

Reeta Davis

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,000
citations

471509

17
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1512
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical, physical and biotechnological approaches to the production of the potent antioxidant hydroxytyrosol. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 5957-5974.	3.6	46
2	Biocatalytic versatility of engineered and wild-type tyrosinase from <i>R. solanacearum</i> for the synthesis of 4-halocatechols. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 5121-5131.	3.6	9
3	Surfactant-mediated hydrothermal pretreatment of Ryegrass followed by enzymatic saccharification for polyhydroxyalkanoate production. <i>Industrial Crops and Products</i> , 2018, 111, 625-632.	5.2	29
4	Potent anti-melanogenic activity and favorable toxicity profile of selected 4-phenyl hydroxycoumarins in the zebrafish model and the computational molecular modeling studies. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 6286-6296.	3.0	19
5	Recent developments in biocatalysis beyond the laboratory. <i>Biotechnology Letters</i> , 2015, 37, 943-954.	2.2	48
6	High cell density cultivation of <i>Pseudomonas putida</i> KT2440 using glucose without the need for oxygen enriched air supply. <i>Biotechnology and Bioengineering</i> , 2015, 112, 725-733.	3.3	53
7	Use of a mannitol rich ensiled grass press juice (EGPJ) as a sole carbon source for polyhydroxyalkanoates (PHAs) production through high cell density cultivation. <i>Bioresource Technology</i> , 2015, 191, 45-52.	9.6	57
8	Medium chain length polyhydroxyalkanoate (mcl-PHA) production from volatile fatty acids derived from the anaerobic digestion of grass. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 611-620.	3.6	68
9	Fed-batch strategies using butyrate for high cell density cultivation of <i>Pseudomonas putida</i> and its use as a biocatalyst. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 9217-9228.	3.6	21
10	Conversion of grass biomass into fermentable sugars and its utilization for medium chain length polyhydroxyalkanoate (mcl-PHA) production by <i>Pseudomonas</i> strains. <i>Bioresource Technology</i> , 2013, 150, 202-209.	9.6	129
11	Evaluation of Fourier transform infrared (FT-IR) spectroscopy and chemometrics as a rapid approach for sub-typing <i>Escherichia coli</i> O157:H7 isolates. <i>Food Microbiology</i> , 2012, 31, 181-190.	4.2	20
12	Differentiation of live, dead and treated cells of <i>Escherichia coli</i> O157:H7 using FT-IR spectroscopy. <i>Journal of Applied Microbiology</i> , 2012, 112, 743-751.	3.1	21
13	Subtyping of <i>Listeria monocytogenes</i> at the haplotype level by Fourier transform infrared (FT-IR) spectroscopy and multivariate statistical analysis. <i>International Journal of Food Microbiology</i> , 2011, 150, 140-149.	4.7	37
14	Detection and differentiation of live and heat-treated <i>Salmonella enterica</i> serovars inoculated onto chicken breast using Fourier transform infrared (FT-IR) spectroscopy. <i>Journal of Applied Microbiology</i> , 2010, 109, 2019-2031.	3.1	27
15	Detection of <i>E. coli</i> O157:H7 from Ground Beef Using Fourier Transform Infrared (FT-IR) Spectroscopy and Chemometrics. <i>Journal of Food Science</i> , 2010, 75, M340-6.	3.1	54
16	Production and characterization of bacterial polyhydroxyalkanoate copolymers and evaluation of their blends by fourier transform infrared spectroscopy and scanning electron microscopy. <i>Indian Journal of Microbiology</i> , 2009, 49, 251-258.	2.7	58
17	Melamine Detection in Infant Formula Powder Using Near- and Mid-Infrared Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 3974-3980.	5.2	256
18	Role of (R)-specific enoyl coenzyme A hydratases of <i>Pseudomonas</i> sp in the production of polyhydroxyalkanoates. <i>Antonie Van Leeuwenhoek</i> , 2008, 93, 285-296.	1.7	16

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19	Biosynthesis of polyhydroxyalkanoates co-polymer in E. coli using genes from Pseudomonas and Bacillus. Antonie Van Leeuwenhoek, 2008, 94, 207-216.	1.7	25