

Lejla Imamovic

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7977042/publications.pdf>

Version: 2024-02-01

20
papers

1,364
citations

471371

17
h-index

752573

20
g-index

22
all docs

22
docs citations

22
times ranked

2067
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of Collateral Sensitivity Networks to Design Drug Cycling Protocols That Avoid Resistance Development. <i>Science Translational Medicine</i> , 2013, 5, 204ra132.	5.8	368
2	Bacteriophages Carrying Antibiotic Resistance Genes in Fecal Waste from Cattle, Pigs, and Poultry. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4908-4911.	1.4	136
3	Drug-Driven Phenotypic Convergence Supports Rational Treatment Strategies of Chronic Infections. <i>Cell</i> , 2018, 172, 121-134.e14.	13.5	131
4	Forecasting the dissemination of antibiotic resistance genes across bacterial genomes. <i>Nature Communications</i> , 2021, 12, 2435.	5.8	111
5	Characterizing RecA-Independent Induction of Shiga toxin2-Encoding Phages by EDTA Treatment. <i>PLoS ONE</i> , 2012, 7, e32393.	1.1	87
6	Rapid resistome mapping using nanopore sequencing. <i>Nucleic Acids Research</i> , 2017, 45, gkw1328.	6.5	62
7	Quantification of Shiga Toxin-Converting Bacteriophages in Wastewater and in Fecal Samples by Real-Time Quantitative PCR. <i>Applied and Environmental Microbiology</i> , 2010, 76, 5693-5701.	1.4	58
8	Mining, analyzing, and integrating viral signals from metagenomic data. <i>Microbiome</i> , 2019, 7, 42.	4.9	58
9	The Environmental Exposures and Inner- and Intercity Traffic Flows of the Metro System May Contribute to the Skin Microbiome and Resistome. <i>Cell Reports</i> , 2018, 24, 1190-1202.e5.	2.9	56
10	Phage-Mediated Shiga Toxin 2 Gene Transfer in Food and Water. <i>Applied and Environmental Microbiology</i> , 2009, 75, 1764-1768.	1.4	55
11	Bacteriophages and genetic mobilization in sewage and faecally polluted environments. <i>Microbial Biotechnology</i> , 2011, 4, 725-734.	2.0	40
12	OI-57, a Genomic Island of <i>Escherichia coli</i> O157, Is Present in Other Seropathotypes of Shiga Toxin-Producing <i>E. coli</i> Associated with Severe Human Disease. <i>Infection and Immunity</i> , 2010, 78, 4697-4704.	1.0	35
13	Bluephage: A rapid method for the detection of somatic coliphages used as indicators of fecal pollution in water. <i>Water Research</i> , 2018, 128, 10-19.	5.3	29
14	Quantification and Evaluation of Infectivity of Shiga Toxin-Encoding Bacteriophages in Beef and Salad. <i>Applied and Environmental Microbiology</i> , 2011, 77, 3536-3540.	1.4	28
15	Heterogeneity in phage induction enables the survival of the lysogenic population. <i>Environmental Microbiology</i> , 2016, 18, 957-969.	1.8	28
16	Quantification of Shiga toxin encoding bacteriophages, by real-time PCR and correlation with phage infectivity. <i>Journal of Applied Microbiology</i> , 2010, 108, 1105-1114.	1.4	24
17	Expansion and persistence of antibiotic-specific resistance genes following antibiotic treatment. <i>Gut Microbes</i> , 2021, 13, 1-19.	4.3	24
18	Evolution of a Self-Inducible Cytolethal Distending Toxin Type V-Encoding Bacteriophage from <i>Escherichia coli</i> O157:H7 to <i>Shigella sonnei</i> . <i>Journal of Virology</i> , 2013, 87, 13665-13675.	1.5	18

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19	Complete Genome Sequence of <i>Escherichia coli</i> Strain WG5. <i>Genome Announcements</i> , 2018, 6, .	0.8	10
20	BaeSR, Involved in Envelope Stress Response, Protects against Lysogenic Conversion by Shiga Toxin 2-Encoding Phages. <i>Infection and Immunity</i> , 2015, 83, 1451-1457.	1.0	4