

# Amine A Kamen

## List of Publications by Year in descending order

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145  
papers

7,067  
citations

46918

47  
h-index

71532

76  
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147  
all docs

147  
docs citations

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times ranked

6183  
citing authors

#	ARTICLE	IF	CITATIONS
1	Establishment of the upstream processing for renewable production of hydrogen using vermicomposting-tea and molasses as substrate. <i>Waste Management</i> , 2022, 139, 279-289.	3.7	4
2	Only a small fraction of cells produce assembled capsids during transfection-based manufacturing of adeno-associated virus vectors. <i>Biotechnology and Bioengineering</i> , 2022, 119, 1685-1690.	1.7	10
3	Development and Scalable Production of Newcastle Disease Virus-Vectored Vaccines for Human and Veterinary Use. <i>Viruses</i> , 2022, 14, 975.	1.5	9
4	Overview of recent advances in Vero cells genomic characterization and engineering for high-throughput vaccine manufacturing. <i>Clinical and Translational Discovery</i> , 2022, 2, .	0.2	5
5	Advancements in molecular design and bioprocessing of recombinant adeno-associated virus gene delivery vectors using the insect cell baculovirus expression platform. <i>Biotechnology Journal</i> , 2021, 16, e2000021.	1.8	26
6	Cross-validation of ELISA and a portable surface plasmon resonance instrument for IgG antibody serology with SARS-CoV-2 positive individuals. <i>Analyst</i> , The, 2021, 146, 4905-4917.	1.7	28
7	Characterization of Extracellular Vesicles Secreted in Lentiviral Producing HEK293SF Cell Cultures. <i>Viruses</i> , 2021, 13, 797.	1.5	9
8	Bioreactor production of rVSV-based vectors in Vero cell suspension cultures. <i>Biotechnology and Bioengineering</i> , 2021, 118, 2649-2659.	1.7	15
9	Development and Validation of an Anion Exchange High-Performance Liquid Chromatography Method for Analysis of Empty Capsids and Capsids Encapsidating Genetic Material in a Purified Preparation of Recombinant Adeno-Associated Virus Serotype 5. <i>Human Gene Therapy</i> , 2021, 32, 1390-1402.	1.4	11
10	Recent advances and current challenges in process intensification of cell culture-based influenza virus vaccine manufacturing. <i>Canadian Journal of Chemical Engineering</i> , 2021, 99, 2525-2535.	0.9	7
11	Development of a scalable and robust AEX method for enriched rAAV preparations in genome-containing VCs of serotypes 5, 6, 8, and 9. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 21, 341-356.	1.8	38
12	Critical Assessment of Purification and Analytical Technologies for Enveloped Viral Vector and Vaccine Processing and Their Current Limitations in Resolving Co-Expressed Extracellular Vesicles. <i>Vaccines</i> , 2021, 9, 823.	2.1	14
13	Vectored-Vaccine Platforms Enabled Rapid Development of Safe and Effective Vaccines in Response to COVID-19 Pandemic Situation. <i>Vaccines</i> , 2021, 9, 722.	2.1	1
14	Haplotype-resolved de novo assembly of the Vero cell line genome. <i>Npj Vaccines</i> , 2021, 6, 106.	2.9	14
15	A Four-Step Purification Process for Gag VLPs: From Culture Supernatant to High-Purity Lyophilized Particles. <i>Vaccines</i> , 2021, 9, 1154.	2.1	9
16	Handling Massive Proportion of Missing Labels in Multivariate Long-Term Time Series Forecasting. <i>Journal of Physics: Conference Series</i> , 2021, 2090, 012170.	0.3	1
17	Process Development for Newcastle Disease Virus-Vectored Vaccines in Serum-Free Vero Cell Suspension Cultures. <i>Vaccines</i> , 2021, 9, 1335.	2.1	15
18	Adeno-Associated Viral Vectors for Homology-Directed Generation of CAR-T Cells. <i>Biotechnology Journal</i> , 2020, 15, e1900286.	1.8	9

