Alain Filloux

List of Publications by Year
in descending order

176 papers	13,699 citations	18887 64 h-index	30277 107 g-index
241 all docs	241 docs citations	241 times ranked	11300 citing authors

#	Article	IF	Citations
1	Structure of ATP synthase from ESKAPE pathogen <i>Acinetobacter baumannii</i>. Science Advances, 2022, 8, eabl5966.	4.7	14
2	RpoN/Sfa2-dependent activation of the <i>Pseudomonas aeruginosa</i> H2-T6SS and its cognate arsenal of antibacterial toxins. Nucleic Acids Research, 2022, 50, 227-243.	6.5	13
3	Bacterial protein secretion systems: Game of types. Microbiology (United Kingdom), 2022, 168, .	0.7	19
4	Dual role of a (p)ppGppâ€•and (p)ppAppâ€•degrading enzyme in biofilm formation and interbacterial antagonism. Molecular Microbiology, 2021, 115, 1339-1356.	1.2	18
5	A novel stabilization mechanism for the type VI secretion system sheath. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	28
6	The Breadth and Molecular Basis of Hcp-Driven Type VI Secretion System Effector Delivery. MBio, 2021, 12, e0026221.	1.8	22
7	Identification of Tse8 as a Type VI secretion system toxin from Pseudomonas aeruginosa that targets the bacterial transamidosome to inhibit protein synthesis in prey cells. Nature Microbiology, 2021, 6, 1199-1210.	5.9	30
8	Detection of Colistin Resistance in Pseudomonas aeruginosa Using the MALDIxin Test on the Routine MALDI Biotyper Sirius Mass Spectrometer. Frontiers in Microbiology, 2021, 12, 725383.	1.5	12
9	The Pseudomonas aeruginosa whole genome sequence: A 20th anniversary celebration. Advances in Microbial Physiology, 2021, 79, 25-88.	1.0	7
10	Optimization of the MALDIxin test for the rapid identification of colistin resistance in Klebsiella pneumoniae using MALDI-TOF MS. Journal of Antimicrobial Chemotherapy, 2020, 75, 110-116.	1.3	33
11	Causalities of war: The connection between type VI secretion system and microbiota. Cellular Microbiology, 2020, 22, e13153.	1.1	45
12	Role of Recipient Susceptibility Factors During Contact-Dependent Interbacterial Competition. Frontiers in Microbiology, 2020, 11, 603652.	1.5	11
13	Detection of Colistin Resistance in Salmonella enterica Using MALDIxin Test on the Routine MALDI Biotyper Sirius Mass Spectrometer. Frontiers in Microbiology, 2020, 11, 1141.	1.5	12
14	Solving the Puzzle: Connecting a Heterologous Agrobacterium tumefaciens T6SS Effector to a Pseudomonas aeruginosa Spike Complex. Frontiers in Cellular and Infection Microbiology, 2020, 10, 291.	1.8	10
15	Manipulating the type VI secretion system spike to shuttle passenger proteins. PLoS ONE, 2020, 15, e0228941.	1.1	18
16	The Type VI Secretion System of Pseudomonas aeruginosa: a gun loaded with antimicrobial bullets. Access Microbiology, 2020, 2, .	0.2	0
17	Delivery of the Pseudomonas aeruginosa Phospholipase Effectors PldA and PldB in a VgrG- and H2-T6SS-Dependent Manner. Frontiers in Microbiology, 2019, 10, 1718.	1.5	47
18	Multiple Roles of c-di-GMP Signaling in Bacterial Pathogenesis. Annual Review of Microbiology, 2019, 73, 387-406.	2.9	101

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19	P135 The Pseudomonas aeruginosa T6SS-VgrG1b tip is capped by a PAAR protein eliciting DNA damage to bacterial competitors. Journal of Cystic Fibrosis, 2019, 18, S95-S96.	0.3	3
20	The Pseudomonas aeruginosa T6SS Delivers a Periplasmic Toxin that Disrupts Bacterial Cell Morphology. Cell Reports, 2019, 29, 187-201.e7.	2.9	82
