

Jagan M Billakanti

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

336
citations

1162367

8
h-index

1199166

12
g-index

14
all docs

14
docs citations

14
times ranked

629
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Enzyme-assisted extraction of fucoxanthin and lipids containing polyunsaturated fatty acids from <i>Undaria pinnatifida</i> using dimethyl ether and ethanol. <i>Process Biochemistry</i> , 2013, 48, 1999-2008. | 1.8 | 93 |
| 2 | Lipase mediated simultaneous esterification and epoxidation of oleic acid for the production of alkylepoxystearates. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2007, 44, 133-137. | 1.8 | 55 |
| 3 | Simultaneous, quantitative detection of five whey proteins in multiple samples by surface plasmon resonance. <i>International Dairy Journal</i> , 2010, 20, 96-105. | 1.5 | 48 |
| 4 | Characterisation of the First Enzymes Committed to Lysine Biosynthesis in <i>Arabidopsis thaliana</i> . <i>PLoS ONE</i> , 2012, 7, e40318. | 1.1 | 45 |
| 5 | INTEGRATED SUPERCRITICAL FLUID EXTRACTION AND BIOPROCESSING. <i>American Journal of Biochemistry and Biotechnology</i> , 2012, 8, 263-287. | 0.1 | 29 |
| 6 | Characterization of cryogel monoliths for extraction of minor proteins from milk by cation exchange. <i>Biotechnology and Bioengineering</i> , 2009, 103, 1155-1163. | 1.7 | 28 |
| 7 | Application of peptide chromatography for the isolation of antibodies from bovine skim milk, acid whey and colostrum. <i>Food and Bioproducts Processing</i> , 2014, 92, 199-207. | 1.8 | 10 |
| 8 | Fundamental characterisation of caseins harvested by dissolved air flotation from dairy wastewater and comparison with skim milk powder. <i>International Dairy Journal</i> , 2018, 78, 112-121. | 1.5 | 9 |
| 9 | Advanced analytical tools for bovine lactoferrin identification and quantification in raw skim milk to finished lactoferrin powders. <i>International Dairy Journal</i> , 2019, 99, 104546. | 1.5 | 6 |
| 10 | Comparative evaluation of integrated purification pathways for bacterial modular polyomavirus major capsid protein VP1 to produce virus-like particles using high throughput process technologies. <i>Journal of Chromatography A</i> , 2021, 1639, 461924. | 1.8 | 6 |
| 11 | Control strategy for multi-column continuous periodic counter current chromatography subject to fluctuating inlet stream concentration. <i>Journal of Chromatography A</i> , 2022, 1667, 462884. | 1.8 | 5 |
| 12 | Crystallization and preliminary X-ray diffraction analysis of dihydrodipicolinate synthase 2 from <i>Arabidopsis thaliana</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 1386-1390. | 0.7 | 2 |
| 13 | Use of cryogel monoliths for extraction of minor proteins from milk by cation exchange. <i>Journal of Bioscience and Bioengineering</i> , 2009, 108, S62. | 1.1 | 0 |
| 14 | Self-assembling dairy proteins for the production of novel bionanomaterials. <i>International Journal of Nanotechnology</i> , 2018, 15, 773. | 0.1 | 0 |