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19	Rapid In-Process Monitoring of Lentiviral Vector Particles by High-Performance Liquid Chromatography. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 18, 803-810.	1.8	9
20	Rapid High-Yield Production of Functional SARS-CoV-2 Receptor Binding Domain by Viral and Non-Viral Transient Expression for Pre-Clinical Evaluation. <i>Vaccines</i> , 2020, 8, 654.	2.1	32
21	Establishing a Robust Manufacturing Platform for Recombinant Veterinary Vaccines: An Adenovirus-Vector Vaccine to Control Newcastle Disease Virus Infections of Poultry in Sub-Saharan Africa. <i>Vaccines</i> , 2020, 8, 338.	2.1	7
22	Vero cell upstream bioprocess development for the production of viral vectors and vaccines. <i>Biotechnology Advances</i> , 2020, 44, 107608.	6.0	66
23	A pooled genome-wide screening strategy to identify and rank influenza host restriction factors in cell-based vaccine production platforms. <i>Scientific Reports</i> , 2020, 10, 12166.	1.6	17
24	Evaluation of novel HIV vaccine candidates using recombinant vesicular stomatitis virus vector produced in serum-free Vero cell cultures. <i>Vaccine</i> , 2020, 38, 7949-7955.	1.7	8
25	Titration methods for rVSV-based vaccine manufacturing. <i>MethodsX</i> , 2020, 7, 100806.	0.7	12
26	Serum-free production of rVSV-ZEBOV in Vero cells: Microcarrier bioreactor versus scale-X $\hat{a}$ , $\phi$ hydro fixed-bed. <i>Journal of Biotechnology</i> , 2020, 310, 32-39.	1.9	24
27	Lentiviral Vector Production in Suspension Culture Using Serum-Free Medium for the Transduction of CAR-T Cells. <i>Methods in Molecular Biology</i> , 2020, 2086, 77-83.	0.4	6
28	Extended gene expression for Gag VLP production achieved at bioreactor scale. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 302-308.	1.6	14
29	Development of suspension adapted Vero cell culture process technology for production of viral vaccines. <i>Vaccine</i> , 2019, 37, 6996-7002.	1.7	42
30	Characterization of influenza H1N1 Gag virus-like particles and extracellular vesicles co-produced in HEK-293SF. <i>Vaccine</i> , 2019, 37, 7100-7107.	1.7	22
31	Vaccine Technology VII: Beyond the "decade of vaccines". <i>Vaccine</i> , 2019, 37, 6931-6932.	1.7	1
32	Production of rVSV-ZEBOV in serum-free suspension culture of HEK 293SF cells. <i>Vaccine</i> , 2019, 37, 6624-6632.	1.7	25
33	Achieving High-Yield Production of Functional AAV5 Gene Delivery Vectors via Fedbatch in an Insect Cell-One Baculovirus System. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 13, 279-289.	1.8	38
34	Cell Transfection. , 2019, , 383-390.		3
35	PRODUCTION AND PURIFICATION OF VIRAL VECTORS AND SAFETY CONSIDERATIONS RELATED TO THEIR USE. , 2019, , 565-587.		0
36	RNA interference technology to improve the baculovirus-insect cell expression system. <i>Biotechnology Advances</i> , 2018, 36, 443-451.	6.0	20

