

# Leo A Behie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8633322/publications.pdf>

Version: 2024-02-01

25  
papers

1,065  
citations

430874

18  
h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1283  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioprocessing strategies for the large-scale production of human mesenchymal stem cells: a review. <i>Stem Cell Research and Therapy</i> , 2015, 6, 225.	5.5	126
2	Inoculation and growth conditions for high-cell-density expansion of mammalian neural stem cells in suspension bioreactors. <i>Biotechnology and Bioengineering</i> , 1999, 63, 473-483.	3.3	107
3	Modulation of the Mesenchymal Stem Cell Secretome Using Computer-Controlled Bioreactors: Impact on Neuronal Cell Proliferation, Survival and Differentiation. <i>Scientific Reports</i> , 2016, 6, 27791.	3.3	98
4	Bone Marrow Mesenchymal Stem Cells' Secretome Exerts Neuroprotective Effects in a Parkinson's Disease Rat Model. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 294.	4.1	70
5	Do hypoxia/normoxia culturing conditions change the neuroregulatory profile of Wharton Jelly mesenchymal stem cell secretome?. <i>Stem Cell Research and Therapy</i> , 2015, 6, 133.	5.5	67
6	Secretome of Undifferentiated Neural Progenitor Cells Induces Histological and Motor Improvements in a Rat Model of Parkinson's Disease. <i>Stem Cells Translational Medicine</i> , 2018, 7, 829-838.	3.3	56
7	Extended serial passaging of mammalian neural stem cells in suspension bioreactors. <i>Biotechnology and Bioengineering</i> , 1999, 65, 589-599.	3.3	55
8	A novel dielectrophoresis-based device for the selective retention of viable cells in cell culture media. <i>Biotechnology and Bioengineering</i> , 1997, 54, 239-250.		53
9	A two-stage bioreactor system for the production of recombinant proteins using a genetically engineered baculovirus/insect cell system. <i>Biotechnology and Bioengineering</i> , 1993, 42, 357-366.	3.3	52
10	Exploiting the impact of the secretome of MSCs isolated from different tissue sources on neuronal differentiation and axonal growth. <i>Biochimie</i> , 2018, 155, 83-91.	2.6	47
11	Cell cycle model for growth rate and death rate in continuous suspension hybridoma cultures. <i>Biotechnology and Bioengineering</i> , 1992, 40, 359-368.	3.3	45
12	Dielectrophoretic forces can be safely used to retain viable cells in perfusion cultures of animal cells. <i>Cytotechnology</i> , 1999, 30, 133-142.	1.6	44
13	A cellular automaton model for microcarrier cultures. <i>Biotechnology and Bioengineering</i> , 1994, 43, 90-100.	3.3	34
14	Bioreactor expansion of human neural precursor cells in serum-free media retains neurogenic potential. <i>Biotechnology and Bioengineering</i> , 2010, 105, 823-833.	3.3	31
15	Monoclonal antibody production in dialyzed continuous suspension culture. <i>Biotechnology and Bioengineering</i> , 1992, 39, 504-510.	3.3	30
16	Investigation of reduced serum and serum-free media for the cultivation of insect cells (Bm5) and the production of baculovirus (BmNPV). <i>Biotechnology and Bioengineering</i> , 1992, 40, 1165-1172.	3.3	24
17	Optimum infection conditions for recombinant protein production in insect cell (Bm5) suspension culture. <i>Biotechnology Progress</i> , 1994, 10, 636-643.	2.6	22
18	Extremely low frequency magnetic field induces human neuronal differentiation through NMDA receptor activation. <i>Journal of Neural Transmission</i> , 2019, 126, 1281-1290.	2.8	21

#	ARTICLE	IF	CITATIONS
19	Distributor effects in liquid fluidized beds of low-density particles. <i>AIChE Journal</i> , 1991, 37, 1825-1832.	3.6	20
20	Influence of passage number on the impact of the secretome of adipose tissue stem cells on neural survival, neurodifferentiation and axonal growth. <i>Biochimie</i> , 2018, 155, 119-128.	2.6	20
21	The development of a medium for the in vitro expansion of mammalian neural stem cells. <i>Canadian Journal of Chemical Engineering</i> , 1999, 77, 963-972.	1.7	19
22	Low-serum medium development for human diploid fibroblast microcarrier cultures. <i>Applied Microbiology and Biotechnology</i> , 1992, 38, 165-72.	3.6	8
23	Experimental determination of the rate of autolysis of trypsin at 37 $\pm$ 1/2°C. <i>Biotechnology Letters</i> , 1996, 10, 601-606.	0.5	8
24	Foam fractionation of spent sulphite liquor: Part I: Separation of surfactants. <i>Canadian Journal of Chemical Engineering</i> , 1979, 57, 321-326.	1.7	5
25	Inoculation and growth conditions for high cell density expansion of mammalian neural stem cells in suspension bioreactors. <i>Biotechnology and Bioengineering</i> , 1999, 63, 473-483.	3.3	3