Alain Filloux

List of Publications by Year
in descending order

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176	13,699	16450 64	26610 107
papers	citations	h-index	g-index

241	241	241	10262
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pel is a cationic exopolysaccharide that cross-links extracellular DNA in the Pseudomonas aeruginosa biofilm matrix. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11353-11358.	7.1	485
2	Biofilms and Cyclic di-GMP (c-di-GMP) Signaling: Lessons from Pseudomonas aeruginosa and Other Bacteria. Journal of Biological Chemistry, 2016, 291, 12547-12555.	3.4	476
3	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.	7.1	401
4	The bacterial type VI secretion machine: yet another player for protein transport across membranes. Microbiology (United Kingdom), 2008, 154, 1570-1583.	1.8	319
5	Virulence factors of the human opportunistic pathogen Serratia marcescens identified by in vivo screening. EMBO Journal, 2003, 22, 1451-1460.	7.8	310
6	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.	11.0	295
7	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.	7.1	283
8	Protein secretion systems in Pseudomonas aeruginosa: A wealth of pathogenic weapons. International Journal of Medical Microbiology, 2010, 300, 534-543.	3.6	282
9	A novel two-component system controls the expression of Pseudomonas aeruginosa fimbrial cup genes. Molecular Microbiology, 2004, 55, 368-380.	2.5	278
10	Direct interaction between sensor kinase proteins mediates acute and chronic disease phenotypes in a bacterial pathogen. Genes and Development, 2009, 23, 249-259.	5.9	272
11	The Pseudomonas aeruginosa sensor RetS switches Type III and Type VI secretion via câ€diâ€GMP signalling. Environmental Microbiology, 2011, 13, 3128-3138.	3.8	245
12	Type VI secretion and anti-host effectors. Current Opinion in Microbiology, 2016, 29, 81-93.	5.1	242
13	Involvement of the twin-arginine translocation system in protein secretion via the type II pathway. EMBO Journal, 2001, 20, 6735-6741.	7.8	234
14	The underlying mechanisms of type II protein secretion. Biochimica Et Biophysica Acta - Molecular Cell Research, 2004, 1694, 163-179.	4.1	232
15	The Pseudomonas putida T6SS is a plant warden against phytopathogens. ISME Journal, 2017, 11, 972-987.	9.8	232
16	Protein secretion in Pseudomonas aeruginosa: characterization of seven xcp genes and processing of secretory apparatus components by prepilin peptidase. Molecular Microbiology, 1992, 6, 1121-1131.	2.5	221
17	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.	1.8	212
18	Type VI secretion systems in plantâ€associated bacteria. Environmental Microbiology, 2018, 20, 1-15.	3.8	199

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19	Key twoâ€¢component regulatory systems that control biofilm formation in Pseudomonas aeruginosa. Environmental Microbiology, 2011, 13, 1666-1681.	3.8	191
20	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.	3.4	191
21	The VgrG Proteins Are â€œÃ la Carteâ€•Delivery Systems for Bacterial Type VI Effectors. Journal of Biological Chemistry, 2014, 289, 17872-17884.	3.4	185
22	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.	14.5	163
23	Protein Secretion Systems in Pseudomonas aeruginosa: An Essay on Diversity, Evolution, and Function. Frontiers in Microbiology, 2011, 2, 155.	3.5	160
24	GSP-dependent protein secretion in Gram-negative bacteria: the Xcp system ofPseudomonas aeruginosa. FEMS Microbiology Reviews, 1998, 22, 177-198.	8.6	157
25	Type VI Secretion System in Pseudomonas aeruginosa. Journal of Biological Chemistry, 2011, 286, 12317-12327.	3.4	150
26	RsmA and AmrZ orchestrate the assembly of all three type VI secretion systems in Pseudomonas aeruginosa. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7707-7712.	7.1	146
27	Type II Protein Secretion in Pseudomonas aeruginosa : the Pseudopilus Is a Multifibrillar and Adhesive Structure. Journal of Bacteriology, 2003, 185, 2749-2758.	2.2	144
28	The Pseudomonas aeruginosa Reference Strain PA14 Displays Increased Virulence Due to a Mutation in ladS. PLoS ONE, 2011, 6, e29113.	2.5	143
29	A novel type II secretion system in Pseudomonas aeruginosa. Molecular Microbiology, 2002, 43, 475-485.	2.5	141
30	Quorum Sensing Negatively Controls Type III Secretion Regulon Expression in Pseudomonas aeruginosa PAO1. Journal of Bacteriology, 2005, 187, 3898-3902.	2.2	140
31	Biofilm Formation in Pseudomonas aeruginosa : Fimbrial cup Gene Clusters Are Controlled by the Transcriptional Regulator MvaT. Journal of Bacteriology, 2004, 186, 2880-2890.	2.2	139
32	Regulatory RNAs and the HptB/RetS signalling pathways fine-tune Pseudomonas aeruginosa pathogenesis. Molecular Microbiology, 2010, 76, 1427-1443.	2.5	133
33	Lifestyle transitions and adaptive pathogenesis of Pseudomonas aeruginosa. Current Opinion in Microbiology, 2018, 41, 15-20.	5.1	132
34	A Cell-Free Biosensor for Detecting Quorum Sensing Molecules in P.Âaeruginosa-Infected Respiratory Samples. ACS Synthetic Biology, 2017, 6, 2293-2301.	3.8	130
35	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.	3.5	129
36	Protein secretion in gram-negative bacteria: transport across the outer membrane involves common mechanisms in different bacteria.. EMBO Journal, 1990, 9, 4323-4329.	7.8	123

