

Eduard Puente-Massaguer

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

198
citations

1040056

9
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

160
citing authors

#	ARTICLE	IF	CITATIONS
1	Quality Assessment of Virus-Like Particles at Single Particle Level: A Comparative Study. <i>Viruses</i> , 2020, 12, 223.	3.3	30
2	Stability enhancement of clinical grade multipotent mesenchymal stromal cell-based products. <i>Journal of Translational Medicine</i> , 2018, 16, 291.	4.4	21
3	Nanoscale characterization coupled to multi-parametric optimization of Hi5 cell transient gene expression. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 10495-10510.	3.6	18
4	A statistical approach to improve compound screening in cell culture media. <i>Engineering in Life Sciences</i> , 2019, 19, 315-327.	3.6	17
5	Application of advanced quantification techniques in nanoparticle-based vaccine development with the Sf9 cell baculovirus expression system. <i>Vaccine</i> , 2020, 38, 1849-1859.	3.8	17
6	Integrating nanoparticle quantification and statistical design of experiments for efficient HIV-1 virus-like particle production in High Five cells. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1569-1582.	3.6	16
7	Development of a non-viral platform for rapid virus-like particle production in Sf9 cells. <i>Journal of Biotechnology</i> , 2020, 322, 43-53.	3.8	15
8	Quantification of the HIV-1 virus-like particle production process by super-resolution imaging: From VLP budding to nanoparticle analysis. <i>Biotechnology and Bioengineering</i> , 2020, 117, 1929-1945.	3.3	15
9	PEI-Mediated Transient Transfection of High Five Cells at Bioreactor Scale for HIV-1 VLP Production. <i>Nanomaterials</i> , 2020, 10, 1580.	4.1	12
10	Accelerating HIV-1 VLP production using stable High Five insect cell pools. <i>Biotechnology Journal</i> , 2021, 16, 2000391.	3.5	12
11	Micrometric DNA/PEI polyplexes correlate with higher transient gene expression yields in HEK 293 cells. <i>New Biotechnology</i> , 2022, 68, 87-96.	4.4	10
12	Coupling Microscopy and Flow Cytometry for a Comprehensive Characterization of Nanoparticle Production in Insect Cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2020, 97, 921-932.	1.5	8
13	Stable Sf9 cell pools as a system for rapid HIV-1 virus-like particle production. <i>Journal of Chemical Technology and Biotechnology</i> , 0, , .	3.2	4
14	Transduction of HEK293 Cells with BacMam Baculovirus Is an Efficient System for the Production of HIV-1 Virus-like Particles. <i>Viruses</i> , 2022, 14, 636.	3.3	3
15	Bioprocess characterization of virus-like particle production with the insect cell baculovirus expression system at nanoparticle level. <i>Journal of Chemical Technology and Biotechnology</i> , 0, , .	3.2	0