Juan Luis Ramos MartÃ-n

List of Publications by Year
in descending order

293 papers	17,028 citations	13332 70 h-index	24511 114 g-index
298 all docs	298 docs citations	298 times ranked	14928 citing authors

#	Article	IF	Citations
1	<i>Microbial Biotechnology</i> 2022 and onwards. Microbial Biotechnology, 2022, 15, 5-5.	2.0	0
2	Addressing the energy crisis: using microbes to make biofuels. Microbial Biotechnology, 2022, 15, 1026-1030.	2.0	21
3	Microbial biotechnology to assure national security of supplies of essential resources: energy, food and water, medical reagents, waste disposal and a circular economy. Microbial Biotechnology, 2022, 15, 1021-1025.	2.0	6
4	Providing octane degradation capability to <i>Pseudomonas putida</i><scp>KT2440</scp> through the horizontal acquisition of <i>oct</i> genes located on an integrative and conjugative element. Environmental Microbiology Reports, 2022, 14, 934-946.	1.0	6
5	The soil crisis: the need to treat as a global health problem and the pivotal role of microbes in prophylaxis and therapy. Microbial Biotechnology, 2021, 14, 769-797.	2.0	53
6	Synthesis of aromatic amino acids from 2G lignocellulosic substrates. Microbial Biotechnology, 2021, 14, 1931-1943.	2.0	5
7	United Nations sustainability development goals approached from the side of the biological production of fuels. Microbial Biotechnology, 2021, 14, 1871-1877.	2.0	8
8	Extremophile enzymes for food additives and fertilizers. Microbial Biotechnology, 2021, 15, 81.	2.0	0
9	Highâ€quality genomeâ€scale metabolic modelling of <i>Pseudomonas putida</i> highlights its broad metabolic capabilities. Environmental Microbiology, 2020, 22, 255-269.	1.8	127
10	The versatility of Pseudomonas putida in the rhizosphere environment. Advances in Applied Microbiology, 2020, 110, 149-180.	1.3	14
11	The contribution of microbiology toward attainment of sustainable development goals: the need to conserve soil health while maximizing its productivity. Environmental Microbiology Reports, 2020, 13, 425-427.	1.0	7
12	Plant growthâ€stimulating rhizobacteria capable of producing L â€amino acids. Environmental Microbiology Reports, 2020, 12, 667-671.	1.0	1
13	Caring soils for sustainable land uses. Microbial Biotechnology, 2020, 13, 1309-1310.	2.0	3
14	Developing robust protein analysis profiles to identify bacterial acid phosphatases in genomes and metagenomic libraries. Environmental Microbiology, 2020, 22, 3561-3571.	1.8	9
15	Full Transcriptomic Response of Pseudomonas aeruginosa to an Inulin-Derived Fructooligosaccharide. Frontiers in Microbiology, 2020, 11, 202.	1.5	14
16	A research and technology valuation model for decision analysis in the environmental and renewable energy sectors. Renewable and Sustainable Energy Reviews, 2020, 122, 109726.	8.2	4
17	The urgent need for microbiology literacy in society. Environmental Microbiology, 2019, 21, 1513-1528.	1.8	99
18	Twentyâ€firstâ€century chemical odyssey: fuels versus commodities and cell factories versus chemical plants. Microbial Biotechnology, 2019, 12, 200-209.	2.0	16

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19	Ruminal metagenomic libraries as a source of relevant hemicellulolytic enzymes for biofuel production. Microbial Biotechnology, 2018, 11, 781-787.	2.0	16
20	Regulation of carbohydrate degradation pathways in <i>Pseudomonas</i> involves a versatile set of transcriptional regulators. Microbial Biotechnology, 2018, 11, 442-454.	2.0	44
21	Responses of bulk and rhizosphere soil microbial communities to thermoclimatic changes in a Mediterranean ecosystem. Soil Biology and Biochemistry, 2018, 118, 130-144.	4.2	23
22	JosÃ©â€Miguel Barea 1942â€"2018: the man that always smiles. Environmental Microbiology, 2018, 20, 2319-2321.	1.8	0
23	Interspecies crossâ€talk between coâ€cultured <i>Pseudomonas putida</i> and <i>Escherichia coli</i>. Environmental Microbiology Reports, 2017, 9, 441-448.	1.0	8
