

Yuansheng Yang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

1,749
citations

23
h-index

41
g-index

50
ext. papers

2,012
ext. citations

4.1
avg, IF

4.61
L-index

#	Paper	IF	Citations
49	A study of monoclonal antibody-producing CHO cell lines: what makes a stable high producer?. <i>Biotechnology and Bioengineering</i> , 2009 , 102, 1182-96	4.9	229
48	Advances in Mammalian cell line development technologies for recombinant protein production. <i>Pharmaceuticals</i> , 2013 , 6, 579-603	5.2	203
47	Challenges of glycosylation analysis and control: an integrated approach to producing optimal and consistent therapeutic drugs. <i>Drug Discovery Today</i> , 2016 , 21, 740-65	8.8	128
46	IRES-mediated Tricistronic vectors for enhancing generation of high monoclonal antibody expressing CHO cell lines. <i>Journal of Biotechnology</i> , 2012 , 157, 130-9	3.7	112
45	DNA methylation contributes to loss in productivity of monoclonal antibody-producing CHO cell lines. <i>Journal of Biotechnology</i> , 2010 , 147, 180-5	3.7	91
44	Cleavage efficient 2A peptides for high level monoclonal antibody expression in CHO cells. <i>MABs</i> , 2015 , 7, 403-12	6.6	78
43	Mammalian Systems Biotechnology Reveals Global Cellular Adaptations in a Recombinant CHO Cell Line. <i>Cell Systems</i> , 2017 , 4, 530-542.e6	10.6	65
42	Optimization of heavy chain and light chain signal peptides for high level expression of therapeutic antibodies in CHO cells. <i>PLoS ONE</i> , 2015 , 10, e0116878	3.7	58
41	Control of IgG LC:HC ratio in stably transfected CHO cells and study of the impact on expression, aggregation, glycosylation and conformational stability. <i>Journal of Biotechnology</i> , 2013 , 165, 157-66	3.7	57
40	Nonspecific interactions of chromatin with immunoglobulin G and protein A, and their impact on purification performance. <i>Journal of Chromatography A</i> , 2014 , 1340, 68-78	4.5	49
39	Impact of using different promoters and matrix attachment regions on recombinant protein expression level and stability in stably transfected CHO cells. <i>Molecular Biotechnology</i> , 2015 , 57, 138-44 ³		47
38	Inactivation of GDP-fucose transporter gene (Slc35c1) in CHO cells by ZFNs, TALENs and CRISPR-Cas9 for production of fucose-free antibodies. <i>Biotechnology Journal</i> , 2016 , 11, 399-414	5.6	43
37	Comparison of internal ribosome entry site (IRES) and Furin-2A (F2A) for monoclonal antibody expression level and quality in CHO cells. <i>PLoS ONE</i> , 2013 , 8, e63247	3.7	40
36	Evaluating post-transcriptional regulatory elements for enhancing transient gene expression levels in CHO K1 and HEK293 cells. <i>Protein Expression and Purification</i> , 2010 , 69, 9-15	2	38
35	Advance chromatin extraction improves capture performance of protein A affinity chromatography. <i>Journal of Chromatography A</i> , 2016 , 1431, 1-7	4.5	36
34	Overexpression of microRNAs enhances recombinant protein production in Chinese hamster ovary cells. <i>Biotechnology Journal</i> , 2014 , 9, 1140-51	5.6	36
33	Non-immunospecific association of immunoglobulin G with chromatin during elution from protein A inflates host contamination, aggregate content, and antibody loss. <i>Journal of Chromatography A</i> , 2015 , 1408, 151-60	4.5	30

