

Mirna González-González

List of Publications by Year in descending order

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29
papers

422
citations

687220

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752573

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all docs

29
docs citations

29
times ranked

399
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Developments in Biomarkers for Diagnosis and Screening of Type 2 Diabetes Mellitus. <i>Current Diabetes Reports</i> , 2022, 22, 95-115.	1.7	40
2	Development of a simple and flexible enzyme-based platform for the colorimetric detection of multiple biomarkers in non-conventional biofluids. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 1959-1965.	1.6	1
3	Influence of tie line length and volume ratio on the partition behavior of peripheral blood and conjugated CD34 antibody in polymer-polymer aqueous two-phase systems. <i>Separation and Purification Technology</i> , 2021, 257, 117830.	3.9	7
4	Microcarrier-based stem cell bioprocessing: GMP-grade culture challenges and future trends for regenerative medicine. <i>Critical Reviews in Biotechnology</i> , 2021, 41, 1081-1095.	5.1	15
5	Stem cell culture media enriched with plant-derived compounds: Cell proliferation enhancement. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 2426-2435.	1.6	2
6	Cover Image, Volume 96, Issue 9. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, i.	1.6	0
7	Current Challenges and Future Trends of Enzymatic Paper-Based Point-of-Care Testing for Diabetes Mellitus Type 2. <i>Biosensors</i> , 2021, 11, 482.	2.3	7
8	Enzymatic Methods for Salivary Biomarkers Detection: Overview and Current Challenges. <i>Molecules</i> , 2021, 26, 7026.	1.7	9
9	Characterization and optimization of immunoaffinity aqueous two-phase systems with PEGylated CD133/2-antibiotin antibody in route to stem cell separation. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 123-131.	1.6	3
10	Cell-based aqueous two-phase systems for therapeutics. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 8-10.	1.6	8
11	Lower Urinary Tract and Gastrointestinal Dysfunction Are Common in Early Parkinson's Disease. <i>Parkinson's Disease</i> , 2020, 2020, 1-8.	0.6	4
12	Laccases in Food Industry: Bioprocessing, Potential Industrial and Biotechnological Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 222.	2.0	97
13	Thermo-separating polymer-based aqueous two-phase systems for the recovery of PEGylated lysozyme species. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1105, 120-128.	1.2	9
14	Practical experiences from the bench-scale implementation of a bioprocess for fucoxanthin production. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 2033-2039.	1.6	7
15	Monolithic chromatography: insights and practical perspectives. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 9-13.	1.6	17
16	Recovery of PEGylated and native lysozyme using an <i>in situ</i> aqueous two-phase system directly from the PEGylation reaction. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 2519-2526.	1.6	9
17	Aqueous Two-Phase Systems for the Recovery of Bioparticles. <i>Food Engineering Series</i> , 2017, , 55-78.	0.3	4
18	<i>Pleurotus ostreatus</i> laccase recovery from residual compost using aqueous two-phase systems. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 2235-2242.	1.6	17

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19	Elimination of contaminants from cell preparations using aqueous two-phase partitioning. Separation and Purification Technology, 2016, 158, 103-107.	3.9	14
20	Application of affinity aqueous two-phase systems for the fractionation of CD133 ⁺ stem cells from human umbilical cord blood. Journal of Molecular Recognition, 2015, 28, 142-147.	1.1	15
21	Aldehyde PEGylation of laccase from <i>Trametes versicolor</i> in route to increase its stability: effect on enzymatic activity. Journal of Molecular Recognition, 2015, 28, 173-179.	1.1	19
22	Partition behavior of CD133 ⁺ stem cells from human umbilical cord blood in aqueous two-phase systems: In route to establish novel stem cell primary recovery strategies. Biotechnology Progress, 2014, 30, 700-707.	1.3	14
23	Aqueous two-phase systems strategies to establish novel bioprocesses for stem cells recovery. Critical Reviews in Biotechnology, 2014, 34, 318-327.	5.1	32
24	Case Studies in the Application of Aqueous Two-Phase Processes for the Recovery of High Value Biological Products. ACS Symposium Series, 2013, , 33-50.	0.5	0
25	PEGylation, detection and chromatographic purification of site-specific PEGylated CD133-Biotin antibody in route to stem cell separation. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 893-894, 182-186.	1.2	19
26	Current strategies and challenges for the purification of stem cells. Journal of Chemical Technology and Biotechnology, 2012, 87, 2-10.	1.6	26
27	Colorimetric protein quantification in aqueous two-phase systems. Process Biochemistry, 2011, 46, 413-417.	1.8	24
28	Aqueous two-phase systems in Latin America: perspective and future trends. Journal of Chemical Technology and Biotechnology, 0, , .	1.6	3
29	Advances, current challenges, and future trends in bioseparation: perspective analysis of the papers published in JCTB. Journal of Chemical Technology and Biotechnology, 0, , .	1.6	0