24	The pangenome of the genus <scp><i>C</i></scp><i>lostridium</i>. Environmental Microbiology, 2017, 19, 2588-2603.	1.8	43
25	Global transcriptional response of solventâ€sensitive and solventâ€tolerant <i>Pseudomonas putida</i> strains exposed to toluene. Environmental Microbiology, 2017, 19, 645-658.	1.8	36
26	The contribution of microbial biotechnology to sustainable development goals. Microbial Biotechnology, 2017, 10, 984-987.	2.0	73
27	The contribution of microbial biotechnology to economic growth and employment creation. Microbial Biotechnology, 2017, 10, 1137-1144.	2.0	30
28	Green biofuels and bioproducts: bases for sustainability analysis. Microbial Biotechnology, 2017, 10, 1111-1113.	2.0	13
29	Identification and elucidation of <i>in vivo</i> function of two alanine racemases from <i>Pseudomonas putida</i> KT2440. Environmental Microbiology Reports, 2017, 9, 581-588.	1.0	8
30	Enhancing ethanol yields through d-xylose and l-arabinose co-fermentation after construction of a novel high efficient l-arabinose-fermenting Saccharomyces cerevisiae strain. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.7	22
31	Back to the Future of Soil Metagenomics. Frontiers in Microbiology, 2016, 7, 73.	1.5	120
32	Iron Uptake Analysis in a Set of Clinical Isolates of Pseudomonas putida. Frontiers in Microbiology, 2016, 7, 2100.	1.5	6
33	Assessing Bacterial Diversity in the Rhizosphere of Thymus zygis Growing in the Sierra Nevada National Park (Spain) through Culture-Dependent and Independent Approaches. PLoS ONE, 2016, 11, e0146558.	1.1	47
34	Genetic and functional characterization of a novel metaâ€pathway for degradation of naringenin in <i>Herbaspirillum seropedicae</i> SmR1. Environmental Microbiology, 2016, 18, 4653-4661.	1.8	13
35	Analysis of the core genome and pangenome of <scp><i>P</i></scp><i>seudomonas putida</i>. Environmental Microbiology, 2016, 18, 3268-3283.	1.8	65
36	Paralogous Regulators ArsR1 and ArsR2 of Pseudomonas putida KT2440 as a Basis for Arsenic Biosensor Development. Applied and Environmental Microbiology, 2016, 82, 4133-4144.	1.4	32

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37	Understanding butanol tolerance and assimilation in <scp><i>P</i></scp><i>seudomonas putida</i>â€...<scp>BIRD</scp>â€1: an integrated omics approach. Microbial Biotechnology, 2016, 9, 100-115.	2.0	38
38	Firstâ€•and secondâ€generation biochemicals from sugars: biosynthesis of itaconic acid. Microbial Biotechnology, 2016, 9, 8-10.	2.0	12
39	New family of biosensors for monitoring BTX in aquatic and edaphic environments. Microbial Biotechnology, 2016, 9, 858-867.	2.0	28
40	Microbial Biotechnologyâ€2020. Microbial Biotechnology, 2016, 9, 529-529.	2.0	2
41	Biofuels 2020: Biorefineries based on lignocellulosic materials. Microbial Biotechnology, 2016, 9, 585-594.	2.0	189
42	Benefits and perspectives on the use of biofuels. Microbial Biotechnology, 2016, 9, 436-440.	2.0	59
43	A<i>Pseudomonas putida</i>double mutant deficient in butanol assimilation: a promising step for engineering a biological biofuel production platform. FEMS Microbiology Letters, 2016, 363, fnw018.	0.7	16
44	Pseudomonas putida as a platform for the synthesis of aromatic compounds. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	41
45	Specific Gene Loci of Clinical Pseudomonas putida Isolates. PLoS ONE, 2016, 11, e0147478.	1.1	28
46	Efflux pumpâ€deficient mutants as a platform to search for microbes that produce antibiotics. Microbial Biotechnology, 2015, 8, 716-725.	2.0	9
47	Farewell Wilfred. Microbial Biotechnology, 2015, 8, 899-899.	2.0	0
48	Analysis of the pathogenic potential of nosocomial Pseudomonas putida strains. Frontiers in Microbiology, 2015, 6, 871.	1.5	78
