

Raffaele Ieva

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,391
citations

394286

19
h-index

526166

27
g-index

29
all docs

29
docs citations

29
times ranked

1358
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of an autotransporter passenger domain with BamA during its translocation across the bacterial outer membrane. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19120-19125.	3.3	171
2	Sequential and spatially restricted interactions of assembly factors with an autotransporter β domain. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E383-91.	3.3	129
3	Secretion of a bacterial virulence factor is driven by the folding of a C-terminal segment. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17739-17744.	3.3	90
4	In Vitro Analysis of Protein-Operator Interactions of the NikR and Fur Metal-Responsive Regulators of Coregulated Genes in Helicobacter pylori. Journal of Bacteriology, 2005, 187, 7703-7715.	1.0	89
5	Incorporation of a polypeptide segment into the β -domain pore during the assembly of a bacterial autotransporter. Molecular Microbiology, 2008, 67, 188-201.	1.2	88
6	Mechanistic link between β barrel assembly and the initiation of autotransporter secretion. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E938-47.	3.3	80
7	Mgr2 promotes coupling of the mitochondrial presequence translocase to partner complexes. Journal of Cell Biology, 2012, 197, 595-604.	2.3	79
8	Mgr2 Functions as Lateral Gatekeeper for Preprotein Sorting in the Mitochondrial Inner Membrane. Molecular Cell, 2014, 56, 641-652.	4.5	73
9	Autoregulation of Helicobacter pylori Fur revealed by functional analysis of the iron-binding site. Molecular Microbiology, 2002, 46, 1107-1122.	1.2	68
10	Visualizing active membrane protein complexes by electron cryotomography. Nature Communications, 2014, 5, 4129.	5.8	59
11	CrgA Is an Inducible LysR-Type Regulator of Neisseria meningitidis , Acting both as a Repressor and as an Activator of Gene Transcription. Journal of Bacteriology, 2005, 187, 3421-3430.	1.0	58
12	The presequence pathway is involved in protein sorting to the mitochondrial outer membrane. EMBO Reports, 2014, 15, 678-85.	2.0	56
13	OxyR tightly regulates catalase expression in <i>Neisseria meningitidis</i> through both repression and activation mechanisms. Molecular Microbiology, 2008, 70, 1152-1165.	1.2	51
14	Two distinct membrane potential-dependent steps drive mitochondrial matrix protein translocation. Journal of Cell Biology, 2017, 216, 83-92.	2.3	47
15	Mitochondrial inner membrane protease promotes assembly of presequence translocase by removing a carboxy-terminal targeting sequence. Nature Communications, 2013, 4, 2853.	5.8	45
16	The Iron-Responsive Regulator Fur Is Transcriptionally Autoregulated and Not Essential in Neisseria meningitidis. Journal of Bacteriology, 2003, 185, 6032-6041.	1.0	41
17	Job contenders: roles of the β -barrel assembly machinery and the translocation and assembly module in autotransporter secretion. Molecular Microbiology, 2017, 106, 505-517.	1.2	37
18	Bacterial machineries for the assembly of membrane-embedded β -barrel proteins. FEMS Microbiology Letters, 2018, 365, .	0.7	31

#	ARTICLE	IF	CITATIONS
19	Mitochondrial presequence import: Multiple regulatory knobs fine-tune mitochondrial biogenesis and homeostasis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2019, 1866, 930-944.	1.9	30
20	Protein Import by the Mitochondrial Presequence Translocase in the Absence of a Membrane Potential. <i>Journal of Molecular Biology</i> , 2016, 428, 1041-1052.	2.0	21
21	Lipoprotein DolP supports proper folding of BamA in the bacterial outer membrane promoting fitness upon envelope stress. <i>ELife</i> , 2021, 10, .	2.8	15
22	The Mgr2 subunit of the TIM23 complex regulates membrane insertion of marginal stopâ€transfer signals in the mitochondrial inner membrane. <i>FEBS Letters</i> , 2020, 594, 1081-1087.	1.3	11
23	Transmembrane Coordination of Preprotein Recognition and Motor Coupling by the Mitochondrial Presequence Receptor Tim50. <i>Cell Reports</i> , 2020, 30, 3092-3104.e4.	2.9	10
24	Analysis of Mitochondrial Membrane Protein Complexes by Electron Cryo-tomography. <i>Methods in Molecular Biology</i> , 2017, 1567, 315-336.	0.4	4
25	Interfering with outer membrane biogenesis to fight Gram-negative bacterial pathogens. <i>Virulence</i> , 2017, 8, 1049-1052.	1.8	3
26	Monitoring the Assembly of a Secreted Bacterial Virulence Factor Using Site-specific Crosslinking. <i>Journal of Visualized Experiments</i> , 2013, , e51217.	0.2	2
27	Site-Directed and Time-Resolved Photocrosslinking in Cells Metabolically Labeled with Radioisotopes. <i>Methods in Molecular Biology</i> , 2017, 1615, 233-245.	0.4	2