21	Cyclic diâ€GMP inactivates T6SS and T4SS activity in <i>Agrobacterium tumefaciens</i>. Molecular Microbiology, 2019, 112, 632-648.	1.2	15
22	Chronic infection by controlling inflammation. Nature Microbiology, 2019, 4, 378-379.	5.9	4
23	Biofilms 2018: a Diversity of Microbes and Mechanisms. Journal of Bacteriology, 2019, 201, .	1.0	14
24	Complete Genome Sequence of Pseudomonas aeruginosa Reference Strain PAK. Microbiology Resource Announcements, 2019, 8, .	0.3	26
25	Detection of Colistin Resistance in Escherichia coli by Use of the MALDI Biotyper Sirius Mass Spectrometry System. Journal of Clinical Microbiology, 2019, 57, .	1.8	38
26	Importance of flagella in acute and chronic <i>Pseudomonas aeruginosa</i> infections. Environmental Microbiology, 2019, 21, 883-897.	1.8	23
27	PAAR proteins act as the â€˜sorting hatâ€™ of the type VI secretion system. Microbiology (United Kingdom), 2019, 165, 1203-1218.	0.7	38
28	Looking inside an injection system. ELife, 2019, 8, .	2.8	1
29	M2â€…Pseudomonas aeruginosa (Pa) biofilm-forming potential and metabolomic phenotypes differ between chronically infected patients with cystic fibrosis (CF) and non-CF bronchiectasis (Bx). , 2019, , .		0
30	TagF-mediated repression of bacterial type VI secretion systems involves a direct interaction with the cytoplasmic protein Fha. Journal of Biological Chemistry, 2018, 293, 8829-8842.	1.6	40
31	Pore-forming activity of the Pseudomonas aeruginosa type III secretion system translocon alters the host epigenome. Nature Microbiology, 2018, 3, 378-386.	5.9	47
32	Lifestyle transitions and adaptive pathogenesis of Pseudomonas aeruginosa. Current Opinion in Microbiology, 2018, 41, 15-20.	2.3	132
33	Multiple Structures Disclose the Secretins' Secrets. Journal of Bacteriology, 2018, 200, .	1.0	14
34	Atomic Structure of Type VI Contractile Sheath from Pseudomonas aeruginosa. Structure, 2018, 26, 329-336.e3.	1.6	29
35	Type VI secretion systems in plantâ€associated bacteria. Environmental Microbiology, 2018, 20, 1-15.	1.8	199
36	Rapid detection of colistin resistance in Acinetobacter baumannii using MALDI-TOF-based lipidomics on intact bacteria. Scientific Reports, 2018, 8, 16910.	1.6	61

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37	The <i>Pseudomonas aeruginosa</i> T6SS-VgrG1b spike is topped by a PAAR protein eliciting DNA damage to bacterial competitors. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12519-12524.	3.3	118
38	Higher Prevalence of PldA, a Pseudomonas aeruginosa Trans-Kingdom H2-Type VI Secretion System Effector, in Clinical Isolates Responsible for Acute Infections and in Multidrug Resistant Strains. Frontiers in Microbiology, 2018, 9, 2578.	1.5	22
39	Rapid detection and discrimination of chromosome- and MCR-plasmid-mediated resistance to polymyxins by MALDI-TOF MS in Escherichia coli: the MALDIxin test. Journal of Antimicrobial Chemotherapy, 2018, 73, 3359-3367.	1.3	66
40	<i>Shigella</i> -Induced Emergency Granulopoiesis Protects Zebrafish Larvae from Secondary Infection. MBio, 2018, 9, .	1.8	28
41	A global genomic approach uncovers novel components for twitching motility-mediated biofilm expansion in Pseudomonas aeruginosa. Microbial Genomics, 2018, 4, .	1.0	17
42	The pangenome of (Antarctic) Pseudoalteromonas bacteria: evolutionary and functional insights. BMC Genomics, 2017, 18, 93.	1.2	46