49	Mechanisms of solvent resistance mediated by interplay of cellular factors in<i>Pseudomonas putida</i>. FEMS Microbiology Reviews, 2015, 39, 555-566.	3.9	143
50	Differential transcriptional response to antibiotics by <scp><i>P</i></scp><i>seudomonas putida</i>â€...<scp>DOT</scp>â€<scp>T1E</scp>. Environmental Microbiology, 2015, 17, 3251-3262.	1.8	32
51	Draft wholeâ€genome sequence of the antibioticâ€producing soil isolate <scp><i>P</i></scp><i>seudomonas</i> sp. strain 250<scp>J</scp>. Environmental Microbiology Reports, 2015, 7, 288-292.	1.0	15
52	Engineering Biological Approaches for Detection of Toxic Compounds: A New Microbial Biosensor Based on the Pseudomonas putida TtgR Repressor. Molecular Biotechnology, 2015, 57, 558-564.	1.3	29
53	Restoration of a <scp>M</scp>editerranean forest after a fire: bioremediation and rhizoremediation fieldâ€scale trial. Microbial Biotechnology, 2015, 8, 77-92.	2.0	28
54	Draft Genome Sequence of Pseudomonas putida JLR11, a Facultative Anaerobic 2,4,6-Trinitrotoluene Biotransforming Bacterium. Genome Announcements, 2015, 3, .	0.8	7

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55	Multiple signals modulate the activity of the complex sensor kinase <scp>T</scp>od<scp>S</scp>. Microbial Biotechnology, 2015, 8, 103-115.	2.0	12
56	Events in Root Colonization by Pseudomonas putida. , 2015, , 251-286.		7
57	Diversity of small <scp>RNAs</scp> expressed in <scp><i>P</i></scp><i>seudomonas</i> species. Environmental Microbiology Reports, 2015, 7, 227-236.	1.0	27
58	Field trial on removal of petroleumâ€hydrocarbon pollutants using a microbial consortium for bioremediation and rhizoremediation. Environmental Microbiology Reports, 2015, 7, 85-94.	1.0	32
59	Molecular Binding Mechanism of TtgR Repressor to Antibiotics and Antimicrobials. PLoS ONE, 2015, 10, e0138469.	1.1	16
60	GtrS and GltR form a two-component system: the central role of 2-ketogluconate in the expression of exotoxin A and glucose catabolic enzymes in<i>Pseudomonas aeruginosa</i>. Nucleic Acids Research, 2014, 42, 7654-7665.	6.5	41
61	Microbial stratification in low pH oxic and suboxic macroscopic growths along an acid mine drainage. ISME Journal, 2014, 8, 1259-1274.	4.4	105
62	Pipelines for New Chemicals: a strategy to create new value chains and stimulate innovation-based economic revival in Southern European countries. Environmental Microbiology, 2014, 16, 9-18.	1.8	16
63	Synergic role of the two <scp><i>ars</i></scp> operons in arsenic tolerance in <scp><i>P</i></scp><i>seudomonas putida</i>â€…<scp>KT</scp>2440. Environmental Microbiology Reports, 2014, 6, 483-489.	1.0	32
64	Bactericidal and bacteriostatic antibiotics and the <scp>F</scp>enton reaction. Microbial Biotechnology, 2014, 7, 194-195.	2.0	5
65	The Prc and <scp>RseP</scp> proteases control bacterial cellâ€surface signalling activity. Environmental Microbiology, 2014, 16, 2433-2443.	1.8	32
66	Identification of New Residues Involved in Intramolecular Signal Transmission in a Prokaryotic Transcriptional Repressor. Journal of Bacteriology, 2014, 196, 588-594.	1.0	6
67	Exploring the rhizospheric and endophytic bacterial communities of Acer pseudoplatanus growing on a TNT-contaminated soil: towards the development of a rhizocompetent TNT-detoxifying plant growth promoting consortium. Plant and Soil, 2014, 385, 15-36.	1.8	54
68	Interspecies signalling: <i><scp>P</scp>seudomonas putida</i> efflux pump <scp>TtgGHI</scp> is activated by indole to increase antibiotic resistance. Environmental Microbiology, 2014, 16, 1267-1281.	1.8	77
69	Novel BRAFI599Ins Mutation Identified in a Follicular Variant of Papillary Thyroid Carcinoma: A Molecular Modeling Approach. Endocrine Practice, 2014, 20, e75-e79.	1.1	4
70	Characterization of Molecular Interactions Using Isothermal Titration Calorimetry. Methods in Molecular Biology, 2014, 1149, 193-203.	0.4	11
