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List of Publications by Year
in descending order

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Version: 2024-02-01

39 papers	615 citations	623188 14 h-index	642321 23 g-index
40 all docs	40 docs citations	40 times ranked	804 citing authors

#	Article	IF	Citations
1	Discordant congenital Zika syndrome twins show differential in vitro viral susceptibility of neural progenitor cells. Nature Communications, 2018, 9, 475.	5.8	86
2	Zika Virus Selectively Kills Aggressive Human Embryonal CNS Tumor Cells In Vitro and In Vivo. Cancer Research, 2018, 78, 3363-3374.	0.4	54
3	Drosophila melanogaster S2 cells for expression of heterologous genes: From gene cloning to bioprocess development. Biotechnology Advances, 2012, 30, 613-628.	6.0	52
4	Rabies virus glycoprotein expression in Drosophila S2 cells. I. Functional recombinant protein in stable co-transfected cell line. Biotechnology Journal, 2007, 2, 102-109.	1.8	43
5	Analytical approach for the extraction of recombinant membrane viral glycoprotein from stably transfectedDrosophila melanogaster cells. Biotechnology Journal, 2008, 3, 98-103.	1.8	32
6	Rabies vaccine development by expression of recombinant viral glycoprotein. Archives of Virology, 2017, 162, 323-332.	0.9	23
7	Rabies virus glycoprotein expression in Drosophila S2 cells. I: Design of expression/selection vectors, subpopulations selection and influence of sodium butyrate and culture medium on protein expression. Journal of Biotechnology, 2009, 143, 103-110.	1.9	22
8	Recombinant rabies virus glycoprotein synthesis in bioreactor by transfected Drosophila melanogaster S2 cells carrying a constitutive or an inducible promoter. Journal of Biotechnology, 2010, 146, 169-172.	1.9	21
9	Quantitative RT-PCR for titration of replication-defective recombinant Semliki Forest virus. Journal of Virological Methods, 2013, 193, 647-652.	1.0	21
10	Enhancing effect of a protein from Lonomia obliqua hemolymph on recombinant protein production. Cytotechnology, 2008, 57, 83-91.	0.7	19
11	Differential gene expression elicited by ZIKV infection in trophoblasts from congenital Zika syndrome discordant twins. PLoS Neglected Tropical Diseases, 2020, 14, e0008424.	1.3	18
12	Enhanced production of recombinant rabies virus glycoprotein (rRVGP) by Drosophila melanogaster S2 cells through control of culture conditions. Cytotechnology, 2008, 57, 67-72.	0.7	17
13	Homologous prime-boost with Zika virus envelope protein and poly (I:C) induces robust specific humoral and cellular immune responses. Vaccine, 2020, 38, 3653-3664.	1.7	17
14	Growth of recombinant Drosophila melanogaster Schneider 2 cells producing rabies virus glycoprotein in bioreactor employing serum-free medium. Cytotechnology, 2008, 57, 73-81.	0.7	16
15	High-level expression of rabies virus glycoprotein with the RNA-based Semliki Forest Virus expression vector. Journal of Biotechnology, 2009, 139, 283-290.	1.9	16
16	Insect cell entrapment, growth and recovering using a single-use fixed-bed bioreactor. Scaling up and recombinant protein production. Journal of Biotechnology, 2015, 216, 110-115.	1.9	15
17	Characterization of growth and metabolism of Drosophila melanogaster cells transfected with the rabies-virus glycoprotein gene. Biotechnology and Applied Biochemistry, 2008, 49, 41.	1.4	13
18	Bioreactor culture of recombinant Drosophila melanogaster S2 cells: characterization of metabolic features related to cell growth and production of the rabies virus glycoprotein. Cytotechnology, 2008, 57, 61-66.	0.7	12

