

# Raymond J J Turner

## 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.

224  
papers

9,938  
citations

50  
h-index

92  
g-index

250  
ext. papers

11,775  
ext. citations

4.7  
avg. IF

6.55  
L-index

#	Paper	IF	Citations
224	Antimicrobial activity of supramolecular salts of gallium(III) and proflavine and the intriguing case of a trioxalate complex.. <i>Scientific Reports</i> , <b>2022</b> , 12, 3673	4.9	2
223	Transcriptomic Analysis of the Dual Response of <i>Rhodococcus aetherivorans</i> BCP1 to Inorganic Arsenic Oxyanions.. <i>Applied and Environmental Microbiology</i> , <b>2022</b> , e0220921	4.8	0
222	Tellurite and Selenite: how can these two oxyanions be chemically different yet so similar in the way they are transformed to their metal forms by bacteria?. <i>Biological Research</i> , <b>2022</b> , 55, 17	7.6	2
221	Bacterial Production of Metal(loid) Nanostructures. <i>Advances in Environmental Microbiology</i> , <b>2022</b> , 167-194	1.3	0
220	Metal Based Antimicrobials: Uses and Challenges. <i>Advances in Environmental Microbiology</i> , <b>2022</b> , 77-106	1.3	0
219	Assessing Microbial Monitoring Methods for Challenging Environmental Strains and Cultures. <i>Microbiology Research</i> , <b>2022</b> , 13, 235-257	1	0
218	Zinc and SARS-CoV-2: A molecular modeling study of Zn interactions with RNA-dependent RNA-polymerase and 3C-like proteinase enzymes. <i>International Journal of Molecular Medicine</i> , <b>2021</b> , 47, 326-334	4.4	20
217	Nanomaterials in Wound Healing and Infection Control. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	20
216	Efficacy and Safety of COVID-19 Vaccines: A Systematic Review and Meta-Analysis of Randomized Clinical Trials. <i>Vaccines</i> , <b>2021</b> , 9,	5.3	81
215	Comparison of influenza type A and B with COVID-19: A global systematic review and meta-analysis on clinical, laboratory and radiographic findings. <i>Reviews in Medical Virology</i> , <b>2021</b> , 31, e2179	11.7	29
214	Biomolecular composition of capping layer and stability of biogenic selenium nanoparticles synthesized by five bacterial species. <i>Microbial Biotechnology</i> , <b>2021</b> , 14, 198-212	6.3	8
213	Proflavine and zinc chloride beam chemistry combining antibacterial agents via solid-state interaction. <i>CrystEngComm</i> , <b>2021</b> , 23, 4494-4499	3.3	5
212	Untargeted Metabolomics Investigation on Selenite Reduction to Elemental Selenium by SeITE01. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 711000	5.7	1
211	Detection of naphthenic acid uptake into root and shoot tissues indicates a direct role for plants in the remediation of oil sands process-affected water. <i>Science of the Total Environment</i> , <b>2021</b> , 795, 148857	10.2	0
210	Novel and Future Treatment Strategies for Biofilm-Associated Infections <b>2021</b> , 239-276		
209	Effectiveness of COVID-19 Vaccines against Delta (B.1.617.2) Variant: A Systematic Review and Meta-Analysis of Clinical Studies.. <i>Vaccines</i> , <b>2021</b> , 10,	5.3	7
208	Processing of Metals and Metalloids by : Cell Resistance Mechanisms and Synthesis of Metal(loid)-Based Nanostructures. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	8

