

Pierre Cornelis

List of Publications by Year in descending order

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134
papers

9,820
citations

41627

51
h-index

45040

94
g-index

137
all docs

137
docs citations

137
times ranked

10130
citing authors

#	ARTICLE	IF	CITATIONS
1	High affinity iron uptake by pyoverdine in <i>Pseudomonas aeruginosa</i> involves multiple regulators besides Fur, PvdS, and FpvI. <i>BioMetals</i> , 2023, 36, 255-261.	1.8	8
2	<i>Pseudomonas aeruginosa</i> Biofilm Dispersion by the Human Atrial Natriuretic Peptide. <i>Advanced Science</i> , 2022, 9, e2103262.	5.6	20
3	Putting an end to the <i>Pseudomonas aeruginosa</i> IQS controversy. <i>MicrobiologyOpen</i> , 2020, 9, e962.	1.2	30
4	Tackling <i>Pseudomonas aeruginosa</i> Virulence by Mulinane-Like Diterpenoids from <i>Azorella atacamensis</i> . <i>Biomolecules</i> , 2020, 10, 1626.	1.8	11
5	Traditional Chinese Medicine Tanreqing Inhibits Quorum Sensing Systems in <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 517462.	1.5	12
6	The Temperature-Regulation of <i>Pseudomonas aeruginosa</i> cmaX-cfrX-cmpX Operon Reveals an Intriguing Molecular Network Involving the Sigma Factors AlgU and SigX. <i>Frontiers in Microbiology</i> , 2020, 11, 579495.	1.5	13
7	Activation of the Cell Wall Stress Response in <i>Pseudomonas aeruginosa</i> Infected by a Pf4 Phage Variant. <i>Microorganisms</i> , 2020, 8, 1700.	1.6	12
8	The events that may contribute to subgingival dysbiosis: a focus on the interplay between iron, sulfide and oxygen. <i>FEMS Microbiology Letters</i> , 2020, 367, .	0.7	7
9	Membrane-Interactive Compounds From <i>Pistacia lentiscus</i> L. Thwart <i>Pseudomonas aeruginosa</i> Virulence. <i>Frontiers in Microbiology</i> , 2020, 11, 1068.	1.5	30
10	Extracellular DNA release, quorum sensing, and PrrF1/F2 small RNAs are key players in <i>Pseudomonas aeruginosa</i> tobramycin-enhanced biofilm formation. <i>Npj Biofilms and Microbiomes</i> , 2019, 5, 15.	2.9	61
11	Host Peptidic Hormones Affecting Bacterial Biofilm Formation and Virulence. <i>Journal of Innate Immunity</i> , 2019, 11, 227-241.	1.8	34
12	Extracytoplasmic function sigma factors in <i>Pseudomonas aeruginosa</i> . <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019, 1862, 706-721.	0.9	61
13	Community-led comparative genomic and phenotypic analysis of the aquaculture pathogen <i>Pseudomonas baetica</i> a390T sequenced by Ion semiconductor and Nanopore technologies. <i>FEMS Microbiology Letters</i> , 2018, 365, .	0.7	17
14	Intrapulmonary percussive ventilation improves lung function in cystic fibrosis patients chronically colonized with <i>Pseudomonas aeruginosa</i> : a pilot cross-over study. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 1143-1151.	1.3	11
15	The absence of SigX results in impaired carbon metabolism and membrane fluidity in <i>Pseudomonas aeruginosa</i> . <i>Scientific Reports</i> , 2018, 8, 17212.	1.6	24
16	The aliphatic amidase AmiE is involved in regulation of <i>Pseudomonas aeruginosa</i> virulence. <i>Scientific Reports</i> , 2017, 7, 41178.	1.6	22
17	Structure, function and regulation of <i>Pseudomonas aeruginosa</i> porins. <i>FEMS Microbiology Reviews</i> , 2017, 41, 698-722.	3.9	257
18	Effect of Shear Stress on <i>Pseudomonas aeruginosa</i> Isolated from the Cystic Fibrosis Lung. <i>MBio</i> , 2016, 7, .	1.8	23

