Joseph Shiloach

List of Publications by Year
in descending order

150	7,821	41344	54911
papers	citations	49 h-index	84 g-index

152	152	152	8717
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural Basis of Toll-Like Receptor 3 Signaling with Double-Stranded RNA. Science, 2008, 320, 379-381.	12.6	650
2	The Efficacy of aSalmonella typhiVi Conjugate Vaccine in Two-to-Five-Year-Old Children. New England Journal of Medicine, 2001, 344, 1263-1269.	27.0	438
3	Structure of the agonist-bound neurotensin receptor. Nature, 2012, 490, 508-513.	27.8	435
4	Growing E. coli to high cell densityâ€"A historical perspective on method development. Biotechnology Advances, 2005, 23, 345-357.	11.7	363
5	The molecular structure of the Toll-like receptor 3 ligand-binding domain. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10976-10980.	7.1	347
6	The Evolutionary Origins of Hormones, Neurotransmitters, and Other Extracellular Chemical Messengers. New England Journal of Medicine, 1982, 306, 523-527.	27.0	229
7	Structures of the Multidrug Transporter P-glycoprotein Reveal Asymmetric ATP Binding and the Mechanism of Polyspecificity. Journal of Biological Chemistry, 2017, 292, 446-461.	3.4	152
8	Treatment of Uveitis by Oral Administration of Retinal Antigens: Results of a Phase I/II Randomized Masked Trial. American Journal of Ophthalmology, 1997, 123, 583-592.	3.3	146
9	The beginnings of mucin biosynthesis: The crystal structure of UDP-GalNAc:polypeptide Â-N-acetylgalactosaminyltransferase-T1. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15307-15312.	7.1	142
10	Dimerization of the class A G protein-coupled neurotensin receptor NTS1 alters G protein interaction. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12199-12204.	7.1	134
11	Poly(Â-D-glutamic acid) protein conjugates induce IgG antibodies in mice to the capsule of Bacillus anthracis: A potential addition to the anthrax vaccine. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 8945-8950.	7.1	130
12	Production, Purification and Immunogenicity of a Malaria Transmission-Blocking Vaccine Candidate: TBV25H Expressed in Yeast and Purified Using Nickel-NTA Agarose. Bio/technology, 1994, 12, 494-499.	1.5	127
13	The solution structure of the human ETS1-DNA complex reveals a novel mode of binding and true side chain intercalation. Cell, 1995, 83, 761-771.	28.9	124
14	Glucose metabolism at high density growth ofE. coli B andE. coli K: Differences in metabolic pathways are responsible for efficient glucose utilization inE. coli B as determined by microarrays and Northern blot analyses. Biotechnology and Bioengineering, 2005, 90, 805-820.	3.3	122
15	CtIP Maintains Stability at Common Fragile Sites and Inverted Repeats by End Resection-Independent Endonuclease Activity. Molecular Cell, 2014, 54, 1012-1021.	9.7	122
16	Electronic control of gene expression and cell behaviour in Escherichia coli through redox signalling. Nature Communications, 2017, 8, 14030.	12.8	120
17	Zinc-Binding of Endostatin Is Essential for Its Antiangiogenic Activity. Biochemical and Biophysical Research Communications, 1998, 252, 190-194.	2.1	112
18	Evidence for an endogenous peptide ligand for the phencyclidine receptor. Peptides, 1984, 5, 967-973.	2.4	105

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19	Safety and Immunogenicity of ImprovedShigella O-Specific Polysaccharide-Protein Conjugate Vaccines in Adults in Israel. Infection and Immunity, 2001, 69, 1351-1357.	2.2	105
20	ENPP1-Fc prevents mortality and vascular calcifications in rodent model of generalized arterial calcification of infancy. Nature Communications, 2015, 6, 10006.	12.8	102
