Emmanuelle Bouveret

List of Publications by Year
in descending order

45 papers	3,679 citations	304743 22 h-index	276875 41 g-index
47 all docs	47 docs citations	47 times ranked	4500 citing authors

#	Article	IF	Citations
1	Cellular assays identify barriers impeding iron-sulfur enzyme activity in a non-native prokaryotic host. ELife, 2022, 11, .	6.0	9
2	Bacterial Homologs of Progestin and AdipoQ Receptors (PAQRs) Affect Membrane Energetics Homeostasis but Not Fluidity. Journal of Bacteriology, 2022, 204, e0058321.	2.2	2
3	Dual Regulation of Phosphatidylserine Decarboxylase Expression by Envelope Stress Responses. Frontiers in Molecular Biosciences, 2021, 8, 665977.	3.5	1
4	Dual-fluorescent bacterial two-hybrid system for quantitative Proteinâ€“Protein interaction measurement via flow cytometry. Talanta, 2021, 233, 122549.	5.5	1
5	Deciphering the specific interaction between the acyl carrier protein IacP and the T3SSâ€major hydrophobic translocator SipB from Salmonella. FEBS Letters, 2020, 594, 251-265.	2.8	2
6	SlyA Transcriptional Regulator Is Not Directly Affected by ppGpp Levels. Frontiers in Microbiology, 2020, 11, 1856.	3.5	7
7	Quantification of guanosine triphosphate and tetraphosphate in plants and algae using stable isotope-labelled internal standards. Talanta, 2020, 219, 121261.	5.5	12
8	The O2-independent pathway of ubiquinone biosynthesis is essential for denitrification in Pseudomonas aeruginosa. Journal of Biological Chemistry, 2020, 295, 9021-9032.	3.4	25
9	Oxidative stress antagonizes fluoroquinolone drug sensitivity via the SoxR-SUF Fe-S cluster homeostatic axis. PLoS Genetics, 2020, 16, e1009198.	3.5	10
10	Linking glucose metabolism to the stringent response through the PTS. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7454-7455.	7.1	0
11	Flow Cytometric Single-Cell Analysis for Quantitative in Vivo Detection of Proteinâ€“Protein Interactions via Relative Reporter Protein Expression Measurement. Analytical Chemistry, 2017, 89, 2782-2789.	6.5	7
12	Proteinâ€“Protein Interaction: Tandem Affinity Purification in Bacteria. Methods in Molecular Biology, 2017, 1615, 221-232.	0.9	6
13	Acylation of the Type 3 Secretion System Translocon Using a Dedicated Acyl Carrier Protein. PLoS Genetics, 2017, 13, e1006556.	3.5	15
14	Effects of amino acid starvation on <scp>RelA</scp> diffusive behavior in live <scp>E</scp>scherichia coli. Molecular Microbiology, 2016, 99, 571-585.	2.5	27
15	Coexpression of Escherichia coli obgE, Encoding the Evolutionarily Conserved Obg GTPase, with Ribosomal Proteins L21 and L27. Journal of Bacteriology, 2016, 198, 1857-1867.	2.2	5
16	An Ancient Bacterial Signaling Pathway Regulates Chloroplast Function to Influence Growth and Development in Arabidopsis. Plant Cell, 2016, 28, 661-679.	6.6	82
17	Overexpression of the olive acyl carrier protein gene (OeACP1) produces alterations in fatty acid composition of tobacco leaves. Transgenic Research, 2016, 25, 45-61.	2.4	16
18	Evidence for New Homotypic and Heterotypic Interactions between Transmembrane Helices of Proteins Involved in Receptor Tyrosine Kinase and Neuropilin Signaling. Journal of Molecular Biology, 2014, 426, 4099-4111.	4.2	33

