

Joana L Rodrigues

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

622
citations

777949

13
h-index

721071

23
g-index

33
all docs

33
docs citations

33
times ranked

575
citing authors

#	ARTICLE	IF	CITATIONS
1	Heterologous production of chondroitin. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2022, 33, e00710.	2.1	9
2	Identification of novel aptamers targeting cathepsin B-overexpressing prostate cancer cells. <i>Molecular Systems Design and Engineering</i> , 2022, 7, 637-650.	1.7	4
3	Perspectives on the design of microbial cell factories to produce prenylflavonoids. <i>International Journal of Food Microbiology</i> , 2022, 367, 109588.	2.1	10
4	Curcumin biosynthesis from ferulic acid by engineered <i>Saccharomyces cerevisiae</i> . <i>Biotechnology Journal</i> , 2022, 17, e2100400.	1.8	9
5	One-step production of a novel prebiotic mixture using <i>Zymomonas mobilis</i> ZM4. <i>Biochemical Engineering Journal</i> , 2022, 183, 108443.	1.8	1
6	Heterologous Production of Acrylic Acid: Current Challenges and Perspectives. <i>SynBio</i> , 2022, 1, 3-32.	1.6	8
7	Tailoring fructooligosaccharides composition with engineered <i>Zymomonas mobilis</i> ZM4. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 4617-4626.	1.7	5
8	Biosynthesis and heterologous production of furanocoumarins: perspectives and current challenges. <i>Natural Product Reports</i> , 2021, 38, 869-879.	5.2	21
9	A kinetic model of the central carbon metabolism for acrylic acid production in <i>Escherichia coli</i> . <i>PLoS Computational Biology</i> , 2021, 17, e1008704.	1.5	10
10	Epilactose Biosynthesis Using Recombinant Cellobiose 2-Epimerase Produced by <i>Saccharomyces cerevisiae</i> . <i>ACS Food Science & Technology</i> , 2021, 1, 1578-1584.	1.3	4
11	Modification of PET surfaces with gum Arabic towards its bacterial anti-adhesiveness using an experimental factorial design approach. <i>Materials Today Communications</i> , 2021, 28, 102684.	0.9	3
12	CRISPR-Cas9: A Powerful Tool to Efficiently Engineer <i>Saccharomyces cerevisiae</i> . <i>Life</i> , 2021, 11, 13.	1.1	23
13	Novel Biorecognition Elements against Pathogens in the Design of State-of-the-Art Diagnostics. <i>Biosensors</i> , 2021, 11, 418.	2.3	19
14	Improved method for the extraction of high-quality DNA from lignocellulosic compost samples for metagenomic studies. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 8881-8893.	1.7	9
15	Cloning, Expression and Characterization of UDP-Glucose Dehydrogenases. <i>Life</i> , 2021, 11, 1201.	1.1	5
16	<i>Zymomonas mobilis</i> as an emerging biotechnological chassis for the production of industrially relevant compounds. <i>Bioresources and Bioprocessing</i> , 2021, 8, .	2.0	10
17	Synthetic Biology Approaches to Engineer <i>Saccharomyces cerevisiae</i> towards the Industrial Production of Valuable Polyphenolic Compounds. <i>Life</i> , 2020, 10, 56.	1.1	24
18	A Combinatorial Approach to Optimize the Production of Curcuminoids From Tyrosine in <i>Escherichia coli</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 59.	2.0	41

#	ARTICLE	IF	CITATIONS
19	Biotech Green Approaches to Unravel the Potential of Residues into Valuable Products. Nanotechnology in the Life Sciences, 2020, , 97-150.	0.4	3
20	Nanotechnology in Targeted Drug Delivery and Therapeutics. , 2019, , 357-409.		17
21	Potential Applications of the Escherichia coli Heat Shock Response in Synthetic Biology. Trends in Biotechnology, 2018, 36, 186-198.	4.9	38
22	Hydroxycinnamic acids and curcumin production in engineered Escherichia coli using heat shock promoters. Biochemical Engineering Journal, 2017, 125, 41-49.	1.8	35
23	Optimization of fermentation conditions for the production of curcumin by engineered <i>Escherichia coli</i>. Journal of the Royal Society Interface, 2017, 14, 20170470.	1.5	39
24	Synthetic Biology. , 2017, , 239-269.		3
25	Synthetic biology strategies towards the development of new bioinspired technologies for medical applications. , 2017, , 451-497.		5
26	Heterologous production of caffeic acid from tyrosine in Escherichia coli. Enzyme and Microbial Technology, 2015, 71, 36-44.	1.6	66
27	Heterologous Production of Curcuminoids. Microbiology and Molecular Biology Reviews, 2015, 79, 39-60.	2.9	68
28	Production of curcuminoids from tyrosine by a metabolically engineered <i>Escherichia coli</i> using caffeic acid as an intermediate. Biotechnology Journal, 2015, 10, 599-609.	1.8	47
29	Selection of Escherichia coli heat shock promoters toward their application as stress probes. Journal of Biotechnology, 2014, 188, 61-71.	1.9	18
30	Mobility of Cr, Pb, Cd, Cu and Zn in a loamy sand soil: A comparative study. Geoderma, 2011, 164, 232-237.	2.3	68