207	Comparison of confirmed COVID-19 with SARS and MERS cases - Clinical characteristics, laboratory findings, radiographic signs and outcomes: A systematic review and meta-analysis. <i>Reviews in Medical Virology</i> , <b>2020</b> , 30, e2112	11.7	37
206	Metal Nanoparticle-Microbe Interactions: Synthesis and Antimicrobial Effects. <i>Particle and Particle Systems Characterization</i> , <b>2020</b> , 37, 1900419	3.1	17
205	Co-crystallization of antibacterials with inorganic salts: paving the way to activity enhancement.. <i>RSC Advances</i> , <b>2020</b> , 10, 2146-2149	3.7	9
204	Tunable photoluminescence properties of selenium nanoparticles: biogenic versus chemogenic synthesis. <i>Nanophotonics</i> , <b>2020</b> , 9, 3615-3628	6.3	7
203	Clinical characteristics, laboratory findings, radiographic signs and outcomes of 61,742 patients with confirmed COVID-19 infection: A systematic review and meta-analysis. <i>Microbial Pathogenesis</i> , <b>2020</b> , 147, 104390	3.8	41
202	Silver Antibacterial Synergism Activities with Eight Other Metal(loid)-Based Antimicrobials against , and. <i>Antibiotics</i> , <b>2020</b> , 9,	4.9	9
201	Biotechnology of Rhodococcus for the production of valuable compounds. <i>Applied Microbiology and Biotechnology</i> , <b>2020</b> , 104, 8567-8594	5.7	25
200	Multiple Compounds Secreted by Increase the Tolerance of to the Antimicrobial Metals Copper and Silver. <i>MSystems</i> , <b>2020</b> , 5,	7.6	2
199	Lessons and Considerations for the Creation of Universal Primers Targeting Non-Conserved, Horizontally Mobile Genes. <i>Applied and Environmental Microbiology</i> , <b>2020</b> ,	4.8	2
198	Biofilms and Microbiologically Influenced Corrosion in the Petroleum Industry. <i>ACS Symposium Series</i> , <b>2019</b> , 187-203	0.4	5
197	Identification of Resistance Genes and Response to Arsenic in BCP1. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 888	5.7	20
196	Specificity in the Susceptibilities of , and Clinical Isolates to Six Metal Antimicrobials. <i>Antibiotics</i> , <b>2019</b> , 8,	4.9	11
195	Mesoporous Silica-Based Materials with Bactericidal Properties. <i>Small</i> , <b>2019</b> , 15, e1900669	11	71
194	Tellurite-dependent blackening of bacteria emerges from the dark ages. <i>Environmental Chemistry</i> , <b>2019</b> , 16, 266	3.2	19
193	Interaction of Rhodococcus with Metals and Biotechnological Applications. <i>Microbiology Monographs</i> , <b>2019</b> , 333-357	0.8	4
192	Principal component analysis of the relationship between pelvic inclination and lumbar lordosis. <i>Scoliosis and Spinal Disorders</i> , <b>2019</b> , 14, 1	1.7	1
191	Influence of Bacterial Physiology on Processing of Selenite, Biogenesis of Nanomaterials and Their Thermodynamic Stability. <i>Molecules</i> , <b>2019</b> , 24,	4.8	11
190	The Response of CH34 to Cadmium Involves Inhibition of the Initiation of Biofilm Formation, Decrease in Intracellular c-di-GMP Levels, and a Novel Metal Regulated Phosphodiesterase. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1499	5.7	10

189	Phylogenetic characterization of the energy taxis receptor Aer in and phenotypic characterization in KF707. <i>Microbiology (United Kingdom)</i> , <b>2019</b> , 165, 1331-1344	2.9	1
188	Using a Chemical Genetic Screen to Enhance Our Understanding of the Antimicrobial Properties of Gallium against Escherichia coli. <i>Genes</i> , <b>2019</b> , 10,	4.2	10
187	Prevalence of Multidrug Resistance Efflux Pumps (MDREPs) in Environmental Communities <b>2019</b> , 545-557		2
186	Cardiolipin synthase A colocalizes with cardiolipin and osmosensing transporter ProP at the poles of Escherichia coli cells. <i>Molecular Microbiology</i> , <b>2018</b> , 107, 623-638	4.1	16
185	The Potential of Metals in Combating Bacterial Pathogens <b>2018</b> , 129-150		3
184	Stability of biogenic metal(loid) nanomaterials related to the colloidal stabilization theory of chemical nanostructures. <i>Critical Reviews in Biotechnology</i> , <b>2018</b> , 38, 1137-1156	9.4	32
183	Assembly, growth and conductive properties of tellurium nanorods produced by Rhodococcus aetherivorans BCP1. <i>Scientific Reports</i> , <b>2018</b> , 8, 3923	4.9	30
182	Selenium and tellurium nanomaterials. <i>ChemistrySelect</i> , <b>2018</b> , 3,	1.8	8
181	Influence of quaternary cation compound on the size of the small multidrug resistance protein, EmrE. <i>Biochemistry and Biophysics Reports</i> , <b>2018</b> , 13, 129-140	2.2	0
180	Microbial-Based Bioremediation of Selenium and Tellurium Compounds <b>2018</b> ,		6
179	Aerobic Growth of BCP1 Using Selected Naphthenic Acids as the Sole Carbon and Energy Sources. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 672	5.7	24
178	Fluorescent Protein Visualization Immediately After Gel Electrophoresis Using an In-Gel Trichloroethanol Photoreaction with Tryptophan. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1853, 179-190	1.4	4
177	Using a Chemical Genetic Screen to Enhance Our Understanding of the Antibacterial Properties of Silver. <i>Genes</i> , <b>2018</b> , 9,	4.2	19
176	Few Conserved Amino Acids in the Small Multidrug Resistance Transporter EmrE Influence Drug Polyselectivity. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2018</b> , 62,	5.9	10
175	Some facts about the respiratory enzymes of Pseudomonas pseudoalcaligenes KF707 recently renamed as Pseudomonas furukawaii sp. nov., type strain KF707. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2018</b> , 68, 3066-3067	2.2	0
174	Biosynthesis of selenium-nanoparticles and -nanorods as a product of selenite bioconversion by the aerobic bacterium Rhodococcus aetherivorans BCP1. <i>New Biotechnology</i> , <b>2018</b> , 41, 1-8	6.4	54
173	Physical-Chemical Properties of Biogenic Selenium Nanostructures Produced by SeITE02 and sp. MPV1. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 3178	5.7	19
172	Selenite biotransformation and detoxification by Stenotrophomonas maltophilia SeITE02: Novel clues on the route to bacterial biogenesis of selenium nanoparticles. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 324, 3-14	12.8	88