21	Transcription levels of key metabolic genes are the cause for different glucose utilization pathways in E. coli B (BL21) and E. coli K (JM109). Journal of Biotechnology, 2004, 109, 21-30.	3.8	98
22	Safety and immunogenicity of Shigella sonnei-CRM9 and Shigella flexneri type 2a-r EPAsucc conjugate vaccines in one- to four-year-old children. Pediatric Infectious Disease Journal, 2003, 22, 701-706.	2.0	91
23	Proposed mechanism of acetate accumulation in two recombinantEscherichia coli strains during high density fermentation. , 1998, 57, 71-78.		88
24	Glucose depletion activates mmu-miR-466h-5p expression through oxidative stress and inhibition of histone deacetylation. Nucleic Acids Research, 2012, 40, 7291-7302.	14.5	87
25	A novel microRNA mmuâ€miRâ€466h affects apoptosis regulation in mammalian cells. Biotechnology and Bioengineering, 2011, 108, 1651-1661.	3.3	86
26	Long-lasting and transmission-blocking activity of antibodies to Plasmodium falciparum elicited in mice by protein conjugates of Pfs25. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 293-298.	7.1	83
27	Effect of elevated oxygen concentration on bacteria, yeasts, and cells propagated for production of biological compounds. Microbial Cell Factories, 2014, 13, 181.	4.0	82
28	Modified Escherichia coli B (BL21), a superior producer of plasmid DNA compared with Escherichia coli K (DH5Î±). Biotechnology and Bioengineering, 2008, 101, 831-836.	3.3	77
29	CHO microRNA engineering is growing up: Recent successes and future challenges. Biotechnology Advances, 2013, 31, 1501-1513.	11.7	77
30	PERITRANSPLANT TOLERANCE INDUCTION WITH ANTI-CD3-IMMUNOTOXIN. Transplantation, 1998, 65, 1159-1169.	1.0	77
31	Clinical, metabolic, and antibody responses of adult volunteers to an investigational vaccine composed of pertussis toxin inactivated by hydrogen peroxide. Journal of Pediatrics, 1988, 113, 806-813.	1.8	76
32	Effect of methanol feeding strategies on production and yield of recombinant mouse endostatin fromPichia pastoris. Biotechnology and Bioengineering, 2003, 82, 438-444.	3.3	73
33	Automated large-scale purification of a G protein-coupled receptor for neurotensin. FEBS Letters, 2004, 564, 289-293.	2.8	71
34	Development of an improved vaccine for anthrax. Journal of Clinical Investigation, 2002, 110, 141-144.	8.2	71
35	Stable inhibition of mmu-miR-466h-5p improves apoptosis resistance and protein production in CHO cells. Metabolic Engineering, 2013, 16, 87-94.	7.0	70
36	Escherichia coli avoids high dissolved oxygen stress by activation of SoxRS and manganese-superoxide dismutase. Microbial Cell Factories, 2013, 12, 23.	4.0	67

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37	Impact of dissolved oxygen concentration on acetate accumulation and physiology of E. coli BL21, evaluating transcription levels of key genes at different dissolved oxygen conditions. Metabolic Engineering, 2005, 7, 353-363.	7.0	66
38	Control of carbon flux through enzymes of central and intermediary metabolism during growth of Escherichia coli on acetate. Current Opinion in Microbiology, 2006, 9, 173-179.	5.1	66
39	Conversion of MDCK cell line to suspension culture by transfecting with human siat7e gene and its application for influenza virus production. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14802-14807.	7.1	66
40	Correction of the NMR structure of the ETS1/DNA complex. Journal of Biomolecular NMR, 1997, 10, 317-328.	2.8	63
41	Expression, Purification, and Biochemical Characterization of the Amino-terminal Extracellular Domain of the Human Calcium Receptor. Journal of Biological Chemistry, 1999, 274, 11303-11309.	3.4	63