43	Cyclic-di-GMP regulates lipopolysaccharide modification and contributes to Pseudomonas aeruginosa immune evasion. Nature Microbiology, 2017, 2, 17027.	5.9	61
44	A <i>Pseudomonas aeruginosa</i>Â<scp>TIR</scp> effector mediates immune evasion by targetingÂ<scp>UBAP</scp>1 and <scp>TLR</scp> adaptors. EMBO Journal, 2017, 36, 1869-1887.	3.5	31
45	Current and future therapies for Pseudomonas aeruginosa infection in patients with cystic fibrosis. FEMS Microbiology Letters, 2017, 364, .	0.7	85
46	The <i>Pseudomonas putida</i> T6SS is a plant warden against phytopathogens. ISME Journal, 2017, 11, 972-987.	4.4	232
47	A Cell-Free Biosensor for Detecting Quorum Sensing Molecules in <i>P.Âaeruginosa</i>-Infected Respiratory Samples. ACS Synthetic Biology, 2017, 6, 2293-2301.	1.9	130
48	Probing the internal micromechanical properties of Pseudomonas aeruginosa biofilms by Brillouin imaging. Npj Biofilms and Microbiomes, 2017, 3, 20.	2.9	29
49	Contribution of Cyclic di-GMP in the Control of Type III and Type VI Secretion in Pseudomonas aeruginosa. Methods in Molecular Biology, 2017, 1657, 213-224.	0.4	15
50	87 Pseudomonas aeruginosa from CF patients form larger biofilms in vitro than those from subjects with bronchiectasis. Journal of Cystic Fibrosis, 2017, 16, S86-S87.	0.3	0
51	Visualizing Antimicrobials in Bacterial Biofilms: Three-Dimensional Biochemical Imaging Using TOF-SIMS. MSphere, 2017, 2, .	1.3	20
52	RsmA and AmrZ orchestrate the assembly of all three type VI secretion systems in <i>Pseudomonas aeruginosa</i>. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7707-7712.	3.3	146
53	90 Using cell-free biosensors to monitor Pseudomonas aeruginosa infection in cystic fibrosis sputum. Journal of Cystic Fibrosis, 2017, 16, S87-S88.	0.3	0
54	Professor Dieter Haas (1945â€"2017). FEMS Microbiology Reviews, 2017, 41, 597-598.	3.9	1

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55	A broad range quorum sensing inhibitor working through sRNA inhibition. Scientific Reports, 2017, 7, 9857.	1.6	60
56	Increased airway glucose increases airway bacterial load in hyperglycaemia. Scientific Reports, 2016, 6, 27636.	1.6	79
57	Biofilms and Cyclic di-GMP (c-di-GMP) Signaling: Lessons from Pseudomonas aeruginosa and Other Bacteria. Journal of Biological Chemistry, 2016, 291, 12547-12555.	1.6	476
58	<i>Pseudomonas aeruginosa</i>infection in cystic fibrosis: pathophysiological mechanisms and therapeutic approaches. Expert Review of Respiratory Medicine, 2016, 10, 685-697.	1.0	114
59	Crystal structure of the CupB6 adhesive tip from the chaperone-usher family of pili from Pseudomonas aeruginosa. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 1500-1505.	1.1	5
60	Structural biology: Baseplates in contractile machines. Nature Microbiology, 2016, 1, 16104.	5.9	8
61	TssA forms a gp6â€like ring attached to the type <scp>VI</scp> secretion sheath. EMBO Journal, 2016, 35, 1613-1627.	3.5	84
62	Direct detection of lipid A on intact Gram-negative bacteria by MALDI-TOF mass spectrometry. Journal of Microbiological Methods, 2016, 120, 68-71.	0.7	46
63	Editorial: The many wonders of the bacterial cell surface. FEMS Microbiology Reviews, 2016, 40, 161-163.	3.9	8
64	Type VI secretion and anti-host effectors. Current Opinion in Microbiology, 2016, 29, 81-93.	2.3	242
