

# Jagan M Billakanti

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

336  
citations

1163117

8  
h-index

1199594

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.	3.7	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.	3.0	48
4	Characterisation of the First Enzymes Committed to Lysine Biosynthesis in <i>Arabidopsis thaliana</i> . <i>PLoS ONE</i> , 2012, 7, e40318.	2.5	45
5	INTEGRATED SUPERCRITICAL FLUID EXTRACTION AND BIOPROCESSING. <i>American Journal of Biochemistry and Biotechnology</i> , 2012, 8, 263-287.	0.4	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.	3.3	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.	3.6	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.	3.0	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.	3.0	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.	3.7	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.	3.7	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.	2.2	0
14	Self-assembling dairy proteins for the production of novel bionanomaterials. <i>International Journal of Nanotechnology</i> , 2018, 15, 773.	0.2	0