42	Synthesis, characterization, and immunogenicity in mice of Shigella sonnei O-specific oligosaccharide-core-protein conjugates. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7974-7978.	7.1	63
43	Is there an earlier phylogenetic precursor that is common to both the nervous and endocrine systems?. Peptides, 1982, 3, 211-215.	2.4	60
44	Vibrio cholerae O139 Conjugate Vaccines: Synthesis and Immunogenicity of V. cholerae O139 Capsular Polysaccharide Conjugates with Recombinant Diphtheria Toxin Mutant in Mice. Infection and Immunity, 2000, 68, 5037-5043.	2.2	59
45	Large-scale Expression and Purification of a G-protein-coupled Receptor for Structure Determination â€“ An Overview. Journal of Structural and Functional Genomics, 2005, 6, 159-163.	1.2	59
46	Effect of Dosage on Immunogenicity of a Vi Conjugate Vaccine Injected Twice into 2- to 5-Year-Old Vietnamese Children. Infection and Immunity, 2004, 72, 6586-6588.	2.2	57
47	Disruption of the KEX1 gene inPichia pastoris allows expression of full-length murine and human endostatin. , 1999, 15, 563-572.		56
48	Extracellular structure of polysialic acid explored by on cell solution NMR. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11557-11561.	7.1	55
49	Affecting HEK293 Cell Growth and Production Performance by Modifying the Expression of Specific Genes. Cells, 2021, 10, 1667.	4.1	53
50	Insulin-related material in microbes: similarities and differences from mammalian insulins. Canadian Journal of Biochemistry and Cell Biology, 1985, 63, 839-849.	1.3	52
51	Evidence for Helical Structure in a Tetramer of Î±2-8 Sialic Acid: Unveiling a Structural Antigen. Journal of the American Chemical Society, 2012, 134, 10717-10720.	13.7	52
52	Engineering cells to improve protein expression. Current Opinion in Structural Biology, 2014, 26, 32-38.	5.7	52
53	Enhancement of cell proliferation in various mammalian cell lines by gene insertion of a cyclin-dependent kinase homolog. BMC Biotechnology, 2007, 7, 71.	3.3	49
54	Bacillus subtilis contains multiple forms of somatostatin-like material. Biochemical and Biophysical Research Communications, 1985, 127, 713-719.	2.1	42

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55	Large-scale screening identifies a novel microRNA, miR-15a-3p, which induces apoptosis in human cancer cell lines. RNA Biology, 2013, 10, 287-300.	3.1	41
56	Syntheses and Immunologic Properties of Escherichia coli O157 O-Specific Polysaccharide and Shiga Toxin 1 B Subunit Conjugates in Mice. Infection and Immunity, 1999, 67, 6191-6193.	2.2	40
57	Use of hollow fiber tangential flow filtration for the recovery and concentration of HIV virus-like particles produced in insect cells. Journal of Virological Methods, 2014, 195, 240-246.	2.1	37
58	Glucose uptake regulation in E. coli by the small RNA SgrS: comparative analysis of E. coli K-12 (JM109) Tj ETQq0 0 0 rgBT /Overlock 10 T	4.0	35
59	Elucidation of the CHO Super-Ome (CHO-SO) by Proteoinformatics. Journal of Proteome Research, 2015, 14, 4687-4703.	3.7	35
60	The role of Cra in regulating acetate excretion and osmotic tolerance in E. coli K-12 and E. coli B at high density growth. Microbial Cell Factories, 2011, 10, 52.	4.0	34
61	Toward a new vaccine for pertussis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3213-3216.	7.1	34
62	Gi affects the agonist-binding properties of beta-adrenoceptors in the presence of Gs. FEBS Journal, 1988, 172, 239-246.	0.2	33
63	The molecular structure of the TLR3 extracellular domain. Journal of Endotoxin Research, 2006, 12, 375-378.	2.5	31
