

# Aviram Rasouly

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12078227/publications.pdf>

Version: 2024-02-01

14  
papers

432  
citations

1040056

9  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

690  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rates and mechanisms of bacterial mutagenesis from maximum-depth sequencing. <i>Nature</i> , 2016, 534, 693-696.	27.8	118
2	Structure of RNA polymerase bound to ribosomal 30S subunit. <i>ELife</i> , 2017, 6, .	6.0	87
3	YbeY, a Heat Shock Protein Involved in Translation in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2009, 191, 2649-2655.	2.2	42
4	The Heat Shock Protein YbeY Is Required for Optimal Activity of the 30S Ribosomal Subunit. <i>Journal of Bacteriology</i> , 2010, 192, 4592-4596.	2.2	30
5	Adaptation of <i>Escherichia coli</i> to elevated temperatures involves a change in stability of heat shock gene transcripts. <i>Environmental Microbiology</i> , 2009, 11, 2989-2997.	3.8	29
6	A Magic Spot in Genome Maintenance. <i>Trends in Genetics</i> , 2017, 33, 58-67.	6.7	24
7	Interplay between the heat shock response and translation in <i>Escherichia coli</i> . <i>Research in Microbiology</i> , 2009, 160, 288-296.	2.1	23
8	Transcription factor YcjW controls the emergency H <sub>2</sub> S production in <i>E. coli</i> . <i>Nature Communications</i> , 2019, 10, 2868.	12.8	22
9	Analysing the fitness cost of antibiotic resistance to identify targets for combination antimicrobials. <i>Nature Microbiology</i> , 2021, 6, 1410-1423.	13.3	16
10	Reactive oxygen species as the long arm of bactericidal antibiotics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9696-9698.	7.1	12
11	Temperature-dependent proteolysis as a control element in <i>Escherichia coli</i> metabolism. <i>Research in Microbiology</i> , 2009, 160, 684-686.	2.1	9
12	Antibiotic killing through oxidized nucleotides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1967-1969.	7.1	9
13	Thermoregulation of <i>Escherichia coli</i> hchA Transcript Stability. <i>Journal of Bacteriology</i> , 2007, 189, 5779-5781.	2.2	8
14	The very hungry bactericidal antibiotics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	3