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19	Identification and functional analysis of a bacteriocin, pyocin S6, with ribonuclease activity from a <i>Pseudomonas aeruginosa</i> cystic fibrosis clinical isolate. <i>MicrobiologyOpen</i> , 2016, 5, 413-423.	1.2	31
20	Capture of endogenously biotinylated proteins from <i>Pseudomonas aeruginosa</i> displays unexpected downregulation of LiuD upon iron nutrition. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3330-3335.	1.4	1
21	Expression of the translocator protein (TSPO) from <i>Pseudomonas fluorescens</i> Pf0-1 requires the stress regulatory sigma factors AlgU and RpoH. <i>Frontiers in Microbiology</i> , 2015, 6, 1023.	1.5	18
22	Antibacterial activity and mutagenesis of sponge-associated <i>Pseudomonas fluorescens</i> H41. <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 117-126.	0.7	4
23	<i>Pseudomonas aeruginosa</i> LysR PA4203 Regulator NmoR Acts as a Repressor of the PA4202 <i>nmoA</i> Gene, Encoding a Nitronate Monooxygenase. <i>Journal of Bacteriology</i> , 2015, 197, 1026-1039.	1.0	9
24	Low Structural Variation in the Host-Defense Peptide Repertoire of the Dwarf Clawed Frog <i>Hymenochirus boettgeri</i> (Pipidae). <i>PLoS ONE</i> , 2014, 9, e86339.	1.1	11
25	Structure Revision of N-Mercapto-4-formylcarbostyryl Produced by <i>Pseudomonas fluorescens</i> G308 to 2-(2-Hydroxyphenyl)thiazole-4-carbaldehyde [aeruginaldehyde]. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.2	18
26	O serotype-independent susceptibility of <i>Pseudomonas aeruginosa</i> to lectin-like pyocins. <i>MicrobiologyOpen</i> , 2014, 3, 875-884.	1.2	18
27	The Combined Structural and Kinetic Characterization of a Bacterial Nitronate Monooxygenase from <i>Pseudomonas aeruginosa</i> PAO1 Establishes NMO Class I and II. <i>Journal of Biological Chemistry</i> , 2014, 289, 23764-23775.	1.6	32
28	The deletion of TonB-dependent receptor genes is part of the genome reduction process that occurs during adaptation of <i>Pseudomonas aeruginosa</i> to the cystic fibrosis lung. <i>Pathogens and Disease</i> , 2014, 71, 26-38.	0.8	32
29	Pore-forming pyocin S5 utilizes the FptA ferripyochelin receptor to kill <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2014, 160, 261-269.	0.7	48
30	Analysis of the draft genome of <i>Pseudomonas fluorescens</i> ATCC17400 indicates a capacity to take up iron from a wide range of sources, including different exogenous pyoverdines. <i>BioMetals</i> , 2014, 27, 633-644.	1.8	10
31	Antimicrobial properties of <i>Pseudomonas</i> strains producing the antibiotic mupirocin. <i>Research in Microbiology</i> , 2014, 165, 695-704.	1.0	26
32	Draft Genome Sequence Analysis of a <i>Pseudomonas putida</i> W15Oct28 Strain with Antagonistic Activity to Gram-Positive and <i>Pseudomonas</i> sp. <i>Pathogens</i> . <i>PLoS ONE</i> , 2014, 9, e110038.	1.1	25
33	Structure revision of N-mercapto-4-formylcarbostyryl produced by <i>Pseudomonas fluorescens</i> G308 to 2-(2-hydroxyphenyl)thiazole-4-carbaldehyde [aeruginaldehyde]. <i>Natural Product Communications</i> , 2014, 9, 789-94.	0.2	29
34	A combinatorial approach to the structure elucidation of a pyoverdine siderophore produced by a <i>Pseudomonas putida</i> isolate and the use of pyoverdine as a taxonomic marker for typing <i>P. putida</i> subspecies. <i>BioMetals</i> , 2013, 26, 561-575.	1.8	18
35	Evaluation of <i>oprI</i> and <i>oprL</i> genes as molecular markers for the genus <i>Pseudomonas</i> and their use in studying the biodiversity of a small Belgian River. <i>Research in Microbiology</i> , 2013, 164, 254-261.	1.0	30
36	Identification of a metagenomic gene cluster containing a new class A beta-lactamase and toxin-antitoxin systems. <i>MicrobiologyOpen</i> , 2013, 2, 674-683.	1.2	10