171	Screening selectively harnessed environmental microbial communities for biodegradation of polycyclic aromatic hydrocarbons in moving bed biofilm reactors. <i>Bioresource Technology</i> , <b>2017</b> , 228, 116-124	11	15
170	Antimicrobial activity of biogenically produced spherical Se-nanomaterials embedded in organic material against <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i> strains on hydroxyapatite-coated surfaces. <i>Microbial Biotechnology</i> , <b>2017</b> , 10, 804-818	6.3	55
169	The efficacy of different anti-microbial metals at preventing the formation of, and eradicating bacterial biofilms of pathogenic indicator strains. <i>Journal of Antibiotics</i> , <b>2017</b> , 70, 775-780	3.7	30
168	Secondary multidrug efflux pump mutants alter <i>Escherichia coli</i> biofilm growth in the presence of cationic antimicrobial compounds. <i>Research in Microbiology</i> , <b>2017</b> , 168, 208-221	4	35
167	Silver oxynitrate - an efficacious compound for the prevention and eradication of dual-species biofilms. <i>Biofouling</i> , <b>2017</b> , 33, 460-469	3.3	21
166	Biogenic SeNPs from <i>Bacillus mycoides</i> SelTE01 and <i>Stenotrophomonas maltophilia</i> SelTE02: Characterization with reference to their associated organic coating <b>2017</b> ,		1
165	Metal-based antimicrobial strategies. <i>Microbial Biotechnology</i> , <b>2017</b> , 10, 1062-1065	6.3	92
164	Primary Metabolism and Medium-Chain Fatty Acid Alterations Precede Long-Chain Fatty Acid Changes Impacting Neutral Lipid Metabolism in Response to an Anticancer Lysophosphatidylcholine Analogue in Yeast. <i>Journal of Proteome Research</i> , <b>2017</b> , 16, 3741-3752	5.6	2
163	Relationship between craniocervical orientation and center of force of occlusion in adults. <i>Cranio - Journal of Craniomandibular Practice</i> , <b>2017</b> , 35, 283-289	1.2	9
162	Assembly pathway of a bacterial complex iron sulfur molybdoenzyme. <i>Biomolecular Concepts</i> , <b>2017</b> , 8, 155-167	3.7	6
161	Biphenyl Modulates the Expression and Function of Respiratory Oxidases in the Polychlorinated-Biphenyls Degradar KF707. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1223	5.7	7
160	How Bacteria are Affected by Toxic Metal Release <b>2016</b> , 253-270		1
159	Mechanisms Underlying the Antimicrobial Capacity of Metals <b>2016</b> , 215-224		0
158	The Role of cheA Genes in Swarming and Swimming Motility of <i>Pseudomonas pseudoalcaligenes</i> KF707. <i>Microbes and Environments</i> , <b>2016</b> , 31, 169-72	2.6	5
157	Small Multidrug Resistance Efflux Pumps <b>2016</b> , 45-71		5
156	<i>Rhodococcus aetherivorans</i> BCP1 as cell factory for the production of intracellular tellurium nanorods under aerobic conditions. <i>Microbial Cell Factories</i> , <b>2016</b> , 15, 204	6.4	37
155	A comparison of the response of two <i>Burkholderia fungorum</i> strains grown as planktonic cells versus biofilm to dibenzothiophene and select polycyclic aromatic hydrocarbons. <i>Canadian Journal of Microbiology</i> , <b>2016</b> , 62, 851-860	3.2	3
154	On the role of a specific insert in acetate permeases (ActP) for tellurite uptake in bacteria: Functional and structural studies. <i>Journal of Inorganic Biochemistry</i> , <b>2016</b> , 163, 103-109	4.2	10

