

# Peter Morin Nissom

## List of Publications by Year in descending order

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30  
papers

1,287  
citations

331259

21  
h-index

476904

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1413  
citing authors

#	ARTICLE	IF	CITATIONS
1	An investigation of intracellular glycosylation activities in CHO cells: Effects of nucleotide sugar precursor feeding. <i>Biotechnology and Bioengineering</i> , 2010, 107, 321-336.	1.7	117
2	Transcriptome and Proteome Profiling to Understanding the Biology of High Productivity CHO Cells. <i>Molecular Biotechnology</i> , 2006, 34, 125-140.	1.3	112
3	Targeting early apoptotic genes in batch and fed-batch CHO cell cultures. <i>Biotechnology and Bioengineering</i> , 2006, 95, 350-361.	1.7	89
4	Global transcriptional analysis of metabolic burden due to plasmid maintenance in <i>Escherichia coli</i> DH5 $\alpha$ during batch fermentation. <i>Enzyme and Microbial Technology</i> , 2006, 39, 391-398.	1.6	86
5	Comparative transcriptional analysis of mouse hybridoma and recombinant Chinese hamster ovary cells undergoing butyrate treatment. <i>Journal of Bioscience and Bioengineering</i> , 2007, 103, 82-91.	1.1	81
6	Transcriptional profiling of apoptotic pathways in batch and fed-batch CHO cell cultures. <i>Biotechnology and Bioengineering</i> , 2006, 94, 373-382.	1.7	78
7	Low-cost cultivation of <i>Sporosarcina pasteurii</i> strain in food-grade yeast extract medium for microbially induced carbonate precipitation (MICP) application. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 17, 247-255.	1.5	75
8	EST sequencing for gene discovery in Chinese hamster ovary cells. <i>Biotechnology and Bioengineering</i> , 2005, 91, 592-606.	1.7	70
9	A novel normalization method for effective removal of systematic variation in microarray data. <i>Nucleic Acids Research</i> , 2006, 34, e38-e38.	6.5	70
10	Developing genomic platforms for Chinese hamster ovary cells. <i>Biotechnology Advances</i> , 2009, 27, 1028-1035.	6.0	55
11	Conserved MicroRNAs in Chinese hamster ovary cell lines. <i>Biotechnology and Bioengineering</i> , 2011, 108, 475-480.	1.7	49
12	Generation of High-Level Stable Transgene Expressing Human Embryonic Stem Cell Lines Using Chinese Hamster Elongation Factor-1 $\alpha$ Promoter System. <i>Stem Cells and Development</i> , 2008, 17, 825-836.	1.1	48
13	Inactivating FruR global regulator in plasmid-bearing <i>Escherichia coli</i> alters metabolic gene expression and improves growth rate. <i>Journal of Biotechnology</i> , 2007, 131, 261-269.	1.9	39
14	Annexin-A1 Regulates MicroRNA-26b* and MicroRNA-562 to Directly Target NF- $\kappa$ B and Angiogenesis in Breast Cancer Cells. <i>PLoS ONE</i> , 2014, 9, e114507.	1.1	39
15	Transcriptional profiling of batch and fed-batch protein-free 293-HEK cultures. <i>Metabolic Engineering</i> , 2007, 9, 52-67.	3.6	37
16	Co-expression of Skp and FkpA chaperones improves cell viability and alters the global expression of stress response genes during scFvD1.3 production. <i>Microbial Cell Factories</i> , 2010, 9, 22.	1.9	35
17	Zinc as an insulin replacement in hybridoma cultures. <i>Biotechnology and Bioengineering</i> , 2006, 93, 553-563.	1.7	34
18	Quality assessment of cross-species hybridization of CHO transcriptome on a mouse DNA oligo microarray. <i>Biotechnology and Bioengineering</i> , 2008, 101, 1359-1365.	1.7	32

#	ARTICLE	IF	CITATIONS
19	Specific detection of residual CHO host cell DNA by real-time PCR. <i>Biologicals</i> , 2007, 35, 211-215.	0.5	27
20	Assessing ureolytic bacteria with calcifying abilities isolated from limestone caves for biocalcification. <i>Letters in Applied Microbiology</i> , 2019, 68, 173-181.	1.0	26
21	Hcc-2, a novel mammalian ER thioredoxin that is differentially expressed in hepatocellular carcinoma. <i>FEBS Letters</i> , 2006, 580, 2216-2226.	1.3	24
22	Identification and expression analysis of miRNAs during batch culture of HEK-293 cells. <i>Journal of Biotechnology</i> , 2009, 140, 149-155.	1.9	22
23	Glutamine or Glucose Starvation in Hybridoma Cultures Induces Death Receptor and Mitochondrial Apoptotic Pathways. <i>Biotechnology Letters</i> , 2006, 28, 1445-1452.	1.1	14
24	Inhibition of human cytomegalovirus replication by overexpression of CREB1. <i>Antiviral Research</i> , 2014, 102, 11-22.	1.9	11
25	Screening for Urease-Producing Bacteria from Limestone Caves of Sarawak. <i>Borneo Journal of Resource Science and Technology</i> , 2016, 6, 37-45.	0.3	6
26	DNA damage inhibitory effect and phytochemicals of fermented red brown rice extract. <i>Asian Pacific Journal of Tropical Disease</i> , 2015, 5, 732-736.	0.5	4
27	Elevation of gamma-glutamyltransferase activity in 293 HEK cells constitutively expressing antisense glutaminase mRNA. <i>Metabolic Engineering</i> , 2005, 7, 375-383.	3.6	3
28	Lytic bacteriophages isolated from limestone caves for biocontrol of <i>Pseudomonas aeruginosa</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 34, 102011.	1.5	3
29	Identifying key signatures of highly productive CHO cells from transcriptome and proteome profiles. <i>Microbial Cell Factories</i> , 2006, 5, P96.	1.9	1
30	Genomics and Proteomics of Chinese Hamster Ovary (CHO) Cells. , 2007, , 49-68.		0