64	Rad50 Zinc Hook Is Important for the Mre11 Complex to Bind Chromosomal DNA Double-stranded Breaks and Initiate Various DNA Damage Responses. Journal of Biological Chemistry, 2012, 287, 31747-31756.	3.4	31
65	Recombinant human chromosomal proteins HMG-14 and HMG-17. Nucleic Acids Research, 1991, 19, 3115-3121.	14.5	30
66	Production of recombinant proteins by vaccinia virus in a microcarrier based mammalian cell perfusion bioreactor. Biotechnology and Bioengineering, 2005, 90, 663-674.	3.3	26
67	Adaptive Control Strategy for Maintaining Dissolved Oxygen Concentration in High Density Growth of Recombinant E. coli. Annals of the New York Academy of Sciences, 1992, 665, 320-333.	3.8	25
68	The beta-3 adrenergic agonist (CL-316,243) restores the expression of down-regulated fatty acid oxidation genes in type 2 diabetic mice. Nutrition and Metabolism, 2015, 12, 8.	3.0	25
69	Application of microarrays to identify and characterize genes involved in attachment dependence in HeLa cells. Metabolic Engineering, 2007, 9, 241-251.	7.0	24
70	Phase 1 Study of a Recombinant Mutant Protective Antigen of Bacillus anthracis. Vaccine Journal, 2012, 19, 140-145.	3.1	24
71	A novel knock out strategy to enhance recombinant protein expression in Escherichia coli. Microbial Cell Factories, 2020, 19, 148.	4.0	24
72	The cooperative binding of chromosomal protein HMG-14 to nucleosome cores is reduced by single point mutations in the nucleosomal binding domain. Nucleic Acids Research, 1994, 22, 4520-4526.	14.5	23

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73	Treatment with Succinic Anhydride Improves the Immunogenicity ofShigella flexneriType 2a O-Specific Polysaccharideâ€“Protein Conjugates in Mice. Infection and Immunity, 1999, 67, 5526-5529.	2.2	23
74	Production of HIV-1 gp120 in Packed-Bed Bioreactor Using the Vaccinia Virus/T7 Expression System. Biotechnology Progress, 2000, 16, 744-750.	2.6	22
75	Recovery of mouse endostatin produced by Pichia pastoris using expanded bed adsorption. Bioseparation, 2000, 9, 223-230.	0.7	22
76	Role of anti-angiogenic factor endostatin in the pathogenesis of experimental ulcerative colitis. Life Sciences, 2011, 88, 74-81.	4.3	22
77	Bacillus anthracis cell wall produces injurious inflammation but paradoxically decreases the lethality of anthrax lethal toxin in a rat model. Intensive Care Medicine, 2010, 36, 148-156.	8.2	21
78	Reducing acetate excretion from E. coli K-12 by over-expressing the small RNA SgrS. New Biotechnology, 2013, 30, 269-273.	4.4	21
79	A cross-species whole genome siRNA screen in suspension-cultured Chinese hamster ovary cells identifies novel engineering targets. Scientific Reports, 2019, 9, 8689.	3.3	21
80	Production, purification, and characterization of human Î±1 proteinase inhibitor from Aspergillus niger. Biotechnology and Bioengineering, 2009, 102, 828-844.	3.3	19
81	Analyzing metabolic variations in different bacterial strains, historical perspectives and current trends â€“ example E. coli. Current Opinion in Biotechnology, 2010, 21, 21-26.	6.6	19
82	MiRNA mimic screen for improved expression of functional neurotensin receptor from HEK 293 cells. Biotechnology and Bioengineering, 2015, 112, 1632-1643.	3.3	19
83	The specificity of peptidyl-tRNA hydrolase fromE. coli. FEBS Letters, 1975, 57, 130-133.	2.8	18
84	Use of Streamline chelating for capture and purification of poly-His-tagged recombinant proteins. Bioseparation, 1999, 8, 145-151.	0.7	18
85	Improving E. coli growth performance by manipulating small RNA expression. Microbial Cell Factories, 2017, 16, 198.	4.0	18