153	Removal and biodegradation of naphthenic acids by biochar and attached environmental biofilms in the presence of co-contaminating metals. <i>Bioresource Technology</i> , <b>2016</b> , 216, 352-61	11	60
152	Identification of protein-protein interactions between the TatB and TatC subunits of the twin-arginine translocase system and respiratory enzyme specific chaperones. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2016</b> , 1858, 767-75	3.8	5
151	Evaluating the Metal Tolerance Capacity of Microbial Communities Isolated from Alberta Oil Sands Process Water. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148682	3.7	5
150	Biogenic selenium and tellurium nanoparticles synthesized by environmental microbial isolates efficaciously inhibit bacterial planktonic cultures and biofilms. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 584	5.7	132
149	Structural and functional comparison of hexahistidine tagged and untagged forms of small multidrug resistance protein, EmrE. <i>Biochemistry and Biophysics Reports</i> , <b>2015</b> , 1, 22-32	2.2	7
148	Making water-soluble integral membrane proteins in vivo using an amphipathic protein fusion strategy. <i>Nature Communications</i> , <b>2015</b> , 6, 6826	17.4	17
147	Silver oxynitrate, an unexplored silver compound with antimicrobial and antibiofilm activity. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2015</b> , 59, 4031-9	5.9	43
146	NarJ subfamily system specific chaperone diversity and evolution is directed by respiratory enzyme associations. <i>BMC Evolutionary Biology</i> , <b>2015</b> , 15, 110	3	8
145	Cultivation of Environmental Bacterial Communities as Multispecies Biofilms. <i>Springer Protocols</i> , <b>2015</b> , 249-268	0.3	3
144	Influence of GTP on system specific chaperone - Twin arginine signal peptide interaction. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 465, 753-7	3.4	4
143	Unusual pairing between assistants: interaction of the twin-arginine system-specific chaperone DmsD with the chaperonin GroEL. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 456, 841-6	3.4	4
142	Protocols for Harvesting a Microbial Community Directly as a Biofilm for the Remediation of Oil Sands Process Water. <i>Springer Protocols</i> , <b>2015</b> , 131-152	0.3	2
141	Growth of <i>Rhodococcus</i> sp. strain BCP1 on gaseous n-alkanes: new metabolic insights and transcriptional analysis of two soluble di-iron monooxygenase genes. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 393	5.7	27
140	Metabolomics reveals differences of metal toxicity in cultures of <i>Pseudomonas pseudoalcaligenes</i> KF707 grown on different carbon sources. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 827	5.7	43
139	Culturing oil sands microbes as mixed species communities enhances ex situ model naphthenic acid degradation. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 936	5.7	27
138	Selenite Protection of Tellurite Toxicity Toward <i>Escherichia coli</i> . <i>Frontiers in Molecular Biosciences</i> , <b>2015</b> , 2, 69	5.6	9
137	Biogenesis of <i>Escherichia coli</i> DMSO Reductase: A Network of Participants for Protein Folding and Complex Enzyme Maturation. <i>Advances in Experimental Medicine and Biology</i> , <b>2015</b> , 883, 215-34	3.6	
136	Thermodynamic characterization of the DmsD binding site for the DmsA twin-arginine motif. <i>Biochemistry</i> , <b>2015</b> , 54, 2040-51	3.2	4