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37	Advancements in mammalian cell transient gene expression (TGE) technology for accelerated production of biologics. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 918-940.	5.1	54
38	Advancements in the design and scalable production of viral gene transfer vectors. <i>Biotechnology and Bioengineering</i> , 2018, 115, 25-40.	1.7	45
39	Large-Scale Transient Transfection of Suspension Mammalian Cells for VLP Production. <i>Methods in Molecular Biology</i> , 2018, 1674, 117-127.	0.4	7
40	Gene Transfer of ZMapp Antibodies Mediated by Recombinant Adeno-Associated Virus Protects Against Ebola Infections. <i>Human Gene Therapy</i> , 2018, 29, 452-466.	1.4	13
41	Manufacturing of recombinant adeno-associated viruses using mammalian expression platforms. <i>Biotechnology Journal</i> , 2017, 12, 1600193.	1.8	62
42	Endothelial IL-33 Expression Is Augmented by Adenoviral Activation of the DNA Damage Machinery. <i>Journal of Immunology</i> , 2017, 198, 3318-3325.	0.4	15
43	Accelerated mass production of influenza virus seed stocks in HEK-293 suspension cell cultures by reverse genetics. <i>Vaccine</i> , 2017, 35, 3423-3430.	1.7	12
44	Critical phases of viral production processes monitored by capacitance. <i>Journal of Biotechnology</i> , 2017, 242, 19-29.	1.9	20
45	Process intensification for high yield production of influenza H1N1 Gag virus-like particles using an inducible HEK-293 stable cell line. <i>Vaccine</i> , 2017, 35, 4220-4228.	1.7	25
46	Generation of monoclonal pan-hemagglutinin antibodies for the quantification of multiple strains of influenza. <i>PLoS ONE</i> , 2017, 12, e0180314.	1.1	8
47	Rational plasmid design and bioprocess optimization to enhance recombinant adeno-associated virus (AAV) productivity in mammalian cells. <i>Biotechnology Journal</i> , 2016, 11, 290-297.	1.8	38
48	292. Towards Large-Scale Manufacturing of Adeno-Associated Virus by Transient Transfection of HEK293 Suspension Cells in a Stirred Tank Bioreactor Using Serum-Free Medium. <i>Molecular Therapy</i> , 2016, 24, S117-S118.	3.7	3
49	Optimization and scale-up of cell culture and purification processes for production of an adenovirus-vectored tuberculosis vaccine candidate. <i>Vaccine</i> , 2016, 34, 3381-3387.	1.7	21
50	Hemagglutinin and neuraminidase containing virus-like particles produced in HEK-293 suspension culture: An effective influenza vaccine candidate. <i>Vaccine</i> , 2016, 34, 3371-3380.	1.7	44
51	Current and Emerging Cell Culture Manufacturing Technologies for Influenza Vaccines. <i>BioMed Research International</i> , 2015, 2015, 1-11.	0.9	116
52	Production of Lentiviral Vectors Encoding Recombinant Factor VIII Expression in Serum-Free Suspension Cultures. <i>Brazilian Archives of Biology and Technology</i> , 2015, 58, 923-928.	0.5	3
53	Critical assessment of influenza VLP production in Sf9 and HEK293 expression systems. <i>BMC Biotechnology</i> , 2015, 15, 31.	1.7	57
54	Influence of HEK293 metabolism on the production of viral vectors and vaccine. <i>Vaccine</i> , 2015, 33, 5974-5981.	1.7	33