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37	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.	4.1	121
38	The Pseudomonas aeruginosa 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.	7.1	118
39	Pseudomonas aeruginosainfection in cystic fibrosis: pathophysiological mechanisms and therapeutic approaches. Expert Review of Respiratory Medicine, 2016, 10, 685-697.	2.5	114
40	Role of the propeptide in folding and secretion of elastase of Pseudomonas aeruginosa. Molecular Microbiology, 1996, 19, 297-306.	2.5	101
41	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.	2.5	101
42	Multiple Roles of c-di-GMP Signaling in Bacterial Pathogenesis. Annual Review of Microbiology, 2019, 73, 387-406.	7.3	101
43	On the path to uncover the bacterial type II secretion system. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 1059-1072.	4.0	95
44	FppA, a Novel Pseudomonas aeruginosa Prepilin Peptidase Involved in Assembly of Type IVb Pili. Journal of Bacteriology, 2006, 188, 4851-4860.	2.2	90
45	A novel extracellular phospholipase C of Pseudomonas aeruginosa is required for phospholipid chemotaxis. Molecular Microbiology, 2004, 53, 1089-1098.	2.5	88
46	The Diguanylate Cyclase SadC Is a Central Player in Gac/Rsm-Mediated Biofilm Formation in Pseudomonas aeruginosa. Journal of Bacteriology, 2014, 196, 4081-4088.	2.2	88
47	Caenorhabditis elegans Semi-Automated Liquid Screen Reveals a Specialized Role for the Chemotaxis Gene cheB2 in Pseudomonas aeruginosa Virulence. PLoS Pathogens, 2009, 5, e1000540.	4.7	87
48	Protein secretion in Pseudomonas aeruginosa. FEMS Microbiology Letters, 1992, 103, 73-90.	1.8	86
49	Current and future therapies for Pseudomonas aeruginosa infection in patients with cystic fibrosis. FEMS Microbiology Letters, 2017, 364, .	1.8	85
50	The Pseudomonas aeruginosa patatinâ€like protein PlpD is the archetype of a novel Type V secretion system. Environmental Microbiology, 2010, 12, 1498-1512.	3.8	84
51	TssA forms a gp6â€like ring attached to the type <scp>VI</scp> secretion sheath. EMBO Journal, 2016, 35, 1613-1627.	7.8	84
52	The secretion apparatus ofPseudomonas aeruginosa: identification of a fifth pseudopilin, XcpX (GspK) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.5	83
53	Assembly of Fimbrial Structures in Pseudomonas aeruginosa : Functionality and Specificity of Chaperone-Usher Machineries. Journal of Bacteriology, 2007, 189, 3547-3555.	2.2	83
54	The Pseudomonas aeruginosa T6SS Delivers a Periplasmic Toxin that Disrupts Bacterial Cell Morphology. Cell Reports, 2019, 29, 187-201.e7.	6.4	82