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37	<i>Pseudomonas aeruginosa</i> adapts its iron uptake strategies in function of the type of infections. <i>Frontiers in Cellular and Infection Microbiology</i> , 2013, 3, 75.	1.8	295
38	Control of Iron Metabolism in Bacteria. <i>Metal Ions in Life Sciences</i> , 2013, 12, 203-239.	2.8	45
39	Iron Transport Systems and Iron Homeostasis in <i>Pseudomonas</i> . <i>Springer Briefs in Molecular Science</i> , 2013, , 67-89.	0.1	5
40	Ferrous Iron Is a Significant Component of Bioavailable Iron in Cystic Fibrosis Airways. <i>MBio</i> , 2013, 4, .	1.8	147
41	Iron competition in fungus-plant interactions. <i>Plant Signaling and Behavior</i> , 2013, 8, e23012.	1.2	9
42	The Extra-Cytoplasmic Function Sigma Factor SigX Modulates Biofilm and Virulence-Related Properties in <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2013, 8, e80407.	1.1	60
43	Global regulation of gene expression by OxyR in an important human opportunistic pathogen. <i>Nucleic Acids Research</i> , 2012, 40, 4320-4333.	6.5	189
44	HapX-Mediated Iron Homeostasis Is Essential for Rhizosphere Competence and Virulence of the Soilborne Pathogen <i>Fusarium oxysporum</i> . <i>Plant Cell</i> , 2012, 24, 3805-3822.	3.1	138
45	A new cloning system based on the OprL lipoprotein for the production of recombinant bacterial cell wall-derived immunogenic formulations. <i>Journal of Biotechnology</i> , 2012, 157, 50-63.	1.9	30
46	Aerobic Denitration of 2,4,6-Trinitrotoluene in the Presence of Phenazine Compounds and Reduced Pyridine Nucleotides. <i>Environmental Science & Technology</i> , 2012, 46, 10605-10613.	4.6	24
47	Differential proteomics and physiology of <i>Pseudomonas putida</i> KT2440 under filament-inducing conditions. <i>BMC Microbiology</i> , 2012, 12, 282.	1.3	19
48	The soluble pyocins <i>S2</i> and <i>S4</i> from <i>Pseudomonas aeruginosa</i> bind to the same <i>FpvAI</i> receptor. <i>MicrobiologyOpen</i> , 2012, 1, 268-275.	1.2	51
49	Identification of a five-oxidoreductase gene cluster from <i>Acetobacter pasteurianus</i> conferring ethanol-dependent acidification in <i>Escherichia coli</i> . <i>MicrobiologyOpen</i> , 2012, 1, 25-32.	1.2	5
50	<i>Pseudomonas aeruginosa</i> fosfomycin resistance mechanisms affect non-inherited fluoroquinolone tolerance. <i>Journal of Medical Microbiology</i> , 2011, 60, 329-336.	0.7	33
51	Antimicrobial resistance of heterotrophic bacteria in sewage-contaminated rivers. <i>Water Research</i> , 2011, 45, 788-796.	5.3	62
52	Iron homeostasis and management of oxidative stress response in bacteria. <i>Metallomics</i> , 2011, 3, 540.	1.0	263
53	Phenotypic and Genome-Wide Analysis of an Antibiotic-Resistant Small Colony Variant (SCV) of <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2011, 6, e29276.	1.1	81
54	Promysalin, a Salicylate-Containing <i>Pseudomonas putida</i> Antibiotic, Promotes Surface Colonization and Selectively Targets Other <i>Pseudomonas</i> . <i>Chemistry and Biology</i> , 2011, 18, 1320-1330.	6.2	53