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19	The Stringent Response. , 2014, , 229-250.		1
20	Transcription of the Escherichia coli Fatty Acid Synthesis Operon fabHDG Is Directly Activated by FadR and Inhibited by ppGpp. Journal of Bacteriology, 2013, 195, 3784-3795.	2.2	78
21	Posttranslational Maturation of the Invasion Acyl Carrier Protein of Salmonella enterica Serovar Typhimurium Requires an Essential Phosphopantetheinyl Transferase of the Fatty Acid Biosynthesis Pathway. Journal of Bacteriology, 2013, 195, 4399-4405.	2.2	4
22	Bacterial Interactomes: From Interactions to Networks. Methods in Molecular Biology, 2012, 804, 15-33.	0.9	12
23	The bacterial two-hybrid system based on adenylate cyclase reconstitution in Escherichia coli. Methods, 2012, 58, 325-334.	3.8	291
24	Disrupting the Acyl Carrier Protein/SpoT Interaction In Vivo: Identification of ACP Residues Involved in the Interaction and Consequence on Growth. PLoS ONE, 2012, 7, e36111.	2.5	20
25	Antagonistic regulation of dgkA and plsB genes of phospholipid synthesis by multiple stress responses in Escherichia coli. Molecular Microbiology, 2011, 80, 1260-1275.	2.5	39
26	Bacteria Possessing Two RelA/SpoT-Like Proteins Have Evolved a Specific Stringent Response Involving the Acyl Carrier Protein-SpoT Interaction. Journal of Bacteriology, 2009, 191, 616-624.	2.2	84
27	Tagging of Escherichia coli proteins with new cassettes allowing in vivo systematic fluorescent and luminescent detection, and purification from physiological expression levels. Proteomics, 2009, 9, 5389-5393.	2.2	3
28	Improvement of bacterial twoâ€hybrid vectors for detection of fusion proteins and transfer to pBADâ€tandem affinity purification, calmodulin binding peptide, or 6â€histidine tag vectors. Proteomics, 2008, 8, 4768-4771.	2.2	21
29	The Hotdog Thioesterase EntH (YbdB) Plays a Role In Vivo in Optimal Enterobactin Biosynthesis by Interacting with the ArCP Domain of EntB. Journal of Bacteriology, 2007, 189, 7112-7126.	2.2	33
30	A protein network for phospholipid synthesis uncovered by a variant of the tandem affinity purification method inEscherichia coli. Proteomics, 2006, 6, 282-293.	2.2	96
31	Acyl carrier protein/SpoT interaction, the switch linking SpoT-dependent stress response to fatty acid metabolism. Molecular Microbiology, 2006, 62, 1048-1063.	2.5	285
32	Tat HIV-1 Primary and Tertiary Structures Critical to Immune Response Against Non-homologous Variants. Journal of Biological Chemistry, 2002, 277, 35915-35919.	3.4	35
33	Analysis of the Escherichia coli Tolâ€“Pal and TonB systems by periplasmic production of Tol, TonB, colicin, or phage capsid soluble domains. Biochimie, 2002, 84, 413-421.	2.6	37
34	The Tandem Affinity Purification (TAP) Method: A General Procedure of Protein Complex Purification. Methods, 2001, 24, 218-229.	3.8	1,550
35	The Tol-Pal proteins of the Escherichia coli cell envelope: an energized system required for outer membrane integrity?. Research in Microbiology, 2001, 152, 523-529.	2.1	157
36	Identification of phospholipids as new components that assist in thein vitrotrimerization of a bacterial pore protein. FEBS Journal, 2001, 268, 865-875.	0.2	29

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37	Import of colicins across the outer membrane of Escherichia coli involves multiple protein interactions in the periplasm. Molecular Microbiology, 2001, 42, 331-344.	2.5	46
38	Structure of the Escherichia coli TolB protein determined by MAD methods at 1.95 Ã... resolution. Structure, 1999, 7, 1291-1300.	3.3	68
39	In Vitro Characterization of Peptidoglycan-Associated Lipoprotein (PAL)â€“Peptidoglycan and PALâ€“TolB Interactions. Journal of Bacteriology, 1999, 181, 6306-6311.	2.2	79
40	Crystallization and preliminary crystallographic study of a component of the Escherichia coli Tol system: TolB. Acta Crystallographica Section D: Biological Crystallography, 1998, 54, 102-104.	2.5	8
41	Distinct regions of the colicin A translocation domain are involved in the interaction with TolA and TolB proteins upon import intoEscherichia coli. Molecular Microbiology, 1998, 27, 143-157.	2.5	78
42	Colicin Import intoEscherichia coliCells. Journal of Bacteriology, 1998, 180, 4993-5002.	2.2	166
43	The Nâ€terminal domain of colicin E3 interacts with TolB which is involved in the colicin translocation step. Molecular Microbiology, 1997, 23, 909-920.	2.5	61
44	The Tol/PAL and TonB systems : two envelope-spanning protein complexes involved in colicin import in E. coli.. , 1996, , 59-69.		0
45	Peptidoglycan-associated Lipoprotein-TolB Interaction. Journal of Biological Chemistry, 1995, 270, 11071-11077.	3.4	136