

# Irene S Gabashvili

## List of Publications by Year in descending order

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18  
papers

1,222  
citations

840776

11  
h-index

940533

16  
g-index

25  
all docs

25  
docs citations

25  
times ranked

918  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solution Structure of the E. coli 70S Ribosome at 11.5 Å... Resolution. Cell, 2000, 100, 537-549.	28.9	401
2	Escherichia coli 70 S ribosome at 15 Å... resolution by cryo-electron microscopy: localization of fmet-tRNA <sup>fMet</sup> and fitting of L1 protein. Journal of Molecular Biology, 1998, 280, 103-116.	4.2	189
3	The Polypeptide Tunnel System in the Ribosome and Its Gating in Erythromycin Resistance Mutants of L4 and L22. Molecular Cell, 2001, 8, 181-188.	9.7	187
4	Movement of the Decoding Region of the 16S Ribosomal RNA Accompanies tRNA Translocation. Journal of Molecular Biology, 2000, 304, 507-515.	4.2	94
5	Major rearrangements in the 70S ribosomal 3D structure caused by a conformational switch in 16S ribosomal RNA. EMBO Journal, 1999, 18, 6501-6507.	7.8	78
6	Structure and structural variations of the Escherichia coli 30 S ribosomal subunit as revealed by three-dimensional cryo-electron microscopy 1 Edited by W. Baumeister. Journal of Molecular Biology, 1999, 286, 1285-1291.	4.2	59
7	Ion Channel Gene Expression in the Inner Ear. JARO - Journal of the Association for Research in Otolaryngology, 2007, 8, 305-328.	1.8	56
8	Dynamics of Double Stranded DNA Reptation From Bacteriophage. Journal of Biomolecular Structure and Dynamics, 1992, 9, 911-920.	3.5	46
9	Mining biochemical information: Lessons taught by the ribosome. Rna, 2002, 8, 279-289.	3.5	25
10	?Dumb? versus ?smart? kinetochore models for chromosome congression during mitosis in vertebrate somatic cells. Cytoskeleton, 1999, 43, 179-185.	4.4	24
11	Ribosomal dynamics inferred from variations in experimental measurements. Rna, 2003, 9, 1301-1307.	3.5	15
12	Polymorphism of bacteriophage T7 1 Edited by M. Yanagida. Journal of Molecular Biology, 1997, 273, 658-667.	4.2	12
13	Qualitative models of molecular function: linking genetic polymorphisms of tRNA to their functional sequelae. Proceedings of the IEEE, 2002, 90, 1875-1886.	21.3	10
14	Cutaneous Bacteria in the Gut Microbiome as Biomarkers of Systemic Malodor and People Are Allergic to Me (PATM) Conditions: Insights From a Virtually Conducted Clinical Trial. JMIR Dermatology, 2020, 3, e10508.	0.7	6
15	â€œDumbâ€•versus â€œsmartâ€•kinetochore models for chromosome congression during mitosis in vertebrate somatic cells. Cytoskeleton, 1999, 43, 179-185.	4.4	2
16	Qualitative Knowledge Models in Functional Genomics and Proteomics. , 0, , 1-23.		1
17	Differential Gene Expression in the Auditory System. Lecture Notes in Computer Science, 2005, , 1-8.	1.3	1
18	EST-Based Analysis of Gene Expression in the Human Cochea. , 2005, 2005, .		0