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19	A multivariate calibration procedure for UV/VIS spectrometric monitoring of BHKâ€21 cell metabolism and growth. Biotechnology Progress, 2014, 30, 241-248.	1.3	12
20	Production of Rabies VLPs in Insect Cells by Two Monocistronic Baculoviruses Approach. Molecular Biotechnology, 2021, 63, 1068-1080.	1.3	12
21	Effect of hypothermic temperatures on production of rabies virus glycoprotein by recombinant Drosophila melanogaster S2 cells cultured in suspension. Journal of Biotechnology, 2012, 161, 328-335.	1.9	11
22	Transient expression of rabies virus glycoprotein (RVGP) in Drosophila melanogaster Schneider 2 (S2) cells. Journal of Biotechnology, 2014, 192, 255-262.	1.9	11
23	Rabies virus glycoprotein and immune response pattern using recombinant protein or recombinant RNA viral vectors. Vaccine, 2014, 32, 2829-2832.	1.7	10
24	Impact of recombinant Drosophila S2 cell population enrichment on expression of rabies virus glycoprotein. Cytotechnology, 2016, 68, 2605-2611.	0.7	7
25	DROSOPHILA S2 cell culture in a WAVE Bioreactor: potential for scaling up the production of the recombinant rabies virus glycoprotein. Applied Microbiology and Biotechnology, 2018, 102, 4773-4783.	1.7	7
26	Behavior of Wild-type and Transfected S2 Cells Cultured in Two Different Media. Applied Biochemistry and Biotechnology, 2011, 163, 1-13.	1.4	6
27	Semliki Forest Virus replicon particles production in serum-free medium BHK-21 cell cultures and their use to express different proteins. Cytotechnology, 2019, 71, 949-962.	0.7	6
28	Study of kinetic parameters for the production of recombinant rabies virus glycoprotein. Cytotechnology, 2009, 60, 143-151.	0.7	5
29	Influence of aerationâ€“homogenization system in stirred tank bioreactors, dissolved oxygen concentration and pH control mode on BHK-21 cell growth and metabolism. Cytotechnology, 2014, 66, 605-17.	0.7	5
30	Kinetic studies of recombinant rabies virus glycoprotein (RVGP) cDNA transcription and mRNA translation in Drosophila melanogaster S2 cell populations. Cytotechnology, 2013, 65, 829-838.	0.7	5
31	Approach toward an efficient inoculum preparation stage for suspension BHK-21 cell culture. Cytotechnology, 2016, 68, 95-104.	0.7	5
32	Morphology of the Cutaneous Poison and Mucous Glands in Amphibians with Particular Emphasis on Caecilians (Siphonops annulatus). Toxins, 2021, 13, 779.	1.5	5
33	Semliki forest virus as a vector: pros and cons for its use in biopharmaceuticals production. Brazilian Archives of Biology and Technology, 2013, 56, 859-866.	0.5	4
34	Purification of rabies virus glycoprotein produced in <scp>Drosophila melanogaster S2</scp> cells: An efficient immunoaffinity method. Biotechnology Progress, 2020, 36, e3046.	1.3	3
35	Strategies for the Production of Soluble Interferon-Alpha Consensus and Potential Application in Arboviruses and SARS-CoV-2. Life, 2021, 11, 460.	1.1	3
36	Intracellular Delivery of HCV NS3p gene using vectored particles. Journal of Biotechnology, 2018, 274, 33-39.	1.9	1

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37	Expression of Viral Envelope Glycoproteins in Drosophila melanogaster S2 Cells. Methods in Molecular Biology, 2016, 1432, 103-118.	0.4	0
38	Production of Recombinant Rabies Virus Glycoprotein by Insect Cells in a Single-Use Fixed-Bed Bioreactor. Methods in Molecular Biology, 2018, 1674, 87-94.	0.4	0
39	An optimization study for expression of the rabies virus glycoprotein (RVGP) in mammalian cell lines using the Semliki Forest virus (SFV). Journal of Biotechnology, 2019, 304, 63-69.	1.9	0