherichia coli</i> . <i>MSystems</i> , 2022, 7, .	1.7	11
2	Harnessing Machine Learning To Unravel Protein Degradation in <i>Escherichia coli</i> . <i>MSystems</i> , 2021, 6, .	1.7	18
3	Surviving Serum: the <i>Escherichia coli</i> <i>iss</i> Gene of Extraintestinal Pathogenic <i>E. coli</i> Is Required for the Synthesis of Group 4 Capsule. <i>Infection and Immunity</i> , 2021, 89, e0031621.	1.0	9
4	OUP accepted manuscript. <i>FEMS Microbiology Letters</i> , 2021, 368, .	0.7	0
5	<i>Escherichia coli</i> O-antigen capsule (group 4) is essential for serum resistance. <i>Research in Microbiology</i> , 2020, 171, 99-101.	1.0	9
6	Development of vaccines at the time of COVID-19. <i>MicroLife</i> , 2020, 1, uqaa003.	1.0	4
7	The urgent need for microbiology literacy in society. <i>Environmental Microbiology</i> , 2019, 21, 1513-1528.	1.8	99
8	Gene expression in <i>Pseudomonas aeruginosa</i> exposed to hydroxyl-radicals. <i>Chemosphere</i> , 2018, 199, 243-250.	4.2	11
9	Microbial Degradation of Epoxy. <i>Materials</i> , 2018, 11, 2123.	1.3	19
10	Coping with High Temperature: A Unique Regulation in <i>A. tumefaciens</i> . <i>Current Topics in Microbiology and Immunology</i> , 2018, 418, 185-194.	0.7	3
11	Extraintestinal Pathogenic <i>Escherichia coli</i> . <i>Current Topics in Microbiology and Immunology</i> , 2018, 416, 149-161.	0.7	23
12	The <i>Escherichia coli</i> Type III Secretion System 2 Has a Global Effect on Cell Surface. <i>MBio</i> , 2018, 9, .	1.8	27
13	Proteomics of septicemic <i>Escherichia coli</i> . <i>Proteomics - Clinical Applications</i> , 2016, 10, 1020-1024.	0.8	1
14	Specialized Bioactive Microbial Metabolites: From Gene to Product. <i>BioMed Research International</i> , 2015, 2015, 1-2.	0.9	10
15	Antibacterial Discovery and Development: From Gene to Product and Back. <i>BioMed Research International</i> , 2015, 2015, 1-16.	0.9	30
16	Genomic Avenue to Avian Colisepticemia. <i>MBio</i> , 2015, 6, .	1.8	59
17	Fur Is the Master Regulator of the Extraintestinal Pathogenic <i>Escherichia coli</i> Response to Serum. <i>MBio</i> , 2014, 5, .	1.8	31
18	Enhanced bioremediation of oil spills in the sea. <i>Current Opinion in Biotechnology</i> , 2014, 27, 191-194.	3.3	232

#	ARTICLE	IF	CITATIONS
19	Novel Interaction between the Major Bacterial Heat Shock Chaperone (GroESL) and an RNA Chaperone (CspC). <i>Journal of Molecular Biology</i> , 2014, 426, 460-466.	2.0	14
20	Transfer of noncoding DNA drives regulatory rewiring in bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16112-16117.	3.3	59
21	Distribution and evolution of virulence factors in septicemic <i>Escherichia coli</i> . <i>International Journal of Medical Microbiology</i> , 2010, 300, 367-370.	1.5	46
22	Electrochemical Cell-Based Sensors. , 2009, 117, 77-84.		5
23	Molecular tools in rhizosphere microbiologyâ€”from single-cell to whole-community analysis. <i>Plant and Soil</i> , 2009, 321, 483-512.	1.8	85
24	FEMS â€” Federation of European Microbiological Societies: past, present and future. <i>Research in Microbiology</i> , 2008, 159, 49-50.	1.0	0
25	Biosensing environmental pollution. <i>Current Opinion in Biotechnology</i> , 2007, 18, 252-256.	3.3	93
26	Petroleum Bioremediation in Seawater Using Guano as the Fertilizer. <i>Bioremediation Journal</i> , 2006, 10, 83-91.	1.0	28