135	Respiration and ecological niche influence bacterial membrane lipid compositions. <i>Environmental Microbiology</i> , <b>2015</b> , 17, 1777-93	5.2	2
134	A novel approach for harnessing biofilm communities in moving bed biofilm reactors for industrial wastewater treatment. <i>AIMS Bioengineering</i> , <b>2015</b> , 2, 387-403	3.4	10
133	Harnessing oil sands microbial communities for use in ex situ naphthenic acid bioremediation. <i>Chemosphere</i> , <b>2014</b> , 97, 78-85	8.4	35
132	Reduction of chalcogen oxyanions and generation of nanoprecipitates by the photosynthetic bacterium <i>Rhodobacter capsulatus</i> . <i>Journal of Hazardous Materials</i> , <b>2014</b> , 269, 24-30	12.8	34
131	Outer membrane protein OmpW participates with small multidrug resistance protein member EmrE in quaternary cationic compound efflux. <i>Journal of Bacteriology</i> , <b>2014</b> , 196, 1908-14	3.5	33
130	'Come into the fold': A comparative analysis of bacterial redox enzyme maturation protein members of the NarJ subfamily. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2014</b> , 1838, 2971-2984	3.8	14
129	Excited state photoreaction between the indole side chain of tryptophan and halocompounds generates new fluorophores and unique modifications. <i>Photochemistry and Photobiology</i> , <b>2014</b> , 90, 1027-33	3.6	10
128	Surveillance and molecular characterization of non-tuberculous mycobacteria in a hospital water distribution system over a three-year period. <i>Journal of Hospital Infection</i> , <b>2014</b> , 87, 59-62	6.9	15
127	Mixed-species biofilms cultured from an oil sand tailings pond can biomineralize metals. <i>Microbial Ecology</i> , <b>2014</b> , 68, 70-80	4.4	18
126	Unique Photobleaching Phenomena of the Twin-Arginine Translocase Respiratory Enzyme Chaperone DmsD. <i>The Open Biochemistry Journal</i> , <b>2014</b> , 8, 1-11	0.9	3
125	Effect of aluminium and copper on biofilm development of <i>Pseudomonas pseudoalcaligenes</i> KF707 and <i>P. fluorescens</i> as a function of different media compositions. <i>Metallomics</i> , <b>2013</b> , 5, 723-35	4.5	22
124	Visualizing a multidrug resistance protein, EmrE, with major bacterial lipids using Brewster angle microscopy. <i>Chemistry and Physics of Lipids</i> , <b>2013</b> , 167-168, 33-42	3.7	17
123	Spatial distributions of <i>Pseudomonas fluorescens</i> colony variants in mixed-culture biofilms. <i>BMC Microbiology</i> , <b>2013</b> , 13, 175	4.5	9
122	Antimicrobial activity of metals: mechanisms, molecular targets and applications. <i>Nature Reviews Microbiology</i> , <b>2013</b> , 11, 371-84	22.2	1440
121	Membrane composition influences the topology bias of bacterial integral membrane proteins. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2013</b> , 1828, 260-70	3.8	13
120	The cmbT gene encodes a novel major facilitator multidrug resistance transporter in <i>Lactococcus lactis</i> . <i>Research in Microbiology</i> , <b>2013</b> , 164, 46-54	4	7
119	Computational tools for the secondary analysis of metabolomics experiments. <i>Computational and Structural Biotechnology Journal</i> , <b>2013</b> , 4, e201301003	6.8	51
118	The hydrophobic region of the DmsA twin-arginine leader peptide determines specificity with chaperone DmsD. <i>Biochemistry</i> , <b>2013</b> , 52, 7532-41	3.2	14