71	Antibiotic Resistance Determinants in a Pseudomonas putida Strain Isolated from a Hospital. PLoS ONE, 2014, 9, e81604.	1.1	86
72	Identification of reciprocal adhesion genes in pathogenic and nonâ€pathogenic <i>Pseudomonas</i>. Environmental Microbiology, 2013, 15, 36-48.	1.8	48

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73	Chemical and Microbiological Characterization of Atmospheric Particulate Matter during an Intense African Dust Event in Southern Spain. Environmental Science & Technology, 2013, 47, 3630-3638.	4.6	43
74	Analysis of the plant growthâ€promoting properties encoded by the genome of the rhizobacterium <i><scp>P</scp>seudomonas putida</i>â€…<scp>BIRD</scp>â€1. Environmental Microbiology, 2013, 15, 780-794.	1.8	89
75	Environmental biotechnology. Current Opinion in Biotechnology, 2013, 24, 421-422.	3.3	0
76	Plantâ€“bacteria interactions in the removal of pollutants. Current Opinion in Biotechnology, 2013, 24, 467-473.	3.3	118
77	Microbial Biotechnology: evolution of your premier journal. Microbial Biotechnology, 2013, 6, 1-2.	2.0	0
78	From the test tube to the environment â€“ and back. Environmental Microbiology, 2013, 15, 6-11.	1.8	14
79	Bacterial diversity in the rhizosphere of maize and the surrounding carbonateâ€rich bulk soil. Microbial Biotechnology, 2013, 6, 36-44.	2.0	120
80	<i>In vivo</i> gene expression of <i><scp>P</scp>seudomonas putida</i>â€…<scp>KT</scp>2440 in the rhizosphere of different plants. Microbial Biotechnology, 2013, 6, 307-313.	2.0	20
81	Complete Genome Sequence of a Pseudomonas putida Clinical Isolate, Strain H8234. Genome Announcements, 2013, 1, .	0.8	18
82	Transcriptional control by two interacting regulatory proteins: identification of the PtxS binding site at PtxR. Nucleic Acids Research, 2013, 41, 10150-10156.	6.5	7
83	Paralogous chemoreceptors mediate chemotaxis towards protein amino acids and the nonâ€protein amino acid gammaâ€aminobutyrate (<scp>GABA</scp>). Molecular Microbiology, 2013, 88, 1230-1243.	1.2	87
84	Metabolic potential of the organicâ€solvent tolerant P seudomonas putida â€… DOT â€•T1E deduced from its annotated genome. Microbial Biotechnology, 2013, 6, 598-611.	2.0	37
85	High Specificity in CheR Methyltransferase Function. Journal of Biological Chemistry, 2013, 288, 18987-18999.	1.6	33
86	Mechanisms of Resistance to Chloramphenicol in Pseudomonas putida KT2440. Antimicrobial Agents and Chemotherapy, 2012, 56, 1001-1009.	1.4	89
87	Involvement of the Global Crp Regulator in Cyclic AMP-Dependent Utilization of Aromatic Amino Acids by Pseudomonas putida. Journal of Bacteriology, 2012, 194, 406-412.	1.0	17
88	Evidence for chemoreceptors with bimodular ligand-binding regions harboring two signal-binding sites. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18926-18931.	3.3	68
89	Enhanced Tolerance to Naphthalene and Enhanced Rhizoremediation Performance for Pseudomonas putida KT2440 via the NAH7 Catabolic Plasmid. Applied and Environmental Microbiology, 2012, 78, 5104-5110.	1.4	61
90	Analysis of solvent tolerance in <i>Pseudomonas putida</i> DOTâ€T1E based on its genome sequence and a collection of mutants. FEBS Letters, 2012, 586, 2932-2938.	1.3	40

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91	Responses of Pseudomonas putida to toxic aromatic carbon sources. Journal of Biotechnology, 2012, 160, 25-32.	1.9	47
92	Solvent tolerance in Gram-negative bacteria. Current Opinion in Biotechnology, 2012, 23, 415-421.	3.3	169
93	Genes for Carbon Metabolism and the ToxA Virulence Factor in Pseudomonas aeruginosa Are Regulated through Molecular Interactions of PtxR and PtxS. PLoS ONE, 2012, 7, e39390.	1.1	33
94	Construction of a prototype two-component system from the phosphorelay system TodS/TodT. Protein Engineering, Design and Selection, 2012, 25, 159-169.	1.0	7
