

Fergal O Gara

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

260
papers

10,373
citations

55
h-index

89
g-index

335
ext. papers

11,999
ext. citations

4.8
avg, IF

5.94
L-index

#	Paper	IF	Citations
260	Systems Biology and Bile Acid Signalling in Microbiome-Host Interactions in the Cystic Fibrosis Lung. <i>Antibiotics</i> , 2021 , 10,	4.9	2
259	Exploring the synthetic potential of a marine transaminase including discrimination at a remote stereocentre. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 188-198	3.9	
258	Beneficial effects of inorganic nitrate in non-alcoholic fatty liver disease. <i>Archives of Biochemistry and Biophysics</i> , 2021 , 711, 109032	4.1	0
257	The immunotoxicity, but not anti-tumor efficacy, of anti-CD40 and anti-CD137 immunotherapies is dependent on the gut microbiota.. <i>Cell Reports Medicine</i> , 2021 , 2, 100464	18	4
256	The Detection of Bile Acids in the Lungs of Paediatric Cystic Fibrosis Patients Is Associated with Altered Inflammatory Patterns. <i>Diagnostics</i> , 2020 , 10,	3.8	7
255	Microbiome and Functional Analysis of a Traditional Food Process: Isolation of a Novel Species () With Industrial Potential. <i>Frontiers in Microbiology</i> , 2020 , 11, 647	5.7	2
254	A structure-function analysis of interspecies antagonism by the 2-heptyl-4-alkyl-quinolone signal molecule from. <i>Microbiology (United Kingdom)</i> , 2020 , 166, 169-179	2.9	3
253	Bile Acid Signal Molecules Associate Temporally with Respiratory Inflammation and Microbiome Signatures in Clinically Stable Cystic Fibrosis Patients. <i>Microorganisms</i> , 2020 , 8,	4.9	5
252	Microbiomic Analysis on Low Abundant Respiratory Biomass Samples; Improved Recovery of Microbial DNA From Bronchoalveolar Lavage Fluid. <i>Frontiers in Microbiology</i> , 2020 , 11, 572504	5.7	5
251	The gut microbiome and cardiovascular disease: current knowledge and clinical potential. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 317, H923-H938	5.2	43
250	Quorum Sensing Signaling Alters Virulence Potential and Population Dynamics in Complex Microbiome-Host Interactomes. <i>Frontiers in Microbiology</i> , 2019 , 10, 2131	5.7	3
249	Identification of an Esterase Isolated Using Metagenomic Technology which Displays an Unusual Substrate Scope and its Characterisation as an Enantioselective Biocatalyst. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 2466-2474	5.6	2
248	Exposure to Bile Leads to the Emergence of Adaptive Signaling Variants in the Opportunistic Pathogen. <i>Frontiers in Microbiology</i> , 2019 , 10, 2013	5.7	5
247	Genome Sequence of sp. JM45, a Bacterial Strain Isolated from a Marine Sponge with a Dual Quorum Sensing Inhibition Activity. <i>Microbiology Resource Announcements</i> , 2019 , 8,	1.3	1
246	Disruption of N-acyl-homoserine lactone-specific signalling and virulence in clinical pathogens by marine sponge bacteria. <i>Microbial Biotechnology</i> , 2019 , 12, 1049-1063	6.3	12
245	The Microbiome of an Active Meat Curing Brine. <i>Frontiers in Microbiology</i> , 2018 , 9, 3346	5.7	5
244	The expanding horizon of alkyl quinolone signalling and communication in polycellular interactomes. <i>FEMS Microbiology Letters</i> , 2018 , 365,	2.9	12