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55	Large-scale adenovirus and poxvirus-vectored vaccine manufacturing to enable clinical trials. <i>Biotechnology Journal</i> , 2015, 10, 741-747.	1.8	39
56	Critical review of current and emerging quantification methods for the development of influenza vaccine candidates. <i>Vaccine</i> , 2015, 33, 5913-5919.	1.7	18
57	Particle quantification of influenza viruses by high performance liquid chromatography. <i>Vaccine</i> , 2015, 33, 78-84.	1.7	18
58	Establishment and validation of new complementing cells for production of E1-deleted adenovirus vectors in serum-free suspension culture. <i>Journal of Virological Methods</i> , 2014, 208, 177-188.	1.0	18
59	Manufacturing of viral vectors for gene therapy: part I. Upstream processing. <i>Pharmaceutical Bioprocessing</i> , 2014, 2, 183-203.	0.8	29
60	Production of adeno-associated virus (AAV) serotypes by transient transfection of HEK293 cell suspension cultures for gene delivery. <i>Journal of Virological Methods</i> , 2014, 196, 163-173.	1.0	75
61	Development of a vectored vaccine against Hepatitis E virus. <i>Vaccine</i> , 2014, 32, 2808-2811.	1.7	12
62	Evaluation of homogeneity and genetic stability of REOLYSIN <sup>®</sup> (pelareorep) by complete genome sequencing of reovirus after large scale production. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 1763-1770.	1.7	9
63	Analytical technologies for influenza virus-like particle candidate vaccines: challenges and emerging approaches. <i>Virology Journal</i> , 2013, 10, 141.	1.4	61
64	Real-time monitoring of influenza virus production kinetics in HEK293 cell cultures. <i>Biotechnology Progress</i> , 2013, 29, 275-284.	1.3	23
65	A novel polyethyleneimine-coated adeno-associated virus-like particle formulation for efficient siRNA delivery in breast cancer therapy: preparation and in vitro analysis. <i>International Journal of Nanomedicine</i> , 2012, 7, 1575.	3.3	26
66	Hyperosmotic pressure on HEK 293 cells during the growth phase, but not the production phase, improves adenovirus production. <i>Journal of Biotechnology</i> , 2012, 157, 228-236.	1.9	15
67	Process optimization and scale-up for production of rabies vaccine live adenovirus vector (AdRG1.3). <i>Vaccine</i> , 2012, 30, 300-306.	1.7	30
68	Probing inhibitory effects of nanocrystalline cellulose: inhibition versus surface charge. <i>Nanoscale</i> , 2012, 4, 1373.	2.8	76
69	An initiative to manufacture and characterize baculovirus reference material. <i>Journal of Invertebrate Pathology</i> , 2011, 107, S113-S117.	1.5	10
70	Manufacturing of Adenovirus Vectors: Production and Purification of Helper Dependent Adenovirus. <i>Methods in Molecular Biology</i> , 2011, 737, 139-156.	0.4	16
71	Insect cell technology is a versatile and robust vaccine manufacturing platform. <i>Expert Review of Vaccines</i> , 2011, 10, 1063-1081.	2.0	106
72	Unraveling the metabolism of HEK-293 cells using lactate isotopomer analysis. <i>Bioprocess and Biosystems Engineering</i> , 2011, 34, 263-273.	1.7	35

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73	Development and validation of a HPLC method for the quantification of baculovirus particles. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 61-68.	1.2	14
74	Metabolic and Kinetic analyses of influenza production in perfusion HEK293 cell culture. <i>BMC Biotechnology</i> , 2011, 11, 84.	1.7	60
75	Monitoring lentiviral vector production kinetics using online permittivity measurements. <i>Biochemical Engineering Journal</i> , 2011, 54, 16-25.	1.8	25
76	Overview of Current Scalable Methods for Purification of Viral Vectors. <i>Methods in Molecular Biology</i> , 2011, 737, 89-116.	0.4	53
77	Reassessing culture media and critical metabolites that affect adenovirus production. <i>Biotechnology Progress</i> , 2010, 26, 200-207.	1.3	19
78	An efficient process for the purification of helper-dependent adenoviral vector and removal of helper virus by iodixanol ultracentrifugation. <i>Journal of Virological Methods</i> , 2010, 165, 83-89.	1.0	23
79	Recent progress in lentiviral vector mass production. <i>Biochemical Engineering Journal</i> , 2010, 48, 362-377.	1.8	31
80	Effect of Surface Charge on the Cellular Uptake and Cytotoxicity of Fluorescent Labeled Cellulose Nanocrystals. <i>ACS Applied Materials &amp; Interfaces</i> , 2010, 2, 2924-2932.	4.0	286
81	Scalable production of influenza virus in HEK-293 cells for efficient vaccine manufacturing. <i>Vaccine</i> , 2010, 28, 3661-3671.	1.7	87
82	Improving adeno-associated vector yield in high density insect cell cultures. <i>Journal of Gene Medicine</i> , 2010, 12, 157-167.	1.4	36
83	Efficient Human Hematopoietic Cell Transduction Using RD114- and GALV-Pseudotyped Retroviral Vectors Produced in Suspension and Serum-Free Media. <i>Human Gene Therapy</i> , 2009, 20, 966-974.	1.4	52
84	Development of a scalable process for high yield lentiviral vector production by transient transfection of HEK293 suspension cultures. <i>Journal of Gene Medicine</i> , 2009, 11, 868-876.	1.4	117
85	Probing inhibitory effects of destruxins from <i>Metarhizium anisopliae</i> using insect cell based impedance spectroscopy: inhibition vs chemical structure. <i>Analyst</i> , 2009, 134, 1447.	1.7	11
86	Rapid and reliable quantification of reovirus type 3 by high performance liquid chromatography during manufacturing of Reolysin®. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 598-605.	1.4	6
87	Insights into the Central Metabolism of <i>Spodoptera frugiperda</i> (Sf-9) and <i>Trichoplusia ni</i> BTI-Tn-5B1-4(Tn-5) Insect Cells by Radiolabeling Studies. <i>Biotechnology Progress</i> , 2008, 21, 78-86.	1.3	29
88	Production of Recombinant Adeno-Associated Viral Vectors Using a Baculovirus/Insect Cell Suspension Culture System: From Shake Flasks to a 20-L Bioreactor. <i>Biotechnology Progress</i> , 2008, 21, 154-160.	1.3	66
89	Critical assessment of current adeno-associated viral vector production and quantification methods. <i>Biotechnology Advances</i> , 2008, 26, 73-88.	6.0	63
90	Development of a suspension serum-free helper-dependent adenovirus production system and assessment of co-infection conditions. <i>Journal of Virological Methods</i> , 2008, 148, 106-114.	1.0	15