65	The Hybrid Histidine Kinase LadS Forms a Multicomponent Signal Transduction System with the GacS/GacA Two-Component System in Pseudomonas aeruginosa. PLoS Genetics, 2016, 12, e1006032.	1.5	129
66	The Diguanylate Cyclase HsbD Intersects with the HptB Regulatory Cascade to Control Pseudomonas aeruginosa Biofilm and Motility. PLoS Genetics, 2016, 12, e1006354.	1.5	57
67	Structureâ€"function analysis reveals that the Pseudomonas aeruginosa Tps4 twoâ€partner secretion system is involved in CupB5 translocation. Protein Science, 2015, 24, 670-687.	3.1	6
68	Editorial. FEMS Microbiology Reviews, 2015, 39, 1-1.	3.9	17
69	Diguanylate cyclase <scp>D</scp>gc<scp>P</scp> is involved in plant and human <scp><i>P</i></scp><i>seudomonas</i> spp. infections. Environmental Microbiology, 2015, 17, 4332-4351.	1.8	31
70	The absence of the Pseudomonas aeruginosa OprF protein leads to increased biofilm formation through variation in c-di-GMP level. Frontiers in Microbiology, 2015, 6, 630.	1.5	71
71	News and views on protein secretion systems. , 2015, , 77-108.		4
72	Internalization of Pseudomonas aeruginosa Strain PAO1 into Epithelial Cells Is Promoted by Interaction of a T6SS Effector with the Microtubule Network. MBio, 2015, 6, e00712.	1.8	121

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73	Genome-scale phylogenetic and DNA composition analyses of Antarctic Pseudoalteromonas bacteria reveal inconsistencies in current taxonomic affiliation. Hydrobiologia, 2015, 761, 85-95.	1.0	13
74	Pel is a cationic exopolysaccharide that cross-links extracellular DNA in the <i>Pseudomonas aeruginosa</i> biofilm matrix. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11353-11358.	3.3	485
75	Coevolution of the ATPase ClpV, the Sheath Proteins TssB and TssC, and the Accessory Protein TagJ/HsiE1 Distinguishes Type VI Secretion Classes. Journal of Biological Chemistry, 2014, 289, 33032-33043.	1.6	50
76	The VgrG Proteins Are â€œÃ la Carteâ€• Delivery Systems for Bacterial Type VI Effectors. Journal of Biological Chemistry, 2014, 289, 17872-17884.	1.6	185
77	The Diguanylate Cyclase SadC Is a Central Player in Gac/Rsm-Mediated Biofilm Formation in Pseudomonas aeruginosa. Journal of Bacteriology, 2014, 196, 4081-4088.	1.0	88
78	Characterization of a novel Zn2+-dependent intrinsic imipenemase from Pseudomonas aeruginosa. Journal of Antimicrobial Chemotherapy, 2014, 69, 2972-2978.	1.3	26
79	Methods for Studying Biofilm Dispersal in Pseudomonas aeruginosa. Methods in Molecular Biology, 2014, 1149, 643-651.	0.4	25
80	Agrobacterium tumefaciens Deploys a Superfamily of Type VI Secretion DNase Effectors as Weapons for Interbacterial Competition In Planta. Cell Host and Microbe, 2014, 16, 94-104.	5.1	295
81	An <i>rhs</i> Gene Linked to the Second Type VI Secretion Cluster Is a Feature of the Pseudomonas aeruginosa Strain PA14. Journal of Bacteriology, 2014, 196, 800-810.	1.0	30
82	Pseudomonas Methods and Protocols. Methods in Molecular Biology, 2014, 1149, v.	0.4	78
83	A Method to Capture Large DNA Fragments from Genomic DNA. Methods in Molecular Biology, 2014, 1149, 491-500.	0.4	2
84	Site-Directed Mutagenesis and Gene Deletion Using Reverse Genetics. Methods in Molecular Biology, 2014, 1149, 521-539.	0.4	19
85	Gene Amplification and qRT-PCR. Methods in Molecular Biology, 2014, 1149, 457-468.	0.4	0
86	A weapon for bacterial warfare. Nature, 2013, 500, 284-285.	13.7	10