243	Analogues of <i>Pseudomonas aeruginosa</i> signalling molecules to tackle infections. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 169-179	3.9	29
242	Isoquercetin and inulin synergistically modulate the gut microbiome to prevent development of the metabolic syndrome in mice fed a high fat diet. <i>Scientific Reports</i> , 2018 , 8, 10100	4.9	27
241	Simultaneous chemosensing of tryptophan and the bacterial signal molecule indole by boron doped diamond electrode. <i>Electrochimica Acta</i> , 2018 , 282, 845-852	6.7	3
240	Rapid Electrochemical Detection of <i>Pseudomonas aeruginosa</i> Signaling Molecules by Boron-Doped Diamond Electrode. <i>Methods in Molecular Biology</i> , 2018 , 1673, 107-116	1.4	6
239	Synthesis of Benzofuroquinolines via Phosphine-Free Direct Arylation of 4-Phenoxyquinolines in Air. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 6140-6149	3.2	7
238	Harnessing Marine Biocatalytic Reservoirs for Green Chemistry Applications through Metagenomic Technologies. <i>Marine Drugs</i> , 2018 , 16,	6	19
237	The aliphatic amidase AmiE is involved in regulation of <i>Pseudomonas aeruginosa</i> virulence. <i>Scientific Reports</i> , 2017 , 7, 41178	4.9	16
236	Mining Microbial Signals for Enhanced Biodiscovery of Secondary Metabolites. <i>Methods in Molecular Biology</i> , 2017 , 1539, 287-300	1.4	2
235	The requirements at the C-3 position of alkylquinolones for signalling in <i>Pseudomonas aeruginosa</i> . <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 306-310	3.9	16
234	Direct and Rapid Electrochemical Detection of <i>Pseudomonas aeruginosa</i> Quorum Signaling Molecules in Bacterial Cultures and Cystic Fibrosis Sputum Samples through Cationic Surfactant-Assisted Membrane Disruption. <i>ChemElectroChem</i> , 2017 , 4, 533-541	4.3	17
233	Statin therapy causes gut dysbiosis in mice through a PXR-dependent mechanism. <i>Microbiome</i> , 2017 , 5, 95	16.6	82
232	Rethinking the bile acid/gut microbiome axis in cancer. <i>Oncotarget</i> , 2017 , 8, 115736-115747	3.3	21
231	Biotechnological Potential of Cold Adapted <i>Pseudoalteromonas</i> spp. Isolated from 'Deep Sea' Sponges. <i>Marine Drugs</i> , 2017 , 15,	6	14
230	A Novel Cold Active Esterase from a Deep Sea Sponge <i>Stelletta normani</i> Metagenomic Library. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	17
229	Identification of Secondary Metabolite Gene Clusters in the Genus Reveals Encouraging Biosynthetic Potential toward the Production of Novel Bioactive Compounds. <i>Frontiers in Microbiology</i> , 2017 , 8, 1494	5.7	32
228	Psychrophiles as a Source of Novel Antimicrobials 2017 , 527-540		3
227	Synthesis and electrochemical detection of a thiazolyl-indole natural product isolated from the nosocomial pathogen <i>Pseudomonas aeruginosa</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 6361-4	4.4	11
226	Exploiting Interkingdom Interactions for Development of Small-Molecule Inhibitors of <i>Candida albicans</i> Biofilm Formation. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 5894-905	5.9	16

