

Julin Perera

List of Publications by Citations

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Version: 2024-04-25

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25
papers

552
citations

14
h-index

23
g-index

25
ext. papers

627
ext. citations

3.7
avg, IF

3.2
L-index

#	Paper	IF	Citations
25	B104, a new dispersed repeated gene family in <i>Drosophila melanogaster</i> and its analogies with retroviruses. <i>Journal of Molecular Biology</i> , 1982 , 157, 435-51	6.5	134
24	Molecular characterization of three 3-ketosteroid- Δ^1 -dehydrogenase isoenzymes of <i>Rhodococcus ruber</i> strain Chol-4. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012 , 132, 271-81	5.1	50
23	<i>Gordonia cholesterolivorans</i> sp. nov., a cholesterol-degrading actinomycete isolated from sewage sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 1011-5	2.2	31
22	ChoG is the main inducible extracellular cholesterol oxidase of <i>Rhodococcus</i> sp. strain CECT3014. <i>Microbiological Research</i> , 2011 , 166, 403-18	5.3	29
21	Genetic characterization of the styrene lower catabolic pathway of <i>Pseudomonas</i> sp. strain Y2. <i>Gene</i> , 2003 , 319, 71-83	3.8	28
20	Morphological, physiological, and molecular characterization of a newly isolated steroid-degrading actinomycete, identified as <i>Rhodococcus ruber</i> strain Chol-4. <i>Current Microbiology</i> , 2009 , 59, 548-53	2.4	27
19	Histone H4 from the fruit fly <i>Ceratitis capitata</i> . Circular dichroism studies. <i>Insect Biochemistry</i> , 1979 , 9, 43-48		27
18	Characterization of a second functional gene cluster for the catabolism of phenylacetic acid in <i>Pseudomonas</i> sp. strain Y2. <i>Gene</i> , 2004 , 341, 167-79	3.8	26
17	Coregulation by phenylacetyl-coenzyme A-responsive PaaX integrates control of the upper and lower pathways for catabolism of styrene by <i>Pseudomonas</i> sp. strain Y2. <i>Journal of Bacteriology</i> , 2006 , 188, 4812-21	3.5	23
16	Construction of a bacterial biosensor for styrene. <i>Journal of Biotechnology</i> , 2003 , 102, 301-6	3.7	23
15	Functional differentiation of 3-ketosteroid Δ^1 -dehydrogenase isozymes in <i>Rhodococcus ruber</i> strain Chol-4. <i>Microbial Cell Factories</i> , 2017 , 16, 42	6.4	19
14	The mer operon of the acidophilic bacterium <i>Thiobacillus</i> T3.2 diverges from its <i>Thiobacillus ferrooxidans</i> counterpart. <i>Extremophiles</i> , 1999 , 3, 35-43	3	18
13	Characterization of a new metal-mobilizing <i>Thiobacillus</i> isolate. <i>Archives of Microbiology</i> , 1993 , 159, 237-243		15
12	Histones from the fruit fly <i>Ceratitis capitata</i> . Isolation and characterization. <i>FEBS Journal</i> , 1974 , 48, 53-61		15
11	Cholesterol to cholestenone oxidation by ChoG, the main extracellular cholesterol oxidase of <i>Rhodococcus ruber</i> strain Chol-4. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014 , 139, 33-44 ^{5.1}		14
10	Design of catabolic cassettes for styrene biodegradation. <i>Antonie Van Leeuwenhoek</i> , 2003 , 84, 17-24	2.1	14
9	New insights into the genome of <i>Rhodococcus ruber</i> strain Chol-4. <i>BMC Genomics</i> , 2019 , 20, 332	4.5	11

8	Functional characterization of 3-ketosteroid 9 β hydroxylases in <i>Rhodococcus ruber</i> strain chol-4. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 172, 176-187	5.1	11
7	The styrene-responsive StyS/StyR regulation system controls expression of an auxiliary phenylacetyl-coenzyme A ligase: implications for rapid metabolic coupling of the styrene upper- and lower-degradative pathways. <i>Molecular Microbiology</i> , 2008 , 69, 317-30	4.1	10
6	Metabolic engineering of <i>Rhodococcus ruber</i> Chol-4: A cell factory for testosterone production. <i>PLoS ONE</i> , 2019 , 14, e0220492	3.7	8
5	Genetic analysis of phenylacetic acid catabolism in <i>Arthrobacter oxydans</i> CECT386. <i>Archives of Microbiology</i> , 2008 , 190, 89-100	3	8
4	Draft Genome Sequence of the Steroid Degradar <i>Rhodococcus ruber</i> Strain Chol-4. <i>Genome Announcements</i> , 2013 , 1,		7
3	pT3.2I, the smallest plasmid of <i>Thiobacillus</i> T3.2. <i>Plasmid</i> , 2000 , 44, 1-11	3.3	4
2	Analysis of Intermediates of Steroid Transformations in Resting Cells by Thin-Layer Chromatography (TLC). <i>Methods in Molecular Biology</i> , 2017 , 1645, 347-360	1.4	0
1	Histone H4 from the fruit fly <i>Ceratitis capitata</i> . Purification and characterization. <i>Insect Biochemistry</i> , 1979 , 9, 39-42		