27	Host specificity of septicemic <i>Escherichia coli</i> : human and avian pathogens. <i>Current Opinion in Microbiology</i> , 2006, 9, 28-32.	2.3	105
28	Virulence patterns from septicemic <i>Escherichia coli</i> O78 strains. <i>FEMS Microbiology Letters</i> , 2006, 149, 99-105.	0.7	36
29	Multilocus sequence typing (MLST) of <i>Escherichia coli</i> O78 strains. <i>FEMS Microbiology Letters</i> , 2003, 222, 199-203.	0.7	49
30	Biosurfactants and oil bioremediation. <i>Current Opinion in Biotechnology</i> , 2002, 13, 249-252.	3.3	499
31	The 60-kDa Heat Shock Protein (HSP60) of the Sea Anemone <i>Anemonia viridis</i> : A Potential Early Warning System for Environmental Changes. <i>Marine Biotechnology</i> , 2001, 3, 501-508.	1.1	45
32	Emulsifying Activities of Purified Alasin Proteins from <i>Acinetobacter radioresistens</i> KA53. <i>Applied and Environmental Microbiology</i> , 2001, 67, 1102-1106.	1.4	126
33	Online and in situ monitoring of environmental pollutants: electrochemical biosensing of cadmium. <i>Environmental Microbiology</i> , 2000, 2, 285-290.	1.8	104
34	Effect of the adhesive antibiotic TA on adhesion and initial growth of <i>E. coli</i> on silicone rubber. <i>FEMS Microbiology Letters</i> , 2000, 192, 97-100.	0.7	18
35	Genetic and functional analysis of genes required for the post-modification of the polyketide antibiotic TA of <i>Myxococcus xanthus</i> The EMBL accession number for the sequence reported in this paper is AJ132503.. <i>Microbiology (United Kingdom)</i> , 1999, 145, 3059-3067.	0.7	29
36	Regulation of Heat-Shock Response in Bacteria. <i>Annals of the New York Academy of Sciences</i> , 1998, 851, 147-151.	1.8	83

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37	Molecular analysis of the DNA gyrB gene from Myxococcus xanthus. Microbiology (United Kingdom), 1998, 144, 1641-1647.	0.7	10
38	Cadmium binding by bacteria: screening and characterization of new isolates and mutants. FEMS Microbiology Letters, 1996, 135, 191-194.	0.7	7
39	Regulation and organization of the groE and dnaK operons in Eubacteria. FEMS Microbiology Letters, 1996, 138, 1-10.	0.7	143
40	ppGpp-mediated regulation of DNA replication and cell division in Escherichia coli. Current Microbiology, 1995, 30, 27-32.	1.0	116
41	BIOTREATMENT OF PETROLEUM CONTAMINATION IN OPEN SYSTEMS. International Oil Spill Conference Proceedings, 1995, 1995, 891-892.	0.1	0
42	Interactions of bacteria with cadmium. Biodegradation, 1992, 3, 161-170.	1.5	30
43	Petroleum bioremediation ? a multiphase problem. Biodegradation, 1992, 3, 337-350.	1.5	133
44	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
45	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
46	Preferential Charging of tRNA <sup>Met</sup> in Escherichia coli K12. FEBS Journal, 1978, 92, 389-395.	0.2	2
47	Polysomes in Escherichia coli during amino acid starvation: Structural change observed by electron microscopy. FEBS Letters, 1975, 56, 108-110.	1.3	9
48	Polysomes from Escherichia coli: Estimation by peptidyl-puromycin synthesis. FEBS Letters, 1975, 52, 25-29.	1.3	6
49	Membrane-bound DNA from Escherichia coli : Extraction by freeze-thaw-lysozyme. FEBS Letters, 1975, 54, 327-329.	1.3	15
50	An Escherichia coli gene responsive to heavy metals. , 0, .		2
51	A NusG-like transcription anti-terminator is involved in the biosynthesis of the polyketide antibiotic TA of Myxococcus xanthus. , 0, .		1