225	Bile signalling promotes chronic respiratory infections and antibiotic tolerance. <i>Scientific Reports</i> , 2016 , 6, 29768	4.9	22
224	Molecular Signature of <i>Pseudomonas aeruginosa</i> with Simultaneous Nanomolar Detection of Quorum Sensing Signaling Molecules at a Boron-Doped Diamond Electrode. <i>Scientific Reports</i> , 2016 , 6, 30001	4.9	40
223	Metagenomics as a Tool for Biodiscovery and Enhanced Production of Marine Bioactives 2016 , 377-400		
222	Dissecting the regulation of bile-induced biofilm formation in <i>Staphylococcus aureus</i> . <i>Microbiology (United Kingdom)</i> , 2016 , 162, 1398-1406	2.9	6
221	Back to the Future of Soil Metagenomics. <i>Frontiers in Microbiology</i> , 2016 , 7, 73	5.7	82
220	Comparative Genomic Analysis Reveals a Diverse Repertoire of Genes Involved in Prokaryote-Eukaryote Interactions within the <i>Pseudovibrio</i> Genus. <i>Frontiers in Microbiology</i> , 2016 , 7, 387	5.7	13
219	Diversity of Natural Product Biosynthetic Genes in the Microbiome of the Deep Sea Sponges <i>Inflatella pellicula</i> , <i>Poecillastra compressa</i> , and <i>Stelletta normani</i> . <i>Frontiers in Microbiology</i> , 2016 , 7, 1027	5.7	25
218	Harnessing Bacterial Signals for Suppression of Biofilm Formation in the Nosocomial Fungal Pathogen. <i>Frontiers in Microbiology</i> , 2016 , 7, 2074	5.7	16
217	Integrated (Meta) Genomic and Synthetic Biology Approaches to Develop New Biocatalysts. <i>Marine Drugs</i> , 2016 , 14,	6	17
216	CpxR Activates MexAB-OprM Efflux Pump Expression and Enhances Antibiotic Resistance in Both Laboratory and Clinical nalB-Type Isolates of <i>Pseudomonas aeruginosa</i> . <i>PLoS Pathogens</i> , 2016 , 12, e1005932	7.6	50
215	Is There Potential for Repurposing Statins as Novel Antimicrobials?. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 5111-21	5.9	64
214	The ocean sampling day consortium. <i>GigaScience</i> , 2015 , 4, 27	7.6	126
213	Metagenomics for the discovery of novel biosurfactants of environmental interest from marine ecosystems. <i>Current Opinion in Biotechnology</i> , 2015 , 33, 176-82	11.4	55
212	A structure activity-relationship study of the bacterial signal molecule HHQ reveals swarming motility inhibition in <i>Bacillus atrophaeus</i> . <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 5537-41	3.9	16
211	The impact of phytochemicals present in the diet on microbial signalling in the human gut. <i>Journal of Functional Foods</i> , 2015 , 14, 684-691	5.1	12
210	Minimum Information about a Biosynthetic Gene cluster. <i>Nature Chemical Biology</i> , 2015 , 11, 625-31	11.7	498
209	The distribution and diversity in metagenomic datasets reveal niche specialization. <i>Environmental Microbiology Reports</i> , 2015 , 7, 194-203	3.7	10
208	Emerging concepts promising new horizons for marine biodiscovery and synthetic biology. <i>Marine Drugs</i> , 2015 , 13, 2924-54	6	51

207	The Sound of Silence: Activating Silent Biosynthetic Gene Clusters in Marine Microorganisms. <i>Marine Drugs</i> , 2015 , 13, 4754-83	6	92
206	Deciphering the role of coumarin as a novel quorum sensing inhibitor suppressing virulence phenotypes in bacterial pathogens. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 3303-16	5-7	53
205	Marine Sponges –Molecular Biology and Biotechnology 2015 , 219-254		2
204	Maribacter spongiicola sp. nov. and Maribacter vacetii sp. nov., isolated from marine sponges, and emended description of the genus Maribacter. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 2097-2103	2.2	23
203	Aquimarina amphilecti sp. nov., isolated from the sponge Amphilectus fucorum. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 501-505	2.2	16
202	A new regulator of pathogenicity (bvLR) is required for full virulence and tight microcolony formation in Pseudomonas aeruginosa. <i>Microbiology (United Kingdom)</i> , 2014 , 160, 1488-1500	2.9	13
201	One step preparation and electrochemical analysis of IQS, a cell-cell communication signal in the nosocomial pathogen Pseudomonas aeruginosa. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 4703-4707	2.9	12
200	Inhibition of co-colonizing cystic fibrosis-associated pathogens by Pseudomonas aeruginosa and Burkholderia multivorans. <i>Microbiology (United Kingdom)</i> , 2014 , 160, 1474-1487	2.9	28
199	Characterisation of non-autoinducing tropodithietic Acid (TDA) production from marine sponge Pseudovibrio species. <i>Marine Drugs</i> , 2014 , 12, 5960-78	6	39
198	Emerging strategies and integrated systems microbiology technologies for biodiscovery of marine bioactive compounds. <i>Marine Drugs</i> , 2014 , 12, 3516-59	6	54
197	Marine Pseudovibrio sp. as a novel source of antimicrobials. <i>Marine Drugs</i> , 2014 , 12, 5916-29	6	23
196	The SPI-1-like Type III secretion system: more roles than you think. <i>Frontiers in Plant Science</i> , 2014 , 5, 34	6.2	20
195	Bile acids repress hypoxia-inducible factor 1 signaling and modulate the airway immune response. <i>Infection and Immunity</i> , 2014 , 82, 3531-41	3-7	14
194	Metabolomic profiling and genomic study of a marine sponge-associated Streptomyces sp. <i>Marine Drugs</i> , 2014 , 12, 3323-51	6	42
193	Evidence of a putative deep sea specific microbiome in marine sponges. <i>PLoS ONE</i> , 2014 , 9, e91092	3-7	48
192	The impact of simvastatin on pulmonary effectors of Pseudomonas aeruginosa infection. <i>PLoS ONE</i> , 2014 , 9, e102200	3-7	6
191	A novel erythromycin resistance plasmid from Bacillus sp. strain HS24, isolated from the marine sponge Haliclona simulans. <i>PLoS ONE</i> , 2014 , 9, e115583	3-7	6
190	Identification of novel phytase genes from an agricultural soil-derived metagenome. <i>Journal of Microbiology and Biotechnology</i> , 2014 , 24, 113-8	3-3	20