86	Genomeâ€scale RNA interference screen identifies antizyme 1 (OAZ1) as a target for improvement of recombinant protein production in mammalian cells. Biotechnology and Bioengineering, 2016, 113, 2403-2415.	3.3	17
87	Evaluating microarrays using a semiparametric approach: Application to the central carbon metabolism of Escherichia coli BL21 and JM109. Genomics, 2007, 89, 300-305.	2.9	16
88	Polyol accumulation in muscle and liver in a mouse model of type 2 diabetes. Journal of Diabetes and Its Complications, 2016, 30, 999-1007.	2.3	16
89	The influence of the peptide chain length on the activity of peptidyl-tRNA hydrolase from E. coli. Nucleic Acids Research, 1975, 2, 1941-1950.	14.5	15
90	Purification of Subunit B of Shiga Toxin Using a Synthetic Trisaccharide-Based Affinity Matrix. Bioconjugate Chemistry, 1996, 7, 45-55.	3.6	15

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91	Multi-Tissue Computational Modeling Analyzes Pathophysiology of Type 2 Diabetes in MKR Mice. PLoS ONE, 2014, 9, e102319.	2.5	15
92	Linking Phospho-Gonadotropin Regulated Testicular RNA Helicase (GRTH/DDX25) to Histone Ubiquitination and Acetylation Essential for Spermatid Development During Spermiogenesis. Frontiers in Cell and Developmental Biology, 2020, 8, 310.	3.7	15
93	Endostatin capture from Pichia pastoris culture in a fluidized bed. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 790, 327-336.	2.3	14
94	Egr1 and Gas6 facilitate the adaptation of HEKâ€293 cells to serumâ€free media by conferring enhanced viability and higher growth rates. Biotechnology and Bioengineering, 2008, 99, 1443-1452.	3.3	14
95	Production and antigenic properties of influenza virus from suspension MDCK-siat7e cells in a bench-scale bioreactor. Vaccine, 2010, 28, 7193-7201.	3.8	14
96	Exploiting the proteomics revolution in biotechnology: from disease and antibody targets to optimizing bioprocess development. Current Opinion in Biotechnology, 2014, 30, 80-86.	6.6	14
97	A comparison of strategies for immortalizing mouse embryonic fibroblasts. Journal of Biological Methods, 2016, 3, e41.	0.6	13
98	Exploring Vaccinia Virus as a Tool for Large-Scale Recombinant Protein Expression. Biotechnology Progress, 2003, 19, 130-136.	2.6	12
99	Cells by Design: A Mini-Review of Targeting Cell Engineering Using DNA Microarrays. Molecular Biotechnology, 2008, 39, 105-111.	2.4	12
100	Evaluation of Production Parameters with the Vaccinia Virus Expression System Using Microcarrier Attached HeLa Cells. Biotechnology Progress, 2008, 21, 554-561.	2.6	12
101	Production of recombinant protein by a novel oxygen-induced system in Escherichia coli. Microbial Cell Factories, 2014, 13, 50.	4.0	12
102	Constitutive expression of the sRNA GadY decreases acetate production and improves E. coli growth. Microbial Cell Factories, 2015, 14, 148.	4.0	12
103	Transient and Stable Expression of the Neurotensin Receptor NTS1: A Comparison of the Baculovirus-Insect Cell and the T-REx-293 Expression Systems. PLoS ONE, 2013, 8, e63679.	2.5	11
104	The Î²-reducing end in Î±(2â€“8)-polysialic acid constitutes a unique structural motif. Glycobiology, 2017, 27, 900-911.	2.5	11
105	Progressing from transient to stable packaging cell lines for continuous production of lentiviral and gammaretroviral vectors. Current Opinion in Chemical Engineering, 2018, 22, 128-137.	7.8	11
106	Methods for Using Small Non-Coding RNAs to Improve Recombinant Protein Expression in Mammalian Cells. Genes, 2018, 9, 25.	2.4	11
107	Identifying HIPK1 as Target of miRâ€22â€3p Enhancing Recombinant Protein Production From HEK 293 Cell by Using Microarray and HTP siRNA Screen. Biotechnology Journal, 2018, 13, 1700342.	3.5	10