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91	Probing Inhibitory Effects of <i>Antrodia camphorata</i> Isolates Using Insect Cell-Based Impedance Spectroscopy: Inhibition vs Chemical Structure. <i>Chemical Research in Toxicology</i> , 2008, 21, 2127-2133.	1.7	39
92	Identification of Host Proteins Associated with Retroviral Vector Particles by Proteomic Analysis of Highly Purified Vector Preparations. <i>Journal of Virology</i> , 2008, 82, 1107-1117.	1.5	61
93	Limiting factors governing protein expression following polyethylenimine-mediated gene transfer in HEK293-EBNA1 cells. <i>Journal of Biotechnology</i> , 2007, 128, 268-280.	1.9	82
94	A simple macroscopic model for the diffusion and adsorption kinetics of r-adenovirus. <i>Biotechnology and Bioengineering</i> , 2007, 98, 239-251.	1.7	7
95	Improving AAV vector yield in insect cells by modulating the temperature after infection. <i>Biotechnology and Bioengineering</i> , 2007, 97, 1501-1509.	1.7	27
96	Production of lentiviral vectors by large-scale transient transfection of suspension cultures and affinity chromatography purification. <i>Biotechnology and Bioengineering</i> , 2007, 98, 789-799.	1.7	113
97	Exploiting heparin-binding properties of MoMLV-based retroviral vectors for affinity chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 846, 124-131.	1.2	21
98	Primary recovery and chromatographic purification of adeno-associated virus type 2 produced by baculovirus/insect cell system. <i>Journal of Virological Methods</i> , 2007, 139, 61-70.	1.0	46
99	High yield purification of functional baculovirus vectors by size exclusion chromatography. <i>Journal of Virological Methods</i> , 2007, 142, 21-28.	1.0	50
100	Scalable serum-free production of recombinant adeno-associated virus type 2 by transfection of 293 suspension cells. <i>Journal of Virological Methods</i> , 2007, 144, 32-40.	1.0	77
101	Validation of a high-performance liquid chromatographic assay for the quantification of Reovirus particles type 3. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 45, 417-421.	1.4	5
102	Virus-like Particle and Viral Vector Production Using the Baculovirus Expression Vector System/Insect Cell System. <i>Methods in Molecular Biology</i> , 2007, 388, 281-296.	0.4	16
103	Stability of Serum-Free and Purified Baculovirus Stocks under Various Storage Conditions. <i>Biotechnology Progress</i> , 2006, 22, 319-325.	1.3	61
104	Multivariable Nonlinear Control of Biomass and Metabolite Concentrations in a High-Cell-Density Perfusion Bioreactor. <i>Industrial &amp; Engineering Chemistry Research</i> , 2006, 45, 8985-8997.	1.8	21
105	Large-Scale Transfection of Mammalian Cells for the Fast Production of Recombinant Protein. <i>Molecular Biotechnology</i> , 2006, 34, 225-238.	1.3	203
106	Downstream processing of oncoretroviral and lentiviral gene therapy vectors. <i>Biotechnology Advances</i> , 2006, 24, 321-337.	6.0	83
107	Purification and characterization of retrovirus vector particles by rate zonal ultracentrifugation. <i>Journal of Virological Methods</i> , 2006, 133, 82-91.	1.0	41
108	Analysis of baculovirus aggregates using flow cytometry. <i>Journal of Virological Methods</i> , 2006, 134, 8-14.	1.0	29