189	Fertilization management affects the alkaline phosphatase bacterial community in barley rhizosphere soil. <i>Biology and Fertility of Soils</i> , 2013 , 49, 31-39	6.1	54
188	Genome sequence reveals that <i>Pseudomonas fluorescens</i> F113 possesses a large and diverse array of systems for rhizosphere function and host interaction. <i>BMC Genomics</i> , 2013 , 14, 54	4.5	65
187	Long-term phosphorus fertilisation increased the diversity of the total bacterial community and the phoD phosphorus mineraliser group in pasture soils. <i>Biology and Fertility of Soils</i> , 2013 , 49, 661-672	6.1	174
186	Molecular evolution of LysR-type transcriptional regulation in <i>Pseudomonas aeruginosa</i> . <i>Molecular Phylogenetics and Evolution</i> , 2013 , 66, 1041-9	4.1	13
185	Subtilomycin: a new lantibiotic from <i>Bacillus subtilis</i> strain MMA7 isolated from the marine sponge <i>Haliclona simulans</i> . <i>Marine Drugs</i> , 2013 , 11, 1878-98	6	58
184	Characterization of the SPI-1 and Rsp type three secretion systems in <i>Pseudomonas fluorescens</i> F113. <i>Environmental Microbiology Reports</i> , 2013 , 5, 377-86	3.7	18
183	Genome-wide investigation of cellular targets and mode of action of the antifungal bacterial metabolite 2,4-diacetylphloroglucinol in <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2013 , 13, 322-34 ¹		28
182	Exploiting New Systems-Based Strategies to Elucidate Plant-Bacterial Interactions in the Rhizosphere 2013 , 57-68		8
181	The bacterial secondary metabolite 2,4-diacetylphloroglucinol impairs mitochondrial function and affects calcium homeostasis in <i>Neurospora crassa</i> . <i>Fungal Genetics and Biology</i> , 2013 , 56, 135-46	3.9	16
180	Genetics and Evolution of 2, 4-Diacetylphloroglucinol Synthesis in <i>Pseudomonas Fluorescens</i> 2013 , 593-605		3
179	Molecular-Based Strategies to Exploit the Inorganic Phosphate-Solubilization Ability of <i>Pseudomonas</i> in Sustainable Agriculture 2013 , 615-628		7
178	Statins inhibit in vitro virulence phenotypes of <i>Pseudomonas aeruginosa</i> . <i>Journal of Antibiotics</i> , 2013 , 66, 99-101	3.7	15
177	Metagenomic strategies for the discovery of novel enzymes with biotechnological application from marine ecosystems 2013 , 109-130		3
176	<i>Pseudovibrio axinellae</i> sp. nov., isolated from an Irish marine sponge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 141-145	2.2	11
175	Distribution and diversity of bacterial secretion systems across metagenomic datasets. <i>Environmental Microbiology Reports</i> , 2013 , 5, 117-26	3.7	42
174	Characterization of mineral phosphate solubilization traits from a barley rhizosphere soil functional metagenome. <i>MicrobiologyOpen</i> , 2013 , 2, 717-24	3.4	47
173	Meeting report: 1st international functional metagenomics workshop may 7-8, 2012, st. Jacobs, ontario, Canada. <i>Standards in Genomic Sciences</i> , 2013 , 8, 106-11		2
172	Archaea appear to dominate the microbiome of <i>Inflatella pellicula</i> deep sea sponges. <i>PLoS ONE</i> , 2013 , 8, e84438	3.7	35