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55	A proteome analysis of the response of a <i>Pseudomonas aeruginosa</i> oxyR mutant to iron limitation. <i>BioMetals</i> , 2011, 24, 523-532.	1.8	18
56	Peculiarities of the regulation of the <i>Brucella</i> flagellum. <i>Microbiology (United Kingdom)</i> , 2011, 157, 1251-1252.	0.7	3
57	Iron uptake and metabolism in pseudomonads. <i>Applied Microbiology and Biotechnology</i> , 2010, 86, 1637-1645.	1.7	358
58	Diversity of the total bacterial community associated with Ghanaian and Brazilian cocoa bean fermentation samples as revealed by a 16 S rRNA gene clone library. <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 2281-2292.	1.7	80
59	Response of <i>Pseudomonas aeruginosa</i> PAO1 to low shear modelled microgravity involves AlgU regulation. <i>Environmental Microbiology</i> , 2010, 12, 1545-1564.	1.8	95
60	The <i>Pseudomonas aeruginosa</i> oxidative stress regulator OxyR influences production of pyocyanin and rhamnolipids: protective role of pyocyanin. <i>Microbiology (United Kingdom)</i> , 2010, 156, 678-686.	0.7	80
61	Genome-wide analysis and literature-based survey of lipoproteins in <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2010, 156, 2597-2607.	0.7	42
62	Hydrophobic Surface Patches on LolA of <i>Pseudomonas aeruginosa</i> Are Essential for Lipoprotein Binding. <i>Journal of Molecular Biology</i> , 2010, 401, 921-930.	2.0	34
63	<i>Pseudomonas aeruginosa</i> Population Structure Revisited. <i>PLoS ONE</i> , 2009, 4, e7740.	1.1	223
64	Genetic and physical map of broad host range cosmid pRG930cm. <i>Electronic Journal of Biotechnology</i> , 2009, 12, 0-0.	1.2	2
65	Iron uptake regulation in <i>Pseudomonas aeruginosa</i> . <i>BioMetals</i> , 2009, 22, 15-22.	1.8	184
66	The adsorption of <i>Pseudomonas aeruginosa</i> bacteriophage Φ KM1 is dependent on expression regulation of type IV pili genes. <i>FEMS Microbiology Letters</i> , 2009, 296, 210-218.	0.7	46
67	Distribution and evolution of ferripyoverdine receptors in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2009, 11, 2123-2135.	1.8	54
68	Use of non-porous pillar array columns for the separation of <i>Pseudomonas</i> pyoverdine siderophores as an example of a real-world biological sample. <i>Journal of Chromatography A</i> , 2009, 1216, 8603-8611.	1.8	11
69	Denitration of 2,4,6-Trinitrotoluene in Aqueous Solutions Using Small-Molecular-Weight Catalyst(s) Secreted by <i>Pseudomonas aeruginosa</i> ESA-5. <i>Environmental Science & Technology</i> , 2009, 43, 2011-2017.	4.6	22
70	A survey of TonB-dependent receptors in fluorescent pseudomonads. <i>Environmental Microbiology Reports</i> , 2009, 1, 256-262.	1.0	73
71	Siderophore-mediated iron acquisition in the entomopathogenic bacterium <i>Pseudomonas entomophila</i> L48 and its close relative <i>Pseudomonas putida</i> KT2440. <i>BioMetals</i> , 2009, 22, 951-964.	1.8	77
72	Shielding, a new pathogen defence mechanism against PMNs. <i>Microbiology (United Kingdom)</i> , 2009, 155, 3474-3475.	0.7	4