87	A Visual Assay to Monitor T6SS-mediated Bacterial Competition. Journal of Visualized Experiments, 2013, , e50103.	0.2	35
88	The pathogenicity island encoded <scp>PvrSR</scp>/<scp>RcsCB</scp> regulatory network controls biofilm formation and dispersal in <i><scp>P</scp>seudomonas aeruginosa</i>â€…<scp>PA</scp>14. Molecular Microbiology, 2013, 89, 450-463.	1.2	35
89	Fit and resistant is a worst case scenario with bacterial pathogens. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20360-20361.	3.3	1
90	The HsiB1C1 (TssB-TssC) Complex of the Pseudomonas aeruginosa Type VI Secretion System Forms a Bacteriophage Tail Sheathlike Structure. Journal of Biological Chemistry, 2013, 288, 7536-7548.	1.6	77

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91	Editorial. FEMS Microbiology Reviews, 2013, 37, 111-111.	3.9	0
92	Subinhibitory Concentration of Kanamycin Induces the Pseudomonas aeruginosa type VI Secretion System. PLoS ONE, 2013, 8, e81132.	1.1	41
93	The rise of the Type VI secretion system. F1000prime Reports, 2013, 5, 52.	5.9	26
94	The archetype <i><scp>P</scp>seudomonas aeruginosa</i> proteins <scp><scp>TssB</scp></scp> and <scp><scp>TagJ</scp></scp> form a novel subcomplex in the bacterial type <scp>VI</scp> secretion system. Molecular Microbiology, 2012, 86, 437-456.	1.2	22
95	The Second Type VI Secretion System of Pseudomonas aeruginosa Strain PAO1 Is Regulated by Quorum Sensing and Fur and Modulates Internalization in Epithelial Cells. Journal of Biological Chemistry, 2012, 287, 27095-27105.	1.6	191
96	On the path to uncover the bacterial type II secretion system. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 1059-1072.	1.8	95
97	Type II-dependent secretion of a Pseudomonas aeruginosa DING protein. Research in Microbiology, 2012, 163, 457-469.	1.0	20
98	The p110Î´ isoform of the kinase PI(3)K controls the subcellular compartmentalization of TLR4 signaling and protects from endotoxic shock. Nature Immunology, 2012, 13, 1045-1054.	7.0	163
99	The <i>Pseudomonas aeruginosa</i> sensor RetS switches Type III and Type VI secretion via câ€diâ€GMP signalling. Environmental Microbiology, 2012, 14, 1088-1089.	1.8	1
100	Type VI Secretion System in Pseudomonas aeruginosa. Journal of Biological Chemistry, 2011, 286, 12317-12327.	1.6	150
101	Structural and Functional Characterization of Pseudomonas aeruginosa CupB Chaperones. PLoS ONE, 2011, 6, e16583.	1.1	10
102	Protein Secretion Systems in Pseudomonas aeruginosa: An Essay on Diversity, Evolution, and Function. Frontiers in Microbiology, 2011, 2, 155.	1.5	160
103	The PprAâ€"PprB twoâ€component system activates CupE, the first nonâ€archetypal <i>Pseudomonas aeruginosa</i> chaperoneâ€"usher pathway system assembling fimbriae. Environmental Microbiology, 2011, 13, 666-683.	1.8	73
104	Key twoâ€component regulatory systems that control biofilm formation in <i>Pseudomonas aeruginosa</i>. Environmental Microbiology, 2011, 13, 1666-1681.	1.8	191
105	The <i>Pseudomonas aeruginosa</i> sensor RetS switches Type III and Type VI secretion via câ€diâ€GMP signalling. Environmental Microbiology, 2011, 13, 3128-3138.	1.8	245
106	Twoâ€component regulatory systems in <i>Pseudomonas aeruginosa</i>: an intricate network mediating fimbrial and efflux pump gene expression. Molecular Microbiology, 2011, 79, 1353-1366.	1.2	57