117	Multi-species biofilms defined from drinking water microorganisms provide increased protection against chlorine disinfection. <i>Biofouling</i> , <b>2013</b> , 29, 917-28	3.3	92
116	Diversity and evolution of bacterial twin arginine translocase protein, TatC, reveals a protein secretion system that is evolving to fit its environmental niche. <i>PLoS ONE</i> , <b>2013</b> , 8, e78742	3.7	13
115	Evaluation of extraction protocols for simultaneous polar and non-polar yeast metabolite analysis using multivariate projection methods. <i>Metabolites</i> , <b>2013</b> , 3, 592-605	5.6	27
114	Microbial processing of tellurium as a tool in biotechnology. <i>Biotechnology Advances</i> , <b>2012</b> , 30, 954-63	17.8	86
113	Spectroscopic analysis of small multidrug resistance protein EmrE in the presence of various quaternary cation compounds. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2012</b> , 1818, 1318-31	3.8	9
112	Evaluation of microbial biofilm communities from an Alberta oil sands tailings pond. <i>FEMS Microbiology Ecology</i> , <b>2012</b> , 79, 240-50	4.3	68
111	Real-time imaging of lipid domains and distinct coexisting membrane protein clusters. <i>Chemistry and Physics of Lipids</i> , <b>2012</b> , 165, 216-24	3.7	15
110	Small multidrug resistance protein EmrE reduces host pH and osmotic tolerance to metabolic quaternary cation osmoprotectants. <i>Journal of Bacteriology</i> , <b>2012</b> , 194, 5941-8	3.5	33
109	Genome sequence of the polychlorinated-biphenyl degrader <i>Pseudomonas pseudoalcaligenes</i> KF707. <i>Journal of Bacteriology</i> , <b>2012</b> , 194, 4426-7	3.5	21
108	Synergistic effect of lipopeptide biosurfactant with antibiotics against <i>Escherichia coli</i> CFT073 biofilm. <i>International Journal of Antimicrobial Agents</i> , <b>2011</b> , 37, 324-31	14.3	51
107	Differences in metabolism between the biofilm and planktonic response to metal stress. <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 3190-9	5.6	109
106	A histidine-kinase cheA gene of <i>Pseudomonas pseudoalcaligenes</i> KF707 not only has a key role in chemotaxis but also affects biofilm formation and cell metabolism. <i>Biofouling</i> , <b>2011</b> , 27, 33-46	3.3	18
105	Metabolomics and its application to studying metal toxicity. <i>Metallomics</i> , <b>2011</b> , 3, 1142-52	4.5	41
104	Spectroscopic analysis of the intrinsic chromophores within small multidrug resistance protein SugE. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2011</b> , 1808, 2233-44	3.8	10
103	Towards understanding the Tat translocation mechanism through structural and biophysical studies of the amphipathic region of TatA from <i>Escherichia coli</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2011</b> , 1808, 2289-96	3.8	14
102	Analyses of both the alkB gene transcriptional start site and alkB promoter-inducing properties of <i>Rhodococcus</i> sp. strain BCP1 grown on n-alkanes. <i>Applied and Environmental Microbiology</i> , <b>2011</b> , 77, 1619-27	4.8	41
101	Identification of a novel ABC transporter required for desiccation tolerance, and biofilm formation in <i>Rhizobium leguminosarum</i> bv. <i>viciae</i> 3841. <i>FEMS Microbiology Ecology</i> , <b>2010</b> , 71, 327-40	4.3	80
100	Tolerance of <i>Pseudomonas pseudoalcaligenes</i> KF707 to metals, polychlorobiphenyls and chlorobenzoates: effects on chemotaxis-, biofilm- and planktonic-grown cells. <i>FEMS Microbiology Ecology</i> , <b>2010</b> , 74, 291-301	4.3	36



99	Microtiter susceptibility testing of microbes growing on peg lids: a miniaturized biofilm model for high-throughput screening. <i>Nature Protocols</i> , <b>2010</b> , 5, 1236-54	18.8	190
98	Phenotypic and metabolic profiling of colony morphology variants evolved from <i>Pseudomonas fluorescens</i> biofilms. <i>Environmental Microbiology</i> , <b>2010</b> , 12, 1565-77	5.2	37
97	Phenotypic diversification in vivo: <i>Pseudomonas aeruginosa</i> gacS- strains generate small colony variants in vivo that are distinct from in vitro variants. <i>Microbiology (United Kingdom)</i> , <b>2010</b> , 156, 3699-3709	2.9	11
96	Multimeric forms of the small multidrug resistance protein EmrE in anionic detergent. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2010</b> , 1798, 526-35	3.8	20
95	The activity of silver against <i>Escherichia coli</i> biofilm is increased by a lipopeptide biosurfactant. <i>Canadian Journal of Microbiology</i> , <b>2010</b> , 56, 272-8	3.2	24
94	Inorganic polyphosphate and energy metabolism in mammalian cells. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 9420-9428	5.4	132
93	Enhanced translocation of recombinant proteins via the Tat pathway with chaperones in <i>Escherichia coli</i> . <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2010</b> , 41, 540-546	5.3	0
92	Comparing system-specific chaperone interactions with their Tat dependent redox enzyme substrates. <i>FEBS Letters</i> , <b>2010</b> , 584, 4553-8	3.8	12
91	DmsD, a Tat system specific chaperone, interacts with other general chaperones and proteins involved in the molybdenum cofactor biosynthesis. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2010</b> , 1804, 1301-9	4	21
90	Visualizing interactions along the <i>Escherichia coli</i> twin-arginine translocation pathway using protein fragment complementation. <i>PLoS ONE</i> , <b>2010</b> , 5, e9225	3.7	33
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