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55	Increased airway glucose increases airway bacterial load in hyperglycaemia. Scientific Reports, 2016, 6, 27636.	3.3	79
56	Pseudomonas Methods and Protocols. Methods in Molecular Biology, 2014, 1149, v.	0.9	78
57	Xcpâ€mediated protein secretion in Pseudomonas aeruginosa: identification of two additional genes and evidence for regulation of xcp gene expression. Molecular Microbiology, 1993, 10, 431-443.	2.5	77
58	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.	3.4	77
59	Expression of Pseudomonas aeruginosa CupD Fimbrial Genes Is Antagonistically Controlled by RcsB and the EAL-Containing PvrR Response Regulators. PLoS ONE, 2009, 4, e6018.	2.5	76
60	Cloning of the Pseudomonas aeruginosa alkaline protease gene and secretion of the protease into the medium by Escherichia coli. Journal of Bacteriology, 1990, 172, 942-948.	2.2	74
61	Conservation of xcp genes, involved in the two-step protein secretion process, in different Pseudomonas species and other gram-negative bacteria. Molecular Genetics and Genomics, 1991, 229, 278-284.	2.4	73
62	Mutual stabilization of the XcpZ and XcpY components of the secretory apparatus in Pseudomonas aeruginosa. Microbiology (United Kingdom), 1998, 144, 3379-3386.	1.8	73
63	The PprAâ€“PprB twoâ€component system activates CupE, the first nonâ€archetypal Pseudomonas aeruginosa chaperoneâ€usher pathway system assembling fimbriae. Environmental Microbiology, 2011, 13, 666-683.	3.8	73
64	XcpX Controls Biogenesis of the Pseudomonas aeruginosa XcpT-containing Pseudopilus. Journal of Biological Chemistry, 2005, 280, 31378-31389.	3.4	72
65	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.	3.5	71
66	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.	3.7	70
67	Cross Talk between Type III Secretion and Flagellar Assembly Systems in Pseudomonas aeruginosa. Journal of Bacteriology, 2007, 189, 3124-3132.	2.2	70
68	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.	3.0	66
69	Organization and PprB-Dependent Control of the Pseudomonas aeruginosa tad Locus, Involved in Flp Pilus Biology. Journal of Bacteriology, 2009, 191, 1961-1973.	2.2	65
70	HxcQ Liposecretin Is Self-piloted to the Outer Membrane by Its N-terminal Lipid Anchor. Journal of Biological Chemistry, 2009, 284, 33815-33823.	3.4	64
71	Cyclic-di-GMP regulates lipopolysaccharide modification and contributes to Pseudomonas aeruginosa immune evasion. Nature Microbiology, 2017, 2, 17027.	13.3	61
72	Rapid detection of colistin resistance in Acinetobacter baumannii using MALDI-TOF-based lipidomics on intact bacteria. Scientific Reports, 2018, 8, 16910.	3.3	61

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73	Phosphate regulation in Pseudomonas aeruginosa: Cloning of the alkaline phosphatase gene and identification of phoB- and phoR-like genes. Molecular Genetics and Genomics, 1988, 212, 510-513.	2.4	60
74	Secretion of extracellular proteins by Pseudomonas aeruginosa. Biochimie, 1990, 72, 147-156.	2.6	60
75	A broad range quorum sensing inhibitor working through sRNA inhibition. Scientific Reports, 2017, 7, 9857.	3.3	60
76	Structure-Function Analysis of XcpP, a Component Involved in General Secretory Pathway-Dependent Protein Secretion inPseudomonas aeruginosa. Journal of Bacteriology, 1999, 181, 4012-4019.	2.2	60
77	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.	2.2	59
78	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.	2.2	59
79	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.	3.4	58
80	Protein secretion in gram-negative bacteria: transport across the outer membrane involves common mechanisms in different bacteria. EMBO Journal, 1990, 9, 4323-9.	7.8	58
81	Twoâ€component regulatory systems in Pseudomonas aeruginosa: an intricate network mediating fimbrial and efflux pump gene expression. Molecular Microbiology, 2011, 79, 1353-1366.	2.5	57
82	The Diguanylate Cyclase HsbD Intersects with the HptB Regulatory Cascade to Control Pseudomonas aeruginosa Biofilm and Motility. PLoS Genetics, 2016, 12, e1006354.	3.5	57
83	Chemical Analysis of Cellular and Extracellular Carbohydrates of a Biofilm-Forming Strain Pseudomonas aeruginosa PA14. PLoS ONE, 2010, 5, e14220.	2.5	56
84	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.	1.8	52
85	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.	3.4	50
86	Membrane topology of three Xcp proteins involved in exoprotein transport by Pseudomonas aeruginosa. Journal of Bacteriology, 1996, 178, 4297-4300.	2.2	48
87	The type VI secretion system: a tubular story. EMBO Journal, 2009, 28, 309-310.	7.8	48
88	Pore-forming activity of the Pseudomonas aeruginosa type III secretion system translocon alters the host epigenome. Nature Microbiology, 2018, 3, 378-386.	13.3	47
89	Delivery of the Pseudomonas aeruginosa Phospholipase Effectors PldA and PldB in a VgrG- and H2-T6SS-Dependent Manner. Frontiers in Microbiology, 2019, 10, 1718.	3.5	47
90	The Cyst-Dividing Bacterium Ramlibacter tataouinensis TTB310 Genome Reveals a Well-Stocked Toolbox for Adaptation to a Desert Environment. PLoS ONE, 2011, 6, e23784.	2.5	47