107	Structureâ€"function analysis of HsiF, a gp25-like component of the type VI secretion system, in Pseudomonas aeruginosa. Microbiology (United Kingdom), 2011, 157, 3292-3305.	0.7	52
108	The Assembly Mode of the Pseudopilus. Journal of Biological Chemistry, 2011, 286, 24407-24416.	1.6	19

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109	The Cyst-Dividing Bacterium Ramlibacter tataouinensis TTB310 Genome Reveals a Well-Stocked Toolbox for Adaptation to a Desert Environment. PLoS ONE, 2011, 6, e23784.	1.1	47
110	The Pseudomonas aeruginosa Reference Strain PA14 Displays Increased Virulence Due to a Mutation in ladS. PLoS ONE, 2011, 6, e29113.	1.1	143
111	Distinct oligomeric forms of the<i>Pseudomonas aeruginosa</i>RetS sensor domain modulate accessibility to the ligand binding site. Environmental Microbiology, 2010, 12, 1775-1786.	1.8	39
112	Regulatory RNAs and the HptB/RetS signalling pathways fine-tune Pseudomonas aeruginosa pathogenesis. Molecular Microbiology, 2010, 76, 1427-1443.	1.2	133
113	The <i>Pseudomonas aeruginosa</i> patatinâ€•like protein PlpD is the archetype of a novel Type V secretion system. Environmental Microbiology, 2010, 12, 1498-1512.	1.8	84
114	Chemical Analysis of Cellular and Extracellular Carbohydrates of a Biofilm-Forming Strain Pseudomonas aeruginosa PA14. PLoS ONE, 2010, 5, e14220.	1.1	56
115	Secretion Signal and Protein Targeting in Bacteria: a Biological Puzzle. Journal of Bacteriology, 2010, 192, 3847-3849.	1.0	35
116	A Variety of Bacterial Pili Involved in Horizontal Gene Transfer. Journal of Bacteriology, 2010, 192, 3243-3245.	1.0	27
117	High-level antibiotic resistance in Pseudomonas aeruginosa biofilm: the ndvB gene is involved in the production of highly glycerol-phosphorylated Â-(1->3)-glucans, which bind aminoglycosides. Glycobiology, 2010, 20, 895-904.	1.3	101
118	Protein secretion systems in Pseudomonas aeruginosa: A wealth of pathogenic weapons. International Journal of Medical Microbiology, 2010, 300, 534-543.	1.5	282
119	Structure of thePseudomonas aeruginosa XcpT pseudopilin, a major component of the type II secretion system. Journal of Structural Biology, 2010, 169, 75-80.	1.3	29
120	The C-terminal amphipathic Î±-helix of Pseudomonas aeruginosa PelC outer membrane protein is required for its function. Biochimie, 2010, 92, 33-40.	1.3	16
121	Expression of Pseudomonas aeruginosa CupD Fimbrial Genes Is Antagonistically Controlled by RcsB and the EAL-Containing PvrR Response Regulators. PLoS ONE, 2009, 4, e6018.	1.1	76
122	Direct interaction between sensor kinase proteins mediates acute and chronic disease phenotypes in a bacterial pathogen. Genes and Development, 2009, 23, 249-259.	2.7	272
123	HxcQ Liposecretin Is Self-piloted to the Outer Membrane by Its N-terminal Lipid Anchor. Journal of Biological Chemistry, 2009, 284, 33815-33823.	1.6	64
124	The XcpV/GspI Pseudopilin Has a Central Role in the Assembly of a Quaternary Complex within the T2SS Pseudopilus. Journal of Biological Chemistry, 2009, 284, 34580-34589.	1.6	58
125	Organization and PprB-Dependent Control of the <i>Pseudomonas aeruginosa tad</i> Locus, Involved in Flp Pilus Biology. Journal of Bacteriology, 2009, 191, 1961-1973.	1.0	65
126	Caenorhabditis elegans Semi-Automated Liquid Screen Reveals a Specialized Role for the Chemotaxis Gene cheB2 in Pseudomonas aeruginosa Virulence. PLoS Pathogens, 2009, 5, e1000540.	2.1	87