95	Explorative probes and biomarkers, chronic <i>Salmonella</i> infections and future vaccines. Microbial Biotechnology, 2012, 5, 1-4.	2.0	4
96	Study of the TmoS/TmoT twoâ€component system: towards the functional characterization of the family of TodS/TodT like systems. Microbial Biotechnology, 2012, 5, 489-500.	2.0	28
97	Evolution of antibiotic resistance, catabolic pathways and niche colonization. Microbial Biotechnology, 2012, 5, 452-454.	2.0	0
98	Transcriptional control of the main aromatic hydrocarbon efflux pump in <i>Pseudomonas</i>. Environmental Microbiology Reports, 2012, 4, 158-167.	1.0	21
99	Fatty acidâ€mediated signalling between two <i>Pseudomonas</i> species. Environmental Microbiology Reports, 2012, 4, 417-423.	1.0	20
100	Synergistic antitumoral effect of combination E gene therapy and Doxorubicin in MCF-7 breast cancer cells. Biomedicine and Pharmacotherapy, 2011, 65, 260-270.	2.5	12
101	The Pseudomonas aeruginosa quinolone quorum sensing signal alters the multicellular behaviour of Pseudomonas putida KT2440. Research in Microbiology, 2011, 162, 773-781.	1.0	37
102	PpoR, an orphan LuxRâ€family protein of <i>Pseudomonas putida</i> KT2440, modulates competitive fitness and surface motility independently of <i>N</i>â€acylhomoserine lactones. Environmental Microbiology Reports, 2011, 3, 79-85.	1.0	15
103	Diversity at its best: bacterial taxis. Environmental Microbiology, 2011, 13, 1115-1124.	1.8	123
104	The pGRT1 plasmid of <i>Pseudomonas putida</i> DOTâ€T1E encodes functions relevant for survival under harsh conditions in the environment. Environmental Microbiology, 2011, 13, 2315-2327.	1.8	43
105	Bacterial chemotaxis towards aromatic hydrocarbons in <i>Pseudomonas</i>. Environmental Microbiology, 2011, 13, 1733-1744.	1.8	78
106	Cyclic diguanylate turnover mediated by the sole GGDEF/EAL response regulator in <i>Pseudomonas putida</i>: its role in the rhizosphere and an analysis of its target processes. Environmental Microbiology, 2011, 13, 1745-1766.	1.8	81
107	Regulation of the cyclopropane synthase cfaB gene in Pseudomonas putida KT2440. FEMS Microbiology Letters, 2011, 321, 107-114.	0.7	13
108	Directed evolution, natural products for cancer chemotherapy, and microâ€biosensing robots. Microbial Biotechnology, 2011, 4, 314-317.	2.0	0

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109	Cold is cool, the human microbiota and taking multiple SIPs. Microbial Biotechnology, 2011, 4, 554-557.	2.0	0
110	Laboratory research aimed at closing the gaps in microbial bioremediation. Trends in Biotechnology, 2011, 29, 641-647.	4.9	74
111	Taxonomic and Functional Metagenomic Profiling of the Microbial Community in the Anoxic Sediment of a Sub-saline Shallow Lake (Laguna de Carrizo, Central Spain). Microbial Ecology, 2011, 62, 824-837.	1.4	51
112	Physiologically relevant divalent cations modulate citrate recognition by the McpS chemoreceptor. Journal of Molecular Recognition, 2011, 24, 378-385.	1.1	31
113	Intramolecular signal transmission in a tetrameric repressor of the IclR family. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15372-15377.	3.3	17
114	Complete Genome of the Plant Growth-Promoting Rhizobacterium<i>Pseudomonas putida</i>BIRD-1. Journal of Bacteriology, 2011, 193, 1290-1290.	1.0	52
115	Physiological and transcriptomic characterization of a <i>fliA</i> mutant of <i>Pseudomonas putida</i> KT2440. Environmental Microbiology Reports, 2010, 2, 373-380.	1.0	28
116	<i>Pseudomonas putida</i> KT2440 causes induced systemic resistance and changes in Arabidopsis root exudation. Environmental Microbiology Reports, 2010, 2, 381-388.	1.0	101
117	Functional analysis of new transporters involved in stress tolerance in <i>Pseudomonas putida</i> DOTâ€T1E. Environmental Microbiology Reports, 2010, 2, 389-395.	1.0	24