108	Hollow Fiber Microfiltration Methods for Recovery of Rat Basophilic Leukemia Cells (RBLâ€”2H3) From Tissue Culture Media. Biotechnology Progress, 1986, 2, 230-233.	2.6	9

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109	Effect of Culturing Conditions on the Production of Exotoxin A by Pseudomonas aeruginosa. Annals of the New York Academy of Sciences, 1987, 506, 663-668.	3.8	9
110	A genetic model to study O-GlcNAc cycling in immortalized mouse embryonic fibroblasts. Journal of Biological Chemistry, 2018, 293, 13673-13681.	3.4	9
111	Expression of multidrug transporter Pâ€glycoprotein in Pichia pastoris affects the host's methanol metabolism. Microbial Biotechnology, 2019, 12, 1226-1236.	4.2	9
112	[56] Glucocerebrosidase from human placenta. Methods in Enzymology, 1978, 50, 529-532.	1.0	8
113	The Combined Use of Expanded-Bed Adsorption and Gradient Elution for Capture and Partial Purification of Mutant Diphtheria Toxin (CRM 9) fromCorynebacterium diphtheriae. Separation Science and Technology, 1999, 34, 29-40.	2.5	8
114	Improved protein expression in HEK293 cells by over-expressing miR-22 and knocking-out its target gene, HIPK1. New Biotechnology, 2020, 54, 28-33.	4.4	8
115	Insulin-related material in prokaryotes. FEMS Microbiology Letters, 1985, 29, 53-58.	1.8	7
116	Large scale cultivation of Bordetella pertussis in submerged culture for production of pertussis toxin. Applied Microbiology and Biotechnology, 1988, 28, 356-360.	3.6	7
117	Conjugates of Group A and W135 Capsular Polysaccharides of Neisseria meningitidis Bound to Recombinant Staphylococcus aureus Enterotoxin C1: Preparation, Physicochemical Characterization, and Immunological Properties in Mice. Infection and Immunity, 2005, 73, 7887-7893.	2.2	7
118	Effect of amino acids on transcription and translation of key genes in E. coli K and B grown at a steady state in minimal medium. New Biotechnology, 2019, 49, 120-128.	4.4	7
119	Use of an ethanol sensor for feedback control of growth and expression of TBV25H inSaccharomyces cerevisiae. Biotechnology and Bioengineering, 1999, 63, 285-289.	3.3	6
120	Mathematical modeling of mutant transferrin-CRM107 molecular conjugates for cancer therapy. Journal of Theoretical Biology, 2017, 416, 88-98.	1.7	6
121	Extraction of Insulin-Related Material and Other Peptide Hormones from Tetrahymena pyriformis. ACS Symposium Series, 1985, , 175-191.	0.5	5
122	Production of cholera toxin subunit B by a mutant strain of Vibrio cholerae. Applied Microbiology and Biotechnology, 1990, 33, 389-394.	3.6	5
123	Increasing dissolved-oxygen disrupts iron homeostasis in production cultures of Escherichia coli. Antonie Van Leeuwenhoek, 2017, 110, 115-124.	1.7	5
124	Effect of restricted dissolved oxygen on expression of Clostridium difficile toxin A subunit from E. coli. Scientific Reports, 2020, 10, 3059.	3.3	5
125	Knockout of the caspase 8â€associated protein 2 gene improves recombinant protein expression in HEK293 cells through upâ€regulation of the cyclinâ€dependent kinase inhibitor 2A gene. Biotechnology and Bioengineering, 2021, 118, 186-198.	3.3	5
126	Title is missing!. Biochemical Genetics, 2000, 38, 177-196.	1.7	4

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127	A study of the influence of the hydrophobic core residues of yeast iso-2-cytochrome c on phosphate binding: a probe of the hydrophobic core-surface charge interactions. The Protein Journal, 2001, 20, 203-215.	1.1	4
128	Inappropriate Angiogenic Response as a Novel Mechanism of Duodenal Ulceration and Impaired Healing. Digestive Diseases and Sciences, 2011, 56, 2792-2801.	2.3	4