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91	Direct detection of lipid A on intact Gram-negative bacteria by MALDI-TOF mass spectrometry. Journal of Microbiological Methods, 2016, 120, 68-71.	1.6	46
92	The pangenome of (Antarctic) Pseudoalteromonas bacteria: evolutionary and functional insights. BMC Genomics, 2017, 18, 93.	2.8	46
93	Influence of Deletions within Domain II of Exotoxin A on Its Extracellular Secretion from Pseudomonas aeruginosa. Journal of Bacteriology, 2000, 182, 4051-4058.	2.2	45
94	Causalities of war: The connection between type VI secretion system and microbiota. Cellular Microbiology, 2020, 22, e13153.	2.1	45
95	Cloning of xcp genes located at the 55 min region of the chromosome and involved in protein secretion in Pseudomonas aeruginosa. Molecular Microbiology, 1989, 3, 261-265.	2.5	44
96	Identification of XcpP domains that confer functionality and specificity to the Pseudomonas aeruginosa type II secretion apparatus. Molecular Microbiology, 2002, 44, 1651-1665.	2.5	43
97	Characterization of type IV pilus genes in plant growth-promoting Pseudomonas putida WCS358. Journal of Bacteriology, 1994, 176, 642-650.	2.2	42
98	Subinhibitory Concentration of Kanamycin Induces the Pseudomonas aeruginosa type VI Secretion System. PLoS ONE, 2013, 8, e81132.	2.5	41
99	Characterization of twoPseudomonas aeruginosamutants with defective secretion of extracellular proteins and comparison with other mutants. FEMS Microbiology Letters, 1987, 40, 159-163.	1.8	40
100	Interaction domains in the Pseudomonas aeruginosa type II secretory apparatus component XcpS (GspF). Microbiology (United Kingdom), 2007, 153, 1582-1592.	1.8	40
101	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.	3.4	40
102	Distinct oligomeric forms of thePseudomonas aeruginosaRetS sensor domain modulate accessibility to the ligand binding site. Environmental Microbiology, 2010, 12, 1775-1786.	3.8	39
103	Detection of Colistin Resistance in Escherichia coli by Use of the MALDI Biotyper Sirius Mass Spectrometry System. Journal of Clinical Microbiology, 2019, 57, .	3.9	38
104	PAAR proteins act as the â€˜sorting hatâ€™ of the type VI secretion system. Microbiology (United Kingdom), 2019, 165, 1203-1218.	1.8	38
105	Secretion Signal and Protein Targeting in Bacteria: a Biological Puzzle. Journal of Bacteriology, 2010, 192, 3847-3849.	2.2	35
106	A Visual Assay to Monitor T6SS-mediated Bacterial Competition. Journal of Visualized Experiments, 2013, , e50103.	0.3	35
107	The pathogenicity island encoded <scp>PvrSR</scp>/<scp>RcsCB</scp> regulatory network controls biofilm formation and dispersal in <scp>P</scp>seudomonas aeruginosaâ€…<scp>PA</scp>14. Molecular Microbiology, 2013, 89, 450-463.	2.5	35
108	Subcomplexes from the Xcp secretion system ofPseudomonas aeruginosa. FEMS Microbiology Letters, 2005, 252, 43-50.	1.8	33