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109	Retroviral vector production using suspension-adapted 293GPG cells in a 3L acoustic filter-based perfusion bioreactor. <i>Biotechnology and Bioengineering</i> , 2006, 95, 653-660.	1.7	30
110	Production of adeno-associated viral vectors in insect cells using triple infection: Optimization of baculovirus concentration ratios. <i>Biotechnology and Bioengineering</i> , 2006, 95, 1081-1092.	1.7	47
111	A novel purification strategy for retrovirus gene therapy vectors using heparin affinity chromatography. <i>Biotechnology and Bioengineering</i> , 2005, 90, 391-404.	1.7	77
112	Purification of recombinant proteins from mammalian cell culture using a generic double-affinity chromatography scheme. <i>Protein Expression and Purification</i> , 2005, 40, 77-85.	0.6	46
113	Acoustic cell filter: a proven cell retention technology for perfusion of animal cell cultures. <i>Biotechnology Advances</i> , 2004, 22, 433-444.	6.0	59
114	Insights into adenoviral vector production kinetics in acoustic filter-based perfusion cultures. <i>Biotechnology and Bioengineering</i> , 2004, 86, 765-774.	1.7	76
115	Development and optimization of an adenovirus production process. <i>Journal of Gene Medicine</i> , 2004, 6, S184-S192.	1.4	168
116	High-performance liquid chromatographic total particles quantification of retroviral vectors pseudotyped with vesicular stomatitis virus-G glycoprotein. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 813, 167-173.	1.2	17
117	Micro-quantitation of lipids in serum-free cell culture media: a critical aspect is the minimization of interference from medium components and chemical reagents. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 810, 119-127.	1.2	7
118	Production of adenovirus vector for gene therapy. <i>Biotechnology Advances</i> , 2003, 20, 475-489.	6.0	135
119	Large-scale transient transfection of serum-free suspension-growing HEK293 EBNA1 cells: Peptone additives improve cell growth and transfection efficiency. <i>Biotechnology and Bioengineering</i> , 2003, 84, 332-342.	1.7	125
120	Improving Glucose and Glutamine Metabolism of Human HEK 293 and <i>Trichoplusia ni</i> Insect Cells Engineered To Express a Cytosolic Pyruvate Carboxylase Enzyme. <i>Biotechnology Progress</i> , 2003, 19, 90-97.	1.3	61
121	Size-Exclusion Chromatography Purification of High-Titer Vesicular Stomatitis Virus G Glycoprotein-Pseudotyped Retrovectors for Cell and Gene Therapy Applications. <i>Human Gene Therapy</i> , 2003, 14, 1139-1153.	1.4	69
122	Quantitation of baculovirus particles by flow cytometry. <i>Journal of Virological Methods</i> , 2002, 105, 321-330.	1.0	73
123	High-level and high-throughput recombinant protein production by transient transfection of suspension-growing human 293-EBNA1 cells. <i>Nucleic Acids Research</i> , 2002, 30, 9e-9.	6.5	913
124	Monitoring Motility, Spreading, and Mortality of Adherent Insect Cells Using an Impedance Sensor. <i>Analytical Chemistry</i> , 2001, 73, 1844-1848.	3.2	111
125	Increased Production of Active Human $\beta_2$ -Adrenergic/ $G_{i\pm s}$ Fusion Receptor in Sf-9 Cells Using Nutrient Limiting Conditions. <i>Protein Expression and Purification</i> , 2001, 23, 66-74.	0.6	6
126	Improved high-performance liquid chromatographic method in the analysis of adenovirus particles. <i>Biomedical Applications</i> , 2001, 755, 27-36.	1.7	43