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127	The type VI secretion system: a tubular story. EMBO Journal, 2009, 28, 309-310.	3.5	48
128	The â€˜P-usherâ€™, a novel protein transporter involved in fimbrial assembly and TpsA secretion. EMBO Journal, 2008, 27, 2669-2680.	3.5	31
129	The bacterial type VI secretion machine: yet another player for protein transport across membranes. Microbiology (United Kingdom), 2008, 154, 1570-1583.	0.7	319
130	Interaction domains in the Pseudomonas aeruginosa type II secretory apparatus component XcpS (GspF). Microbiology (United Kingdom), 2007, 153, 1582-1592.	0.7	40
131	Assembly of Fimbrial Structures in Pseudomonas aeruginosa : Functionality and Specificity of Chaperone-Usher Machineries. Journal of Bacteriology, 2007, 189, 3547-3555.	1.0	83
132	Export of the Pseudopilin XcpT of the Pseudomonas aeruginosa Type II Secretion System via the Signal Recognition Particle-Sec Pathway. Journal of Bacteriology, 2007, 189, 2069-2076.	1.0	59
133	Cross Talk between Type III Secretion and Flagellar Assembly Systems in Pseudomonas aeruginosa. Journal of Bacteriology, 2007, 189, 3124-3132.	1.0	70
134	PelC is a Pseudomonas aeruginosa outer membrane lipoprotein of the OMA family of proteins involved in exopolysaccharide transport. Biochimie, 2007, 89, 903-915.	1.3	33
135	Multiple sensors control reciprocal expression of Pseudomonas aeruginosa regulatory RNA and virulence genes. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 171-176.	3.3	401
136	Pyoverdine-Mediated Iron Uptake in Pseudomonas aeruginosa : the Tat System Is Required for PvdN but Not for FpvA Transport. Journal of Bacteriology, 2006, 188, 3317-3323.	1.0	59
137	FppA, a Novel Pseudomonas aeruginosa Prepilin Peptidase Involved in Assembly of Type IVb Pili. Journal of Bacteriology, 2006, 188, 4851-4860.	1.0	90
138	Subcomplexes from the Xcp secretion system ofPseudomonas aeruginosa. FEMS Microbiology Letters, 2005, 252, 43-50.	0.7	33
139	XcpX Controls Biogenesis of the Pseudomonas aeruginosa XcpT-containing Pseudopilus. Journal of Biological Chemistry, 2005, 280, 31378-31389.	1.6	72
140	Quorum Sensing Negatively Controls Type III Secretion Regulon Expression in Pseudomonas aeruginosa PAO1. Journal of Bacteriology, 2005, 187, 3898-3902.	1.0	140
141	The pel genes of the Pseudomonas aeruginosa PAK strain are involved at early and late stages of biofilm formation. Microbiology (United Kingdom), 2005, 151, 985-997.	0.7	212
142	Biofilm Formation in Pseudomonas aeruginosa : Fimbrial cup Gene Clusters Are Controlled by the Transcriptional Regulator MvaT. Journal of Bacteriology, 2004, 186, 2880-2890.	1.0	139
143	A novel extracellular phospholipase C of Pseudomonas aeruginosa is required for phospholipid chemotaxis. Molecular Microbiology, 2004, 53, 1089-1098.	1.2	88
144	A novel two-component system controls the expression of Pseudomonas aeruginosa fimbrial cup genes. Molecular Microbiology, 2004, 55, 368-380.	1.2	278

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145	The underlying mechanisms of type II protein secretion. Biochimica Et Biophysica Acta - Molecular Cell Research, 2004, 1694, 163-179.	1.9	232
146	Two-Component Signal Transduction Systems: A Key to the Adaptative Potential of Pseudomonas Aeruginosa. , 2004, , 257-288.		7
147	Fimbrial Genes in Pseudomonas aeruginosa and Pseudomonas putida. , 2004, , 721-748.		10