171	A non-classical LysR-type transcriptional regulator PA2206 is required for an effective oxidative stress response in <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2013 , 8, e54479	3.7	27
170	Exploitation of glucose catabolic gene fusions to investigate in situ expression during <i>Pseudomonas</i> –plant interactions. <i>Biology and Fertility of Soils</i> , 2012 , 48, 235-238	6.1	10
169	Evidence of bacteriophage-mediated horizontal transfer of bacterial 16S rRNA genes in the viral metagenome of the marine sponge <i>Hymeniacidon perlevis</i> . <i>Microbiology (United Kingdom)</i> , 2012 , 158, 2789-2795	2.9	8
168	Structure-function analysis of the C-3 position in analogues of microbial behavioural modulators HHQ and PQS. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 8903-10	3.9	32
167	Characterization of imipenem resistance mechanisms in <i>Pseudomonas aeruginosa</i> isolates from Turkey. <i>Clinical Microbiology and Infection</i> , 2012 , 18, E262-5	9.5	4
166	Diversity and antibacterial activity of bacteria isolated from the coastal marine sponges <i>Amphilectus fucorum</i> and <i>Eurypon major</i> . <i>Letters in Applied Microbiology</i> , 2012 , 55, 2-8	2.9	39
165	A high-throughput screen to identify novel calcineurin inhibitors. <i>Journal of Microbiological Methods</i> , 2012 , 88, 63-6	2.8	5
164	Analysis of <i>Pseudomonas</i> quinolone signal and other bacterial signalling molecules using capillaries coated with highly charged polyelectrolyte monolayers and boron doped diamond electrode. <i>Journal of Chromatography A</i> , 2012 , 1251, 169-175	4.5	16
163	A novel host-responsive sensor mediates virulence and type III secretion during <i>Pseudomonas aeruginosa</i> -host cell interactions. <i>Microbiology (United Kingdom)</i> , 2012 , 158, 1057-1070	2.9	22
162	Pyrosequencing reveals diverse and distinct sponge-specific microbial communities in sponges from a single geographical location in Irish waters. <i>Microbial Ecology</i> , 2012 , 64, 105-16	4.4	54
161	Diversity and bioactive potential of endospore-forming bacteria cultured from the marine sponge <i>Haliclona simulans</i> . <i>Journal of Applied Microbiology</i> , 2012 , 112, 65-78	4.7	29
160	Diversity and antimicrobial activities of microbes from two Irish marine sponges, <i>Suberites carnosus</i> and <i>Leucosolenia</i> sp. <i>Journal of Applied Microbiology</i> , 2012 , 112, 289-301	4.7	55
159	MexT functions as a redox-responsive regulator modulating disulfide stress resistance in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2012 , 194, 3502-11	3.5	38
158	<i>Pseudomonas aeruginosa</i> Alkyl quinolones repress hypoxia-inducible factor 1 (HIF-1) signaling through HIF-1 β degradation. <i>Infection and Immunity</i> , 2012 , 80, 3985-92	3.7	30
157	Genome sequence of the biocontrol strain <i>Pseudomonas fluorescens</i> F113. <i>Journal of Bacteriology</i> , 2012 , 194, 1273-4	3.5	57
156	Respiratory pathogens adopt a chronic lifestyle in response to bile. <i>PLoS ONE</i> , 2012 , 7, e45978	3.7	28
155	Impaired expression of hypoxia-inducible factor-1 β in cystic fibrosis airway epithelial cells - a role for HIF-1 in the pathophysiology of CF?. <i>Journal of Cystic Fibrosis</i> , 2011 , 10, 286-90	4.1	21
154	Detection of the <i>Pseudomonas</i> Quinolone Signal (PQS) by cyclic voltammetry and amperometry using a boron doped diamond electrode. <i>Chemical Communications</i> , 2011 , 47, 10347-9	5.8	29