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73	Characterization of the amylovorin locus of <i>Lactobacillus amylovorus</i> DCE 471, producer of a bacteriocin active against <i>Pseudomonas aeruginosa</i> , in combination with colistin and pyocins. FEMS Microbiology Letters, 2008, 286, 199-206.	0.7	11
74	Loss of the oxidative stress regulator OxyR in <i>Pseudomonas aeruginosa</i> PAO1 impairs growth under iron-limited conditions. FEMS Microbiology Letters, 2008, 288, 258-265.	0.7	32
75	Use of the rotating wall vessel technology to study the effect of shear stress on growth behaviour of <i>Pseudomonas aeruginosa</i> PAO1. Environmental Microbiology, 2008, 10, 2098-2110.	1.8	105
76	The "core" and "accessory" regulons of <i>Pseudomonas</i> -specific extracytoplasmic sigma factors. Molecular Microbiology, 2008, 68, 810-812.	1.2	6
77	The Neglected Intrinsic Resistome of Bacterial Pathogens. PLoS ONE, 2008, 3, e1619.	1.1	257
78	The PA4204 gene encodes a periplasmic gluconolactonase (PpgL) which is important for fitness of <i>Pseudomonas aeruginosa</i> . Microbiology (United Kingdom), 2008, 154, 2979-2990.	0.7	21
79	Detecting cis-regulatory binding sites for cooperatively binding proteins. Nucleic Acids Research, 2008, 36, e46-e46.	6.5	21
80	Multiple phenotypic alterations caused by a c-type cytochrome maturation ccmC gene mutation in <i>Pseudomonas aeruginosa</i> . Microbiology (United Kingdom), 2008, 154, 127-138.	0.7	11
81	Unexpected Interaction of a Siderophore with Aluminum and Its Receptor. Journal of Bacteriology, 2008, 190, 6541-6543.	1.0	14
82	Ornicorrugatin, a New Siderophore from <i>Pseudomonas fluorescens</i> AF76. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2008, 63, 8-12.	0.6	36
83	<i>Pseudomonas</i> Siderophores and their Biological Significance. , 2007, , 193-203.		18
84	Pyocin S2 (Sa) Kills <i>Pseudomonas aeruginosa</i> Strains via the FpvA Type I Ferripyoverdine Receptor. Journal of Bacteriology, 2007, 189, 7663-7668.	1.0	77
85	The <i>Pseudomonas aeruginosa</i> 4-Quinolone Signal Molecules HHQ and PQS Play Multifunctional Roles in Quorum Sensing and Iron Entrapment. Chemistry and Biology, 2007, 14, 87-96.	6.2	445
86	Thioquinolobactin, a <i>Pseudomonas</i> siderophore with antifungal and anti- <i>Pythium</i> activity. Environmental Microbiology, 2007, 9, 425-434.	1.8	122
87	Characterization of the chromophores of pyoverdins and related siderophores by electrospray tandem mass spectrometry. BioMetals, 2007, 20, 135-144.	1.8	48
88	4-Quinolone signalling in <i>Pseudomonas aeruginosa</i> : Old molecules, new perspectives. International Journal of Medical Microbiology, 2006, 296, 83-91.	1.5	269
89	The SlyB outer membrane lipoprotein of <i>Burkholderia multivorans</i> contributes to membrane integrity. Research in Microbiology, 2006, 157, 582-592.	1.0	38
90	Resistance to vanadium in <i>Pseudomonas fluorescens</i> ATCC 17400 caused by mutations in TCA cycle enzymes. FEMS Microbiology Letters, 2006, 264, 59-64.	0.7	12