148	Virulence factors of the human opportunistic pathogen Serratia marcescens identified by in vivo screening. EMBO Journal, 2003, 22, 1451-1460.	3.5	310
149	Type II Protein Secretion in Pseudomonas aeruginosa: the Pseudopilus Is a Multifibrillar and Adhesive Structure. Journal of Bacteriology, 2003, 185, 2749-2758.	1.0	144
150	A novel type II secretion system in Pseudomonas aeruginosa. Molecular Microbiology, 2002, 43, 475-485.	1.2	141
151	Identification of XcpP domains that confer functionality and specificity to the Pseudomonas aeruginosa type II secretion apparatus. Molecular Microbiology, 2002, 44, 1651-1665.	1.2	43
152	Involvement of the twin-arginine translocation system in protein secretion via the type II pathway. EMBO Journal, 2001, 20, 6735-6741.	3.5	234
153	The chaperone/usher pathways of Pseudomonas aeruginosa: Identification of fimbrial gene clusters (cup) and their involvement in biofilm formation. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 6911-6916.	3.3	283
154	Pseudomonas Aeruginosa Virulence Factors Delay Airway Epithelial Wound Repair by Altering the Actin Cytoskeleton and Inducing Overactivation of Epithelial Matrix Metalloproteinaseâ€“2. Laboratory Investigation, 2000, 80, 209-219.	1.7	70
155	Influence of Deletions within Domain II of Exotoxin A on Its Extracellular Secretion from Pseudomonas aeruginosa. Journal of Bacteriology, 2000, 182, 4051-4058.	1.0	45
156	Structure-Function Analysis of XcpP, a Component Involved in General Secretory Pathway-Dependent Protein Secretion in<i>Pseudomonas aeruginosa</i>. Journal of Bacteriology, 1999, 181, 4012-4019.	1.0	60
157	GSP-dependent protein secretion in Gram-negative bacteria: the Xcp system of<i>Pseudomonas aeruginosa</i>. FEMS Microbiology Reviews, 1998, 22, 177-198.	3.9	157
158	GSP-dependent protein secretion in Gram-negative bacteria: the Xcp system of Pseudomonas aeruginosa. FEMS Microbiology Reviews, 1998, 22, 177-198.	3.9	31
159	The secretion apparatus ofPseudomonas aeruginosa: identification of a fifth pseudopilin, XcpX (GspK) Tj ETQq1 1 0.784314 rgBT /Ov	1.2	83
160	Mutual stabilization of the XcpZ and XcpY components of the secretory apparatus in Pseudomonas aeruginosa. Microbiology (United Kingdom), 1998, 144, 3379-3386.	0.7	73
161	Membrane topology of three Xcp proteins involved in exoprotein transport by Pseudomonas aeruginosa. Journal of Bacteriology, 1996, 178, 4297-4300.	1.0	48
162	Characterization of type II protein secretion (xcp) genes in the plant growth-stimulatingPseudomonas putida, strain WCS358. Molecular Genetics and Genomics, 1996, 250, 491-504.	2.4	24

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163	Role of the propeptide in folding and secretion of elastase of Pseudomonas aeruginosa. Molecular Microbiology, 1996, 19, 297-306.	1.2	101
164	Characterization of type IV pilus genes in plant growth-promoting Pseudomonas putida WCS358. Journal of Bacteriology, 1994, 176, 642-650.	1.0	42
165	Xcpâ€mediated protein secretion in <i>Pseudomonas aeruginosa</i>: identification of two additional genes and evidence for regulation of <i>xcp</i> gene expression. Molecular Microbiology, 1993, 10, 431-443.	1.2	77
166	Protein secretion in Pseudomonas aeruginosa: characterization of seven xcp genes and processing of secretory apparatus components by prepilin peptidase. Molecular Microbiology, 1992, 6, 2745-2745.	1.2	1
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