118	Gef gene therapy enhances the therapeutic efficacy of doxorubicin to combat growth of MCF-7 breast cancer cells. Cancer Chemotherapy and Pharmacology, 2010, 66, 69-78.	1.1	22
119	Metabolic engineering, new antibiotics and biofilm viscoelasticity. Microbial Biotechnology, 2010, 3, 10-14.	2.0	2
120	Sugar (ribose), spice (peroxidase) and all things nice (laccase hairâ€dyes). Microbial Biotechnology, 2010, 3, 131-133.	2.0	4
121	<i>Microbial Biotechnology</i>: biofuels, genotoxicity reporters and robust agroâ€ecosystems. Microbial Biotechnology, 2010, 3, 239-241.	2.0	2
122	Characterization of the RND family of multidrug efflux pumps: <i>in silico</i> to <i>in vivo</i> confirmation of four functionally distinct subgroups. Microbial Biotechnology, 2010, 3, 691-700.	2.0	37
123	Struggling to get a universal meningococcal vaccine and novel uses for bacterial toxins in cancer treatment. Microbial Biotechnology, 2010, 3, 359-361.	2.0	0
124	New molecular techniques for pathogen analysis, <i>in silico</i> determination of RND efflux pump substrate specificity, shotgun proteomic monitoring of bioremediation and yeast bioâ€applications. Microbial Biotechnology, 2010, 3, 624-627.	2.0	1
125	Variations on transcriptional and post-transcriptional processes in bacteria. FEMS Microbiology Reviews, 2010, 34, 607-610.	3.9	2
126	Regression of established subcutaneous B16â€F10 murine melanoma tumors after <i>gef</i> gene therapy associated with the mitochondrial apoptotic pathway. Experimental Dermatology, 2010, 19, 363-371.	1.4	13

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127	Identification and characterization of the PhhR regulon in <i>Pseudomonas putida</i>. Environmental Microbiology, 2010, 12, 1427-1438.	1.8	36
128	Identification of conditionally essential genes for growth of<i>Pseudomonas putida</i>KT2440 on minimal medium through the screening of a genomeâ€wide mutant library. Environmental Microbiology, 2010, 12, 1468-1485.	1.8	63
129	Sensing of environmental signals: classification of chemoreceptors according to the size of their ligand binding regions. Environmental Microbiology, 2010, 12, 2873-2884.	1.8	151
130	Domain Cross-talk during Effector Binding to the Multidrug Binding TTGR Regulator. Journal of Biological Chemistry, 2010, 285, 21372-21381.	1.6	26
131	Sequential XylS-CTD Binding to the Pm Promoter Induces DNA Bending Prior to Activation. Journal of Bacteriology, 2010, 192, 2682-2690.	1.0	16
132	Catabolite Repression of the TodS/TodT Two-Component System and Effector-Dependent Transphosphorylation of TodT as the Basis for Toluene Dioxygenase Catabolic Pathway Control. Journal of Bacteriology, 2010, 192, 4246-4250.	1.0	23
133	Global Regulation of Food Supply by <i>P</i> <i>seudomonas p</i> <i>utida</i> DOT-T1E. Journal of Bacteriology, 2010, 192, 2169-2181.	1.0	47
134	Compartmentalized Glucose Metabolism in <i>Pseudomonas putida</i> Is Controlled by the PtxS Repressor. Journal of Bacteriology, 2010, 192, 4357-4366.	1.0	38
135	Identification of a Chemoreceptor for Tricarboxylic Acid Cycle Intermediates. Journal of Biological Chemistry, 2010, 285, 23126-23136.	1.6	87
136	Bacterial Sensor Kinases: Diversity in the Recognition of Environmental Signals. Annual Review of Microbiology, 2010, 64, 539-559.	2.9	310
137	Urinary levels of arsenic and heavy metals in children and adolescents living in the industrialised area of Ria of Huelva (SW Spain). Environment International, 2010, 36, 563-569.	4.8	64
138	The Sensor Kinase TodS Operates by a Multiple Step Phosphorelay Mechanism Involving Two Autokinase Domains. Journal of Biological Chemistry, 2009, 284, 10353-10360.	1.6	34
139	Regulation of Glucose Metabolism in Pseudomonas. Journal of Biological Chemistry, 2009, 284, 21360-21368.	1.6	77
140	TtgV Represses Two Different Promoters by Recognizing Different Sequences. Journal of Bacteriology, 2009, 191, 1901-1909.	1.0	19