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91	Identical Burkholderia cepacia complex strain types isolated from multiple patients attending a hospital in Brazil. Journal of Medical Microbiology, 2006, 55, 247-249.	0.7	4
92	The Pseudomonas aeruginosa pirAgene encodes a second receptor for ferrienterobactin and synthetic catecholate analogues. FEMS Microbiology Letters, 2005, 246, 167-174.	0.7	92
93	Global Pseudomonas aeruginosa biodiversity as reflected in a Belgian river. Environmental Microbiology, 2005, 7, 969-980.	1.8	149
94	Impact of the bacterial type I cytochrome <i>c</i> maturation system on different biological processes. Molecular Microbiology, 2005, 56, 1408-1415.	1.2	49
95	Pyocyanin Production by <i>Pseudomonas aeruginosa</i> Induces Neutrophil Apoptosis and Impairs Neutrophil-Mediated Host Defenses In Vivo. Journal of Immunology, 2005, 174, 3643-3649.	0.4	219
96	Pyoverdine Receptor: a Case of Positive Darwinian Selection in Pseudomonas aeruginosa. Journal of Bacteriology, 2005, 187, 3289-3292.	1.0	35
97	The MexGHI-OpmD multidrug efflux pump controls growth, antibiotic susceptibility and virulence in Pseudomonas aeruginosa via 4-quinolone-dependent cell-to-cell communication. Microbiology (United Kingdom), 2005, 151, 1113-1125.	0.7	204
98	A new regulator linking quorum sensing and iron uptake in Pseudomonas aeruginosa. Microbiology (United Kingdom), 2004, 150, 752-756.	0.7	37
99	FpvB, an alternative type I ferripyoverdine receptor of Pseudomonas aeruginosa. Microbiology (United Kingdom), 2004, 150, 752-756.	0.7	37
100	Conservation of the opcl gene encoding the peptidoglycan-associated outer-membrane lipoprotein among representatives of the Burkholderia cepacia complex. Journal of Medical Microbiology, 2004, 53, 389-398.	0.7	12
101	The Pseudomonas siderophore quinolobactin is synthesized from xanthurenic acid, an intermediate of the kynurenine pathway. Molecular Microbiology, 2004, 52, 371-384.	1.2	98
102	Identification of type II and type III pyoverdine receptors from Pseudomonas aeruginosa. Microbiology (United Kingdom), 2003, 149, 821-831.	0.7	90
103	A new mini-transposon for in vivo protein epitope tagging: application to Burkholderia multivorans. Research in Microbiology, 2003, 154, 451-455.	1.0	2
104	Genomics of pyoverdine-mediated iron uptake in pseudomonads. Trends in Microbiology, 2003, 11, 195-200.	3.5	225
105	Molecular Epidemiology of Pseudomonas aeruginosa Colonization in a Burn Unit: Persistence of a Multidrug-Resistant Clone and a Silver Sulfadiazine-Resistant Clone. Journal of Clinical Microbiology, 2003, 41, 1192-1202.	1.8	151
106	Co-ordination of iron acquisition, iron porphyrin chelation and iron protoporphyrin export via the cytochrome c biogenesis protein CcmC in Pseudomonas fluorescens. Microbiology (United Kingdom), 2003, 149, 3543-3552.	0.7	20
107	Bacterial Lipoprotein-Based Vaccines Induce Tumor Necrosis Factor-Dependent Type 1 Protective Immunity against Leishmania major. Infection and Immunity, 2002, 70, 240-248.	1.0	35
108	Characterization of a new efflux pump, MexGHI-OpmD, from Pseudomonas aeruginosa that confers resistance to vanadium. Microbiology (United Kingdom), 2002, 148, 2371-2381.	0.7	186