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109	PelC is a Pseudomonas aeruginosa outer membrane lipoprotein of the OMA family of proteins involved in exopolysaccharide transport. Biochimie, 2007, 89, 903-915.	2.6	33
110	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.	3.0	33
111	GSP-dependent protein secretion in Gram-negative bacteria: the Xcp system of Pseudomonas aeruginosa. FEMS Microbiology Reviews, 1998, 22, 177-198.	8.6	31
112	The â€˜P-usherâ€™, a novel protein transporter involved in fimbrial assembly and TpsA secretion. EMBO Journal, 2008, 27, 2669-2680.	7.8	31
113	Diguanylate cyclase <scp>D</scp>gc<scp>P</scp> is involved in plant and human <scp>P</scp>seudomonas spp. infections. Environmental Microbiology, 2015, 17, 4332-4351.	3.8	31
114	A Pseudomonas aeruginosaÂ<scp>TIR</scp> effector mediates immune evasion by targetingÂ<scp>UBAP</scp>1 and <scp>TLR</scp> adaptors. EMBO Journal, 2017, 36, 1869-1887.	7.8	31
115	An rhs 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.	2.2	30
116	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.	13.3	30
117	Structure of thePseudomonas aeruginosa XcpT pseudopilin, a major component of the type II secretion system. Journal of Structural Biology, 2010, 169, 75-80.	2.8	29
118	Probing the internal micromechanical properties of Pseudomonas aeruginosa biofilms by Brillouin imaging. Npj Biofilms and Microbiomes, 2017, 3, 20.	6.4	29
119	Atomic Structure of Type VI Contractile Sheath from Pseudomonas aeruginosa. Structure, 2018, 26, 329-336.e3.	3.3	29
120	Shigella -Induced Emergency Granulopoiesis Protects Zebrafish Larvae from Secondary Infection. MBio, 2018, 9, .	4.1	28
121	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, .	7.1	28
122	A Variety of Bacterial Pili Involved in Horizontal Gene Transfer. Journal of Bacteriology, 2010, 192, 3243-3245.	2.2	27
123	Characterization of a novel Zn2+-dependent intrinsic imipenemase from Pseudomonas aeruginosa. Journal of Antimicrobial Chemotherapy, 2014, 69, 2972-2978.	3.0	26
124	Complete Genome Sequence of Pseudomonas aeruginosa Reference Strain PAK. Microbiology Resource Announcements, 2019, 8, .	0.6	26
125	The rise of the Type VI secretion system. F1000prime Reports, 2013, 5, 52.	5.9	26
126	Methods for Studying Biofilm Dispersal in Pseudomonas aeruginosa. Methods in Molecular Biology, 2014, 1149, 643-651.	0.9	25

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127	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
128	Importance of flagella in acute and chronic Pseudomonas aeruginosa infections. Environmental Microbiology, 2019, 21, 883-897.	3.8	23
129	The archetype <scp>P</scp>seudomonas aeruginosa 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.	2.5	22
130	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.	3.5	22
131	The Breadth and Molecular Basis of Hcp-Driven Type VI Secretion System Effector Delivery. MBio, 2021, 12, e0026221.	4.1	22
132	Type II-dependent secretion of a Pseudomonas aeruginosa DING protein. Research in Microbiology, 2012, 163, 457-469.	2.1	20
133	Visualizing Antimicrobials in Bacterial Biofilms: Three-Dimensional Biochemical Imaging Using TOF-SIMS. MSphere, 2017, 2, .	2.9	20
134	The Assembly Mode of the Pseudopilus. Journal of Biological Chemistry, 2011, 286, 24407-24416.	3.4	19
135	Site-Directed Mutagenesis and Gene Deletion Using Reverse Genetics. Methods in Molecular Biology, 2014, 1149, 521-539.	0.9	19
136	Bacterial protein secretion systems: Game of types. Microbiology (United Kingdom), 2022, 168, .	1.8	19
137	Manipulating the type VI secretion system spike to shuttle passenger proteins. PLoS ONE, 2020, 15, e0228941.	2.5	18
138	Dual role of a (p)ppGppâ€•and (p)ppAppâ€degrading enzyme in biofilm formation and interbacterial antagonism. Molecular Microbiology, 2021, 115, 1339-1356.	2.5	18
139	Editorial. FEMS Microbiology Reviews, 2015, 39, 1-1.	8.6	17
140	A global genomic approach uncovers novel components for twitching motility-mediated biofilm expansion in Pseudomonas aeruginosa. Microbial Genomics, 2018, 4, .	2.0	17
141	The C-terminal amphipathic Î±-helix of Pseudomonas aeruginosa PelC outer membrane protein is required for its function. Biochimie, 2010, 92, 33-40.	2.6	16
142	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.	0.9	15
143	Cyclic diâ€GMP inactivates T6SS and T4SS activity in Agrobacterium tumefaciens. Molecular Microbiology, 2019, 112, 632-648.	2.5	15
144	Multiple Structures Disclose the Secretins' Secrets. Journal of Bacteriology, 2018, 200, .	2.2	14

