Mirna GonzÃ¡lez-GonzÃ¡lez

List of Publications by Year
in descending order

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29	422	687220 13	752573 20
papers	citations	h-index	g-index

29	29	29	399
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Laccases in Food Industry: Bioprocessing, Potential Industrial and Biotechnological Applications. Frontiers in Bioengineering and Biotechnology, 2020, 8, 222.	2.0	97
2	Recent Developments in Biomarkers for Diagnosis and Screening of Type 2 Diabetes Mellitus. Current Diabetes Reports, 2022, 22, 95-115.	1.7	40
3	Aqueous two-phase systems strategies to establish novel bioprocesses for stem cells recovery. Critical Reviews in Biotechnology, 2014, 34, 318-327.	5.1	32
4	Current strategies and challenges for the purification of stem cells. Journal of Chemical Technology and Biotechnology, 2012, 87, 2-10.	1.6	26
5	Colorimetric protein quantification in aqueous two-phase systems. Process Biochemistry, 2011, 46, 413-417.	1.8	24
6	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
7	Aldehyde PEGylation of laccase from Trametes versicolor in route to increase its stability: effect on enzymatic activity. Journal of Molecular Recognition, 2015, 28, 173-179.	1.1	19
8	Pleurotus ostreatuslaccase recovery from residual compost using aqueous two-phase systems. Journal of Chemical Technology and Biotechnology, 2016, 91, 2235-2242.	1.6	17
9	Monolithic chromatography: insights and practical perspectives. Journal of Chemical Technology and Biotechnology, 2017, 92, 9-13.	1.6	17
10	Application of affinity aqueous twoâ€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
11	Microcarrier-based stem cell bioprocessing: GMP-grade culture challenges and future trends for regenerative medicine. Critical Reviews in Biotechnology, 2021, 41, 1081-1095.	5.1	15
12	Partition behavior of CD133⁺ stem cells from human umbilical cord blood in aqueous twoâ€phase systems: In route to establish novel stem cell primary recovery strategies. Biotechnology Progress, 2014, 30, 700-707.	1.3	14
13	Elimination of contaminants from cell preparations using aqueous two-phase partitioning. Separation and Purification Technology, 2016, 158, 103-107.	3.9	14
14	Recovery of PEGylated and native lysozyme using an in situ aqueous twoâ€phase system directly from the PEGylation reaction. Journal of Chemical Technology and Biotechnology, 2017, 92, 2519-2526.	1.6	9
15	Thermo-separating polymer-based aqueous two-phase systems for the recovery of PEGylated lysozyme species. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1105, 120-128.	1.2	9
16	Enzymatic Methods for Salivary Biomarkers Detection: Overview and Current Challenges. Molecules, 2021, 26, 7026.	1.7	9
17	Cellâ€based aqueous twoâ€phase systems for therapeutics. Journal of Chemical Technology and Biotechnology, 2020, 95, 8-10.	1.6	8
18	Practical experiences from the benchâ€scale implementation of a bioprocess for fucoxanthin production. Journal of Chemical Technology and Biotechnology, 2018, 93, 2033-2039.	1.6	7

#	Article	IF	Citations
19	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. Separation and Purification Technology, 2021, 257, 117830.	3.9	7
20	Current Challenges and Future Trends of Enzymatic Paper-Based Point-of-Care Testing for Diabetes Mellitus Type 2. Biosensors, 2021, 11, 482.	2.3	7
21	Lower Urinary Tract and Gastrointestinal Dysfunction Are Common in Early Parkinsonâ€™s Disease. Parkinson's Disease, 2020, 2020, 1-8.	0.6	4
22	Aqueous Two-Phase Systems for the Recovery of Bioparticles. Food Engineering Series, 2017, , 55-78.	0.3	4
23	Characterization and optimization of immunoaffinity aqueous twoâ€phase systems with PEGylated CD133/2â€biotin antibody in route to stem cell separation. Journal of Chemical Technology and Biotechnology, 2020, 95, 123-131.	1.6	3
24	Aqueous twoâ€phase systems in Latin America: perspective and future trends. Journal of Chemical Technology and Biotechnology, 0, , .	1.6	3
25	Stem cell culture media enriched with plantâ€derived compounds: Cell proliferation enhancement. Journal of Chemical Technology and Biotechnology, 2021, 96, 2426-2435.	1.6	2
26	Development of a simple and flexible enzymeâ€based platform for the colorimetric detection of multiple biomarkers in nonâ€conventional biofluids. Journal of Chemical Technology and Biotechnology, 2022, 97, 1959-1965.	1.6	1
27	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
28	Cover Image, Volume 96, Issue 9. Journal of Chemical Technology and Biotechnology, 2021, 96, i.	1.6	0
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