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109	Siderophore-Mediated Iron Uptake in Fluorescent <i>Pseudomonas</i> : Characterization of the Pyoverdine-Receptor Binding Site of Three Cross-Reacting Pyoverdines. <i>Archives of Biochemistry and Biophysics</i> , 2002, 397, 179-183.	1.4	40
110	Induction of Systemic Resistance to <i>Botrytis cinerea</i> in Tomato by <i>Pseudomonas aeruginosa</i> 7NSK2: Role of Salicylic Acid, Pyochelin, and Pyocyanin. <i>Molecular Plant-Microbe Interactions</i> , 2002, 15, 1147-1156.	1.4	333
111	Impaired maturation of the siderophore pyoverdine chromophore in <i>Pseudomonas fluorescens</i> ATCC 17400 deficient for the cytochrome <i>c</i> biogenesis protein CcmC. <i>FEBS Letters</i> , 2002, 523, 23-28.	1.3	33
112	Identification of new, conserved, non-ribosomal peptide synthetases from fluorescent pseudomonads involved in the biosynthesis of the siderophore pyoverdine. <i>Molecular Microbiology</i> , 2002, 45, 1673-1685.	1.2	118
113	Analysis of the <i>Pseudomonas aeruginosa</i> <i>oprD</i> gene from clinical and environmental isolates. <i>Environmental Microbiology</i> , 2002, 4, 872-882.	1.8	122
114	<i>Pseudomonas aeruginosa</i> displays an epidemic population structure. <i>Environmental Microbiology</i> , 2002, 4, 898-911.	1.8	106
115	Diversity of siderophore-mediated iron uptake systems in fluorescent pseudomonads: not only pyoverdines. <i>Environmental Microbiology</i> , 2002, 4, 787-798.	1.8	268
116	In-frame fusion of a His-Cys motif into the <i>Pseudomonas aeruginosa</i> outer membrane OprI lipoprotein results in increased metal binding capacity by <i>Escherichia coli</i> . <i>Research in Microbiology</i> , 2001, 152, 799-804.	1.0	7
117	Study of pyoverdine type and production by <i>Pseudomonas aeruginosa</i> isolated from cystic fibrosis patients: prevalence of type II pyoverdine isolates and accumulation of pyoverdine-negative mutations. <i>Archives of Microbiology</i> , 2001, 175, 384-388.	1.0	181
118	Impact of mutations in <i>hemA</i> and <i>hemH</i> genes on pyoverdine production by <i>Pseudomonas fluorescens</i> ATCC 17400. <i>FEMS Microbiology Letters</i> , 2001, 205, 57-63.	0.7	27
119	Expressing genes in different <i>Escherichia coli</i> compartments. <i>Current Opinion in Biotechnology</i> , 2000, 11, 450-454.	3.3	85
120	Quinolobactin, a New Siderophore of <i>Pseudomonas fluorescens</i> ATCC 17400, the Production of Which Is Repressed by the Cognate Pyoverdine. <i>Applied and Environmental Microbiology</i> , 2000, 66, 487-492.	1.4	105
121	Quantitation of <i>Pseudomonas aeruginosa</i> in wound biopsy samples: from bacterial culture to rapid <i>real-time</i> ™ polymerase chain reaction. <i>Critical Care</i> , 2000, 4, 255-61.	2.5	48
122	Vanadium interferes with siderophore-mediated iron uptake in <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2000, 146, 2425-2434.	0.7	97
123	<i>cumA</i> , a Gene Encoding a Multicopper Oxidase, Is Involved in Mn ²⁺ Oxidation in <i>Pseudomonas putida</i> GB-1. <i>Applied and Environmental Microbiology</i> , 1999, 65, 1762-1768.	1.4	148
124	Uptake of Pyocin S3 Occurs through the Outer Membrane Ferripyoverdine Type II Receptor of <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 1999, 181, 3849-3851.	1.0	61
125	Identification of a 25-amino acid sequence from the major African swine fever virus structural protein VP72 recognised by porcine cytotoxic T lymphocytes using a lipoprotein based expression system. <i>Journal of Virological Methods</i> , 1998, 75, 113-119.	1.0	39
126	Different residues in periplasmic domains of the CcmC inner membrane protein of <i>Pseudomonas fluorescens</i> ATCC 17400 are critical for cytochrome <i>c</i> biogenesis and pyoverdine-mediated iron uptake. <i>Molecular Microbiology</i> , 1998, 30, 547-555.	1.2	31

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127	A new membrane-bound OprI lipoprotein expression vector. <i>Gene</i> , 1998, 221, 25-34.	1.0	29
128	Involvement of Phenazines and Anthranilate in the Antagonism of <i>Pseudomonas aeruginosa</i> PNA1 and Tn5 Derivatives Toward <i>Fusarium</i> spp. and <i>Pythium</i> spp.. <i>Molecular Plant-Microbe Interactions</i> , 1998, 11, 847-854.	1.4	113
129	Sequence Diversity of the <i>oprI</i> Gene, Coding for Major Outer Membrane Lipoprotein I, among rRNA Group I <i>Pseudomonads</i> . <i>Journal of Bacteriology</i> , 1998, 180, 6551-6556.	1.0	29
130	Use of Siderophores to Type <i>Pseudomonads</i> : The Three <i>Pseudomonas aeruginosa</i> Pyoverdine Systems. <i>Microbiology (United Kingdom)</i> , 1997, 143, 35-43.	0.7	226
131	A cytochrome <i>cbiA</i> gene involved in pyoverdine production in <i>Pseudomonas fluorescens</i> ATCC 17400. <i>Molecular Microbiology</i> , 1996, 21, 777-785.	1.2	56
132	Novel pyoverdine biosynthesis gene(s) of <i>Pseudomonas aeruginosa</i> PAO. <i>Microbiology (United Kingdom)</i> , 1997, 143, 35-43.	0.7	75
133	Detection and differentiation of microbial siderophores by isoelectric focusing and chrome azurol S overlay. <i>BioMetals</i> , 1994, 7, 287-91.	1.8	69
134	Zinc affects siderophore-mediated high affinity iron uptake systems in the rhizosphere <i>Pseudomonas aeruginosa</i> 7NSK2. <i>BioMetals</i> , 1993, 6, 85-91.	1.8	102