153	Diversity and antimicrobial activity of <i>Pseudovibrio</i> spp. from Irish marine sponges. <i>Journal of Applied Microbiology</i> , 2011 , 110, 1495-508	4.7	41
152	In vitro analyses are not reliable predictors of the plant growth promotion capability of bacteria; a <i>Pseudomonas fluorescens</i> strain that promotes the growth and yield of wheat. <i>Journal of Applied Microbiology</i> , 2011 , 111, 683-92	4.7	40
151	Functional metagenomic strategies for the discovery of novel enzymes and biosurfactants with biotechnological applications from marine ecosystems. <i>Journal of Applied Microbiology</i> , 2011 , 111, 787-99	4.7	97
150	The <i>Pseudomonas</i> quinolone signal (PQS), and its precursor HHQ, modulate interspecies and interkingdom behaviour. <i>FEMS Microbiology Ecology</i> , 2011 , 77, 413-28	4.3	109
149	Functional genomics analysis of plant growth-promoting rhizobacterial traits involved in rhizosphere competence. <i>Biology and Fertility of Soils</i> , 2011 , 47, 729-743	6.1	139
148	Genomic analysis of the type VI secretion systems in <i>Pseudomonas</i> spp.: novel clusters and putative effectors uncovered. <i>Microbiology (United Kingdom)</i> , 2011 , 157, 1726-1739	2.9	83
147	Implications of interspecies signaling for virulence of bacterial and fungal pathogens. <i>Future Microbiology</i> , 2011 , 6, 799-817	2.9	7
146	Low oxygen induces the type III secretion system in <i>Pseudomonas aeruginosa</i> via modulation of the small RNAs rsmZ and rsmY. <i>Microbiology (United Kingdom)</i> , 2011 , 157, 3417-3428	2.9	30
145	Tetracycline resistance-encoding plasmid from <i>Bacillus</i> sp. strain #24, isolated from the marine sponge <i>Haliclona simulans</i> . <i>Applied and Environmental Microbiology</i> , 2011 , 77, 327-9	4.8	30
144	Endoglucanase activities and growth of marine-derived fungi isolated from the sponge <i>Haliclona simulans</i> . <i>Journal of Applied Microbiology</i> , 2010 , 108, 1668-75	4.7	13
143	<i>Pseudomonas aeruginosa</i> secreted factors impair biofilm development in <i>Candida albicans</i> . <i>Microbiology (United Kingdom)</i> , 2010 , 156, 1476-1486	2.9	63
142	Emergence of extended-spectrum beta-lactamase and fluoroquinolone resistance genes among Irish multidrug-resistant isolates. <i>Diagnostic Microbiology and Infectious Disease</i> , 2010 , 67, 106-9	2.9	8
141	Antibiotic selection leads to inadvertent selection of nfxC-type phenotypic mutants in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology Reports</i> , 2010 , 2, 461-4	3.7	4
140	Biochemical and genomic comparison of inorganic phosphate solubilization in <i>Pseudomonas</i> species. <i>Environmental Microbiology Reports</i> , 2010 , 2, 403-11	3.7	120
139	Marine metagenomics: new tools for the study and exploitation of marine microbial metabolism. <i>Marine Drugs</i> , 2010 , 8, 608-28	6	126
138	The <i>Pseudomonas fluorescens</i> secondary metabolite 2,4 diacetylphloroglucinol impairs mitochondrial function in <i>Saccharomyces cerevisiae</i> . <i>Antonie Van Leeuwenhoek</i> , 2010 , 97, 261-73	2.1	27
137	Computational prediction of the Crc regulon identifies genus-wide and species-specific targets of catabolite repression control in <i>Pseudomonas</i> bacteria. <i>BMC Microbiology</i> , 2010 , 10, 300	4.5	27
136	Synthesis of 3-halo-analogues of HHQ, subsequent cross-coupling and first crystal structure of <i>Pseudomonas</i> quinolone signal (PQS). <i>Tetrahedron Letters</i> , 2010 , 51, 5919-5921	2	28