141	Redundancy of Enzymes for Formaldehyde Detoxification in <i>Pseudomonas putida</i>. Journal of Bacteriology, 2009, 191, 3367-3374.	1.0	20
142	Functional analysis of aromatic biosynthetic pathways in <i>Pseudomonas putida</i> KT2440. Microbial Biotechnology, 2009, 2, 91-100.	2.0	19
143	A broad range of themes in <i>Microbial Biotechnology</i>. Microbial Biotechnology, 2009, 2, 3-5.	2.0	0
144	Cyclopropane fatty acids are involved in organic solvent tolerance but not in acid stress resistance in <i>Pseudomonas putida</i> DOTâ€T1E. Microbial Biotechnology, 2009, 2, 253-261.	2.0	52

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145	Microbial responses to xenobiotic compounds. Identification of genes that allow <i>Pseudomonas putida</i> KT2440 to cope with 2,4,6â€trinitrotoluene. Microbial Biotechnology, 2009, 2, 287-294.	2.0	54
146	Removal of organic toxic chemicals in the rhizosphere and phyllosphere of plants. Microbial Biotechnology, 2009, 2, 144-146.	2.0	14
147	<i>Microbial Biotechnology</i> from medicine to bacterial population dynamics. Microbial Biotechnology, 2009, 2, 304-307.	2.0	2
148	Bacterial responses and interactions with plants during rhizoremediation. Microbial Biotechnology, 2009, 2, 452-464.	2.0	100
149	Twenty one important things you should know. Microbial Biotechnology, 2009, 2, 397-400.	2.0	0
150	New molecular tools for enhancing methane production, explaining thermodynamically limited lifestyles and other important biotechnological issues. Microbial Biotechnology, 2009, 2, 533-536.	2.0	17
151	The heat, drugs and knockout systems of <i>Microbial Biotechnology</i>. Microbial Biotechnology, 2009, 2, 598-600.	2.0	1
152	The cytotoxic activity of the phage E protein suppress the growth of murine B16 melanomas in vitro and in vivo. Journal of Molecular Medicine, 2009, 87, 899-911.	1.7	9
153	Microorganisms and Explosives: Mechanisms of Nitrogen Release from TNT for Use as an N-Source for Growth. Environmental Science & Technology, 2009, 43, 2773-2776.	4.6	38
154	PhhR Binds to Target Sequences at Different Distances with Respect to RNA Polymerase in Order to Activate Transcription. Journal of Molecular Biology, 2009, 394, 576-586.	2.0	16
155	Responses of Pseudomonas to small toxic molecules by a mosaic of domains. Current Opinion in Microbiology, 2009, 12, 215-220.	2.3	39
156	The enigma of cytosolic twoâ€component systems: a hypothesis. Environmental Microbiology Reports, 2009, 1, 171-176.	1.0	12
157	<i>In vivo</i> role of FdhD and FdmE in formate metabolism in <i>Pseudomonas putida</i>: Redundancy and expression in the stationary phase. Environmental Microbiology Reports, 2009, 1, 208-213.	1.0	5
158	Short and direct science: <i>Environmental Microbiology Reports</i>. Environmental Microbiology Reports, 2009, 1, 217-219.	1.0	1
159	In vivorole of FdhD and FdmE in formate metabolism inPseudomonas putida: redundancy and expression in the stationary phase. Environmental Microbiology Reports, 2009, 1, 468-468.	1.0	0
160	A general profile for the MerR family of transcriptional regulators constructed using the semiâ€automated Provalidator tool. Environmental Microbiology Reports, 2009, 1, 518-523.	1.0	6
161	Exploiting environmental niches and the potential of environmental microbes. Environmental Microbiology Reports, 2009, 1, 275-278.	1.0	1
162	Continuous cultures of Pseudomonas putida mt-2 overcome catabolic function loss under real case operating conditions. Applied Microbiology and Biotechnology, 2009, 83, 189-198.	1.7	13

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163	<i>Pseudomonas aeruginosa</i> strain RW41 mineralizes 4â€chlorobenzenesulfonate, the major polar byâ€product from DDT manufacturing. Environmental Microbiology, 2008, 10, 1591-1600.	1.8	4
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