

Gouzel Karimova

List of Publications by Year in descending order

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28
papers

3,061
citations

361413

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477307

29
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29
all docs

29
docs citations

29
times ranked

3315
citing authors

#	ARTICLE	IF	CITATIONS
1	A bacterial two-hybrid system based on a reconstituted signal transduction pathway. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 5752-5756.	7.1	1,418
2	Interaction Network among Escherichia coli Membrane Proteins Involved in Cell Division as Revealed by Bacterial Two-Hybrid Analysis. Journal of Bacteriology, 2005, 187, 2233-2243.	2.2	430
3	GraXSR Proteins Interact with the VraFG ABC Transporter To Form a Five-Component System Required for Cationic Antimicrobial Peptide Sensing and Resistance in Staphylococcus aureus. Antimicrobial Agents and Chemotherapy, 2012, 56, 1047-1058.	3.2	153
4	[5] A bacterial two-hybrid system that exploits a cAMP signaling cascade in Escherichia coli. Methods in Enzymology, 2000, 328, 59-73.	1.0	134
5	<i>Chlamydia</i> co-opts the rod shape-determining proteins MreB and Pbp2 for cell division. Molecular Microbiology, 2012, 85, 164-178.	2.5	95
6	Insights into the structure and assembly of a bacterial cellulose secretion system. Nature Communications, 2017, 8, 2065.	12.8	90
7	Large-scale study of the interactions between proteins involved in type IV pilus biology in <i>Neisseria meningitidis</i>: characterization of a subcomplex involved in pilus assembly. Molecular Microbiology, 2012, 84, 857-873.	2.5	80
8	Characterization of YmgF, a 72-Residue Inner Membrane Protein That Associates with the <i>Escherichia coli</i> Cell Division Machinery. Journal of Bacteriology, 2009, 191, 333-346.	2.2	60
9	Phosphorylation-dependent binding of BvgA to the upstream region of the cyaA gene of Bordetella pertussis. Molecular Microbiology, 1996, 20, 489-496.	2.5	56
10	Sensitive Genetic Screen for Protease Activity Based on a Cyclic AMP Signaling Cascade in Escherichia coli. Journal of Bacteriology, 2000, 182, 7060-7066.	2.2	54
11	ZapE Is a Novel Cell Division Protein Interacting with FtsZ and Modulating the Z-Ring Dynamics. MBio, 2014, 5, e00022-14.	4.1	54
12	The Escherichia coli Regulator of Sigma 70 Protein, Rsd, Can Up-Regulate Some Stress-Dependent Promoters by Sequestering Sigma 70. Journal of Bacteriology, 2007, 189, 3489-3495.	2.2	43
13	Role of Leucine Zipper Motifs in Association of the Escherichia coli Cell Division Proteins FtsL and FtsB. Journal of Bacteriology, 2011, 193, 4988-4992.	2.2	39
14	Protein-Protein Interaction: Bacterial Two-Hybrid. Methods in Molecular Biology, 2017, 1615, 159-176.	0.9	39
15	Interaction between tobacco Ribulose-1,5-biphosphate Carboxylase/Oxygenase large subunit (RubisCO-LSU) and the PVY Coat Protein (PVY-CP). European Journal of Plant Pathology, 2005, 112, 221-234.	1.7	36
16	The β -Lactam Resistance Protein Blr, a Small Membrane Polypeptide, Is a Component of the Escherichia coli Cell Division Machinery. Journal of Bacteriology, 2012, 194, 5576-5588.	2.2	33
17	Genetic systems for analyzing protein-protein interactions in bacteria. Research in Microbiology, 2000, 151, 711-720.	2.1	29
18	Binding of the Unorthodox Transcription Activator, Crl, to the Components of the Transcription Machinery. Journal of Biological Chemistry, 2008, 283, 33455-33464.	3.4	28

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19	Characterization of DNA binding sites for the BvgA protein of <i>Bordetella pertussis</i> . <i>Journal of Bacteriology</i> , 1997, 179, 3790-3792.	2.2	27
20	Characterization of recombinant <i>Bordetella pertussis</i> adenylate cyclase toxins carrying passenger proteins. <i>Research in Microbiology</i> , 2001, 152, 889-900.	2.1	27
21	Analysis of Membrane Protein Interactions with a Bacterial Adenylate Cyclase-Based Two-Hybrid (BACTH) Technique. <i>Current Protocols in Molecular Biology</i> , 2017, 118, 20.12.1-20.12.24.	2.9	23
22	Human Immunodeficiency Virus (HIV) Type 1 Transframe Protein Can Restore Activity to a Dimerization-Deficient HIV Protease Variant. <i>Journal of Virology</i> , 2003, 77, 8216-8226.	3.4	18
23	[32] <i>Bordetella pertussis</i> adenylate cyclase toxin: A vehicle to deliver CD8-positive T-cell epitopes into antigen-presenting cells. <i>Methods in Enzymology</i> , 2000, 326, 527-542.	1.0	17
24	Relief of catabolite repression in a cAMP-independent catabolite gene activator mutant of <i>Escherichia coli</i> . <i>Research in Microbiology</i> , 2004, 155, 76-79.	2.1	17
25	<i>Bordetella pertussis</i> adenylate cyclase toxin as a tool to analyze molecular interactions in a bacterial two-hybrid system. <i>International Journal of Medical Microbiology</i> , 2000, 290, 441-445.	3.6	16
26	<i>Bordetella pertussis</i> adenylate cyclase toxin: a versatile screening tool. <i>Toxicon</i> , 2002, 40, 1383-1387.	1.6	16
27	Defining Membrane Protein Topology Using pho-lac Reporter Fusions. <i>Methods in Molecular Biology</i> , 2017, 1615, 129-142.	0.9	15
28	Two-hybrid systems and their usage in infection biology1 This paper is dedicated to the memory of our colleague Maurice Hofnung who passed away in June, 2001.. <i>International Journal of Medical Microbiology</i> , 2002, 292, 17-25.	3.6	11