135	Subinhibitory concentrations of the cationic antimicrobial peptide colistin induce the pseudomonas quinolone signal in <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2009 , 155, 2826-2837	2.9	59
134	Transcriptome profiling defines a novel regulon modulated by the LysR-type transcriptional regulator MexT in <i>Pseudomonas aeruginosa</i> . <i>Nucleic Acids Research</i> , 2009 , 37, 7546-59	20.1	66
133	Isolation and analysis of bacteria with antimicrobial activities from the marine sponge <i>Haliclona simulans</i> collected from Irish waters. <i>Marine Biotechnology</i> , 2009 , 11, 384-96	3.4	139
132	MexT modulates virulence determinants in <i>Pseudomonas aeruginosa</i> independent of the MexEF-OprN efflux pump. <i>Microbial Pathogenesis</i> , 2009 , 47, 237-41	3.8	47
131	Superior inorganic phosphate solubilization is linked to phylogeny within the <i>Pseudomonas fluorescens</i> complex. <i>Applied Soil Ecology</i> , 2009 , 43, 131-138	5	80
130	Evolutionary history of the <i>phl</i> gene cluster in the plant-associated bacterium <i>Pseudomonas fluorescens</i> . <i>Applied and Environmental Microbiology</i> , 2009 , 75, 2122-31	4.8	49
129	Signal-mediated interactions between <i>Pseudomonas aeruginosa</i> and <i>Candida albicans</i> . <i>Journal of Medical Microbiology</i> , 2008 , 57, 563-569	3.2	120
128	<i>Pseudomonas aeruginosa</i> RsmA plays an important role during murine infection by influencing colonization, virulence, persistence, and pulmonary inflammation. <i>Infection and Immunity</i> , 2008 , 76, 632-87	3.7	67
127	Genetic analysis of genes involved in dipeptide metabolism and cytotoxicity in <i>Pseudomonas aeruginosa</i> PAO1. <i>Microbiology (United Kingdom)</i> , 2008 , 154, 2209-2218	2.9	17
126	A putative RNA-binding protein has a role in virulence in <i>Ralstonia solanacearum</i> GMI1000. <i>Molecular Plant Pathology</i> , 2008 , 9, 67-72	5.7	4
125	Molecular and phenotypic characterization of potential plant growth-promoting <i>Pseudomonas</i> from rice and maize rhizospheres. <i>World Journal of Microbiology and Biotechnology</i> , 2008 , 24, 1877-1884	4.4	28
124	High levels of Lymphotoxin-Beta (LT-Beta) gene expression in rheumatoid arthritis synovium: clinical and cytokine correlations. <i>Rheumatology International</i> , 2008 , 28, 979-86	3.6	37
123	Manipulation of host Kruppel-like factor (KLF) function by exotoxins from diverse bacterial pathogens. <i>Nature Reviews Microbiology</i> , 2007 , 5, 337-41	22.2	18
122	A role for TonB1 in biofilm formation and quorum sensing in <i>Pseudomonas aeruginosa</i> . <i>FEMS Microbiology Letters</i> , 2007 , 274, 269-78	2.9	26
121	Construction of p16Slux, a novel vector for improved bioluminescent labeling of gram-negative bacteria. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 7092-5	4.8	59
120	Role of Membrane Structure During Stress Signalling and Adaptation in <i>Pseudomonas</i> 2007 , 193-224		9
119	Exploiting new systems-based strategies to elucidate plant-bacterial interactions in the rhizosphere. <i>Microbial Ecology</i> , 2006 , 51, 257-66	4.4	68
118	LST1 and NCR3 expression in autoimmune inflammation and in response to IFN-gamma, LPS and microbial infection. <i>Immunogenetics</i> , 2006 , 57, 893-903	3.2	40

117	Pseudomonas aeruginosa infection of airway epithelial cells modulates expression of Kruppel-like factors 2 and 6 via RsmA-mediated regulation of type III exoenzymes S and Y. <i>Infection and Immunity</i> , 2006 , 74, 5893-902	3.7	30
116	The posttranscriptional regulator RsmA plays a role in the interaction between Pseudomonas aeruginosa and human airway epithelial cells by positively regulating the type III secretion system. <i>Infection and Immunity</i> , 2006 , 74, 3012-5	3.7	67
115	Complex regulation of AprA metalloprotease in Pseudomonas fluorescens M114: evidence for the involvement of iron, the ECF sigma factor, PbrA and pseudobactin M114 siderophore. <i>Microbiology (United Kingdom)</i> , 2006 , 152, 29-42	2.9	20
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