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127	Validation of a high-performance liquid chromatographic assay for the quantification of adenovirus type 5 particles. <i>Biomedical Applications</i> , 2001, 761, 187-194.	1.7	26
128	Dystrophin Expression in Muscle Following Gene Transfer with a Fully Deleted ("Gutted") Adenovirus Is Markedly Improved by Trans-Acting Adenoviral Gene Products. <i>Human Gene Therapy</i> , 2001, 12, 1741-1755.	1.4	56
129	Understanding factors that limit the productivity of suspension-based perfusion cultures operated at high medium renewal rates. , 2000, 67, 435-450.		58
130	Enhanced growth of sf-9 cells to a maximum density of $5.2 \times 10^7$ cells per mL and production of $\beta$ -galactosidase at high cell density by fed batch culture. , 2000, 68, 381-388.		76
131	A Reporter Gene Assay for High-Throughput Screening of G-Protein-Coupled Receptors Stably or Transiently Expressed in HEK293 EBNA Cells Grown in Suspension Culture. <i>Analytical Biochemistry</i> , 2000, 284, 316-326.	1.1	118
132	On-Line Monitoring of Physiological Parameters of Insect Cell Cultures during the Growth and Infection Process. <i>Biotechnology Progress</i> , 2000, 16, 803-808.	1.3	55
133	Enhanced growth of sf-9 cells to a maximum density of $5.2 \times 10^7$ cells per mL and production of $\beta$ -galactosidase at high cell density by fed batch culture. , 2000, 68, 381.		1
134	Adaptive Control at Low Glucose Concentration of HEK-293 Cell Serum-Free Cultures. <i>Biotechnology Progress</i> , 1999, 15, 608-616.	1.3	50
135	Adenovirus-Mediated Utrophin Gene Transfer Mitigates the Dystrophic Phenotype of mdx Mouse Muscles. <i>Human Gene Therapy</i> , 1999, 10, 1299-1310.	1.4	108
136	Serum-free production of recombinant proteins and adenoviral vectors by 293SF-3F6 cells. <i>Biotechnology and Bioengineering</i> , 1998, 59, 567-575.	1.7	130
137	A TrkA-selective, Fast Internalizing Nerve Growth Factor-Antibody Complex Induces Trophic but Not Neurotogenic Signals. <i>Journal of Biological Chemistry</i> , 1998, 273, 34933-34940.	1.6	78
138	Study of Adenovirus Production in Serum-Free 293SF Suspension Culture by GFP-Expression Monitoring. <i>Biotechnology Progress</i> , 1997, 13, 709-714.	1.3	51
139	On-line monitoring of respiration in recombinant-baculovirus infected and uninfected insect cell bioreactor cultures. , 1996, 50, 36-48.		114
140	Use of the Centritech Lab Centrifuge for Perfusion Culture of Hybridoma Cells in Protein-Free Medium. <i>Biotechnology Progress</i> , 1996, 12, 855-864.	1.3	54
141	Scale-up of the adenovirus expression system for the production of recombinant protein in human 293S cells. <i>Cytotechnology</i> , 1994, 15, 145-155.	0.7	117
142	Baculovirus expression system scaleup by perfusion of high-density Sf-9 cell cultures. <i>Biotechnology and Bioengineering</i> , 1994, 43, 881-891.	1.7	48
143	Protein-free culture medium improvement: testing additives and their interactive effects in 96-well plates. <i>Applied Microbiology and Biotechnology</i> , 1993, 39, 577-584.	1.7	3
144	Growth, nutrient consumption, and end-product accumulation in Sf-9 and BTI-EAA insect cell cultures: Insights into growth limitation and metabolism. <i>Biotechnology Progress</i> , 1993, 9, 615-624.	1.3	111

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145	Production of Lentiviral Vectors Using a HEK-293 Producer Cell Line and Advanced Perfusion Processing. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	12