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145	Biofilms 2018: a Diversity of Microbes and Mechanisms. Journal of Bacteriology, 2019, 201, .	2.2	14
146	Structure of ATP synthase from ESKAPE pathogen Acinetobacter baumannii. Science Advances, 2022, 8, eabl5966.	10.3	14
147	Genome-scale phylogenetic and DNA composition analyses of Antarctic Pseudoalteromonas bacteria reveal inconsistencies in current taxonomic affiliation. Hydrobiologia, 2015, 761, 85-95.	2.0	13
148	RpoN/Sfa2-dependent activation of the Pseudomonas aeruginosa H2-T6SS and its cognate arsenal of antibacterial toxins. Nucleic Acids Research, 2022, 50, 227-243.	14.5	13
149	Detection of Colistin Resistance in Salmonella enterica Using MALDIxin Test on the Routine MALDI Biotyper Sirius Mass Spectrometer. Frontiers in Microbiology, 2020, 11, 1141.	3.5	12
150	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.	3.5	12
151	Role of Recipient Susceptibility Factors During Contact-Dependent Interbacterial Competition. Frontiers in Microbiology, 2020, 11, 603652.	3.5	11
152	Structural and Functional Characterization of Pseudomonas aeruginosa CupB Chaperones. PLoS ONE, 2011, 6, e16583.	2.5	10
153	A weapon for bacterial warfare. Nature, 2013, 500, 284-285.	27.8	10
154	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.	3.9	10
155	Fimbrial Genes in Pseudomonas aeruginosa and Pseudomonas putida. , 2004, , 721-748.		10
156	Structural biology: Baseplates in contractile machines. Nature Microbiology, 2016, 1, 16104.	13.3	8
157	Editorial: The many wonders of the bacterial cell surface. FEMS Microbiology Reviews, 2016, 40, 161-163.	8.6	8
158	Two-Component Signal Transduction Systems: A Key to the Adaptative Potential of Pseudomonas Aeruginosa. , 2004, , 257-288.		7
159	The Pseudomonas aeruginosa whole genome sequence: A 20th anniversary celebration. Advances in Microbial Physiology, 2021, 79, 25-88.	2.4	7
160	Structureâ€"function analysis reveals that the Pseudomonas aeruginosa Tps4 twoâ€partner secretion system is involved in CupB5 translocation. Protein Science, 2015, 24, 670-687.	7.6	6
161	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.	2.3	5
162	News and views on protein secretion systems. , 2015, , 77-108.		4

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163	Chronic infection by controlling inflammation. Nature Microbiology, 2019, 4, 378-379.	13.3	4
164	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.	0.7	3
165	A Method to Capture Large DNA Fragments from Genomic DNA. Methods in Molecular Biology, 2014, 1149, 491-500.	0.9	2
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.	2.5	1
167	The Pseudomonas aeruginosa sensor RetS switches Type III and Type VI secretion via câ€diâ€GMP signalling. Environmental Microbiology, 2012, 14, 1088-1089.	3.8	1
168	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.	7.1	1
169	Professor Dieter Haas (1945â€“2017). FEMS Microbiology Reviews, 2017, 41, 597-598.	8.6	1
170	Looking inside an injection system. ELife, 2019, 8, .	6.0	1
171	Editorial. FEMS Microbiology Reviews, 2013, 37, 111-111.	8.6	0
172	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.	0.7	0
173	90 Using cell-free biosensors to monitor Pseudomonas aeruginosa infection in cystic fibrosis sputum. Journal of Cystic Fibrosis, 2017, 16, S87-S88.	0.7	0
174	Gene Amplification and qRT-PCR. Methods in Molecular Biology, 2014, 1149, 457-468.	0.9	0
175	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
176	The Type VI Secretion System of Pseudomonas aeruginosa: a gun loaded with antimicrobial bullets. Access Microbiology, 2020, 2, .	0.5	0