129	Genome-Wide High-Throughput RNAi Screening for Identification of Genes Involved in Protein Production. Methods in Molecular Biology, 2018, 1850, 209-219.	0.9	4
130	Granulibacter bethesdensis, a Pathogen from Patients with Chronic Granulomatous Disease, Produces a Penta-Acylated Hypostimulatory Glycero-D-talo-oct-2-ulosonic Acidâ€“Lipid A Glycolipid (Ko-Lipid A). International Journal of Molecular Sciences, 2021, 22, 3303.	4.1	4
131	Stable Ectopic Expression of ST6GALNAC5 Induces Autocrine MET Activation and Anchorage-Independence in MDCK Cells. PLoS ONE, 2016, 11, e0148075.	2.5	4
132	Iron availability enhances the cellular energetics of aerobic Escherichia coli cultures while upregulating anaerobic respiratory chains. New Biotechnology, 2022, 71, 11-20.	4.4	4
133	Recovery of insect cells using hollow fiber microfiltration. Biotechnology and Bioengineering, 1995, 48, 401-405.	3.3	3
134	Production of a Malaria Transmission-Blocking Protein from Recombinant Yeast. Annals of the New York Academy of Sciences, 1996, 782, 123-132.	3.8	3
135	Anthrax Lethal Toxin Inhibits the Production of Proinflammatory Cytokines. Journal of Toxins, 2013, 2013, 1-7.	0.0	3
136	Harnessing Chinese hamster ovary cell proteomics for biopharmaceutical processing. Pharmaceutical Bioprocessing, 2014, 2, 421-435.	0.8	3
137	Effect of over expressing protective antigen on global gene transcription in Bacillus anthracis BH500. Scientific Reports, 2018, 8, 16108.	3.3	3
138	Knocking out Ornithine Decarboxylase Antizyme 1 (OAZ1) Improves Recombinant Protein Expression in the HEK293 Cell Line. Medical Sciences (Basel, Switzerland), 2018, 6, 48.	2.9	3
139	Production of Recombinant Protein Using the HeLa S3-Vaccinia Virus Expression System: Bioreactor Perfusion and Effects of Post-Infection Temperature. Bioscience, Biotechnology and Biochemistry, 2005, 69, 1065-1072.	1.3	2
140	Expression of the ace operon in Escherichia coli is triggered in response to growth rate-dependent flux-signal of ATP. FEMS Microbiology Letters, 2021, 368, .	1.8	2
141	Efficient biocatalysis of trillin through recombinant enzyme hydrolysis for clean diosgenin production. Chemical Engineering Research and Design, 2021, 153, 107-116.	5.6	2
142	Construction of Recombinant HEK293 Cell Lines for the Expression of the Neurotensin Receptor NTSR1. Methods in Molecular Biology, 2015, 1272, 51-64.	0.9	2
143	Hydrocortisone decreases lethality and inflammatory cytokine and nitric oxide production in rats challenged with B. anthracis cell wall peptidoglycan. Intensive Care Medicine Experimental, 2020, 8, 67.	1.9	2
144	Onâ€line Monitoring of Bacterial Mass during Production of Recombinant Exotoxin A. Annals of the New York Academy of Sciences, 1994, 745, 244-250.	3.8	1

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145	Vaccinia Virus-Based Expression of gp120 and EGFP: Survey of Mammalian Host Cell Lines. Biotechnology Progress, 2008, 21, 186-191.	2.6	1
146	Continuous production process of retroviral vector for adoptive T- cell therapy. Biochemical Engineering Journal, 2018, 132, 145-151.	3.6	1
147	Expression and production of pigment epithelium-derived factor (PEDF) and PEDF receptor variants from mammalian and bacterial cells. Protein Expression and Purification, 2022, 194, 106072.	1.3	1
148	Bioreactor operation for the production of exotoxin A byPseudomonas aeruginosa. Biotechnology and Bioengineering, 1989, 34, 1214-1220.	3.3	0
149	rAAV Production and Titration at the Microscale for High-Throughput Screening. Human Gene Therapy, 2021, , .	2.7	0
150	Linderstrom-Lang-Schellmans Model for Protein Stabilization Revisited. Current Protein and Peptide Science, 2004, 5, 275-286.	1.4	0