32	An internal ribosome entry site (IRES) mutant library for tuning expression level of multiple genes in mammalian cells. <i>PLoS ONE</i> , 2013 , 8, e82100	3.7	30
31	Generation of monoclonal antibody-producing mammalian cell lines. <i>Pharmaceutical Bioprocessing</i> , 2013 , 1, 71-87		29
30	Enhanced expression of codon optimized interferon gamma in CHO cells. <i>Journal of Biotechnology</i> , 2013 , 167, 326-33	3.7	27
29	Chromatin-mediated depression of fractionation performance on electronegative multimodal chromatography media, its prevention, and ramifications for purification of immunoglobulin G. <i>Journal of Chromatography A</i> , 2014 , 1374, 145-155	4.5	27
28	Insertion of core CpG island element into human CMV promoter for enhancing recombinant protein expression stability in CHO cells. <i>Biotechnology Progress</i> , 2014 , 30, 523-34	2.8	26
27	Mutated polyadenylation signals for controlling expression levels of multiple genes in mammalian cells. <i>Biotechnology and Bioengineering</i> , 2009 , 102, 1152-60	4.9	25
26	Liquid formulations for long-term storage of monoclonal IgGs. <i>Applied Biochemistry and Biotechnology</i> , 2013 , 169, 1431-48	3.2	18
25	Evaluating regulatory elements of human cytomegalovirus major immediate early gene for enhancing transgene expression levels in CHO K1 and HEK293 cells. <i>Journal of Biotechnology</i> , 2010 , 147, 160-3	3.7	18
24	Identifying and engineering promoters for high level and sustainable therapeutic recombinant protein production in cultured mammalian cells. <i>Biotechnology Letters</i> , 2014 , 36, 1569-79	3	17
23	miR-92a enhances recombinant protein productivity in CHO cells by increasing intracellular cholesterol levels. <i>Biotechnology Journal</i> , 2017 , 12, 1600488	5.6	16
22	Toward stable gene expression in CHO cells. <i>Bioengineered</i> , 2014 , 5, 340-5	5.7	16
21	Rapid characterization of protein productivity and production stability of CHO cells by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 1407-12	2.2	16
20	Evaluating the use of a CpG free promoter for long-term recombinant protein expression stability in Chinese hamster ovary cells. <i>BMC Biotechnology</i> , 2016 , 16, 71	3.5	15
19	Targeting of embryonic annexin A2 expressed on ovarian and breast cancer by the novel monoclonal antibody 2448. <i>Oncotarget</i> , 2018 , 9, 13206-13221	3.3	15
18	96-well plate assay for sublethal metabolic activity. <i>Assay and Drug Development Technologies</i> , 2004 , 2, 353-61	2.1	10
17	Investigation of the effect of salt additives in Protein L affinity chromatography for the purification of tandem single-chain variable fragment bispecific antibodies. <i>MAbs</i> , 2020 , 12, 1718440	6.6	10
16	Optimized Selection Marker and CHO Host Cell Combinations for Generating High Monoclonal Antibody Producing Cell Lines. <i>Biotechnology Journal</i> , 2017 , 12, 1700175	5.6	9
15	IgG Aggregation Mechanism for CHO Cell Lines Expressing Excess Heavy Chains. <i>Molecular Biotechnology</i> , 2015 , 57, 625-34	3	9

14	Impact of hydrolysates on monoclonal antibody productivity, purification and quality in Chinese hamster ovary cells. <i>Journal of Bioscience and Bioengineering</i> , 2016 , 122, 499-506	3.3	9
13	Comparative phenotypic analysis of CHO clones and culture media for lactate shift. <i>Journal of Biotechnology</i> , 2018 , 283, 97-104	3.7	8
12	24-well plate spectrophotometric assay for preliminary screening of metabolic activity. <i>Assay and Drug Development Technologies</i> , 2003 , 1, 461-8	2.1	8
11	Proteomics insight into the production of monoclonal antibody. <i>Biochemical Engineering Journal</i> , 2019 , 145, 177-185	4.2	7
10	A comprehensive CHO SWATH-MS spectral library for robust quantitative profiling of 10,000 proteins. <i>Scientific Data</i> , 2020 , 7, 263	8.2	7
9	Characterization of DNA in cell culture supernatant by fluorescence-detection size-exclusion chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 4173-81	4.4	6
8	Post-transcriptional regulatory elements for enhancing transient gene expression levels in mammalian cells. <i>Methods in Molecular Biology</i> , 2012 , 801, 125-35	1.4	6
7	Impact of Signal Peptides on Furin-2A Mediated Monoclonal Antibody Secretion in CHO Cells. <i>Biotechnology Journal</i> , 2017 , 12, 1700268	5.6	5
6	Correlation Between Expression of Recombinant Proteins and Abundance of H3K4Me3 on the Enhancer of Human Cytomegalovirus Major Immediate-Early Promoter. <i>Molecular Biotechnology</i> , 2017 , 59, 315-322	3	5
5	Determination of carbon dioxide production rates for mammalian cells in 24-well plates. <i>BioTechniques</i> , 2004 , 36, 286-90, 292, 294-5	2.5	5
4	An IRES-Mediated Tricistronic Vector for Efficient Generation of Stable, High-Level Monoclonal Antibody Producing CHO DG44 Cell Lines. <i>Methods in Molecular Biology</i> , 2018 , 1827, 335-349	1.4	4
3	Conservation of oncofetal antigens on human embryonic stem cells enables discovery of monoclonal antibodies against cancer. <i>Scientific Reports</i> , 2018 , 8, 11608	4.9	3
2	Multiplexed engineering glycosyltransferase genes in CHO cells via targeted integration for producing antibodies with diverse complex-type N-glycans. <i>Scientific Reports</i> , 2021 , 11, 12969	4.9	3
1	Gold Nanoparticle-based "Mix and Measure" Fluorimetric Assays to Quantify Antibody Titer. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 3188-3193	4.5	0