

Robert James Thomas

List of Publications by Year in descending order

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15
papers

517
citations

1039406

9
h-index

996533

15
g-index

16
all docs

16
docs citations

16
times ranked

889
citing authors

#	ARTICLE	IF	CITATIONS
1	The importance of cell culture parameter standardization: an assessment of the robustness of the 2102Ep reference cell line. <i>Bioengineered</i> , 2021, 12, 341-357.	1.4	3
2	Understanding cell culture dynamics: a tool for defining protocol parameters for improved processes and efficient manufacturing using human embryonic stem cells. <i>Bioengineered</i> , 2021, 12, 979-996.	1.4	5
3	A Monte Carlo framework for managing biological variability in manufacture of autologous cell therapy from mesenchymal stromal cells therapies. <i>Cytotherapy</i> , 2020, 22, 227-238.	0.3	11
4	The productivity limit of manufacturing blood cell therapy in scalable stirred bioreactors. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e368-e378.	1.3	25
5	Human-Induced Pluripotent Stem Cells Generate Light Responsive Retinal Organoids with Variable and Nutrient-Dependent Efficiency. <i>Stem Cells</i> , 2018, 36, 1535-1551.	1.4	149
6	Automated image analysis with the potential for process quality control applications in stem cell maintenance and differentiation. <i>Biotechnology Progress</i> , 2016, 32, 215-223.	1.3	7
7	Visualizing medium and biodistribution in complex cell culture bioreactors using <i>in vivo</i> imaging. <i>Biotechnology Progress</i> , 2014, 30, 256-260.	1.3	3
8	Translating Cell-Based Regenerative Medicines from Research to Successful Products: Challenges and Solutions. <i>Tissue Engineering - Part B: Reviews</i> , 2014, 20, 246-256.	2.5	11
9	A novel automated bioreactor for scalable process optimisation of haematopoietic stem cell culture. <i>Journal of Biotechnology</i> , 2012, 161, 387-390.	1.9	32
10	Automated Adherent Human Cell Culture (Mesenchymal Stem Cells). <i>Methods in Molecular Biology</i> , 2012, 806, 393-406.	0.4	5
11	Current understanding and challenges in bioprocessing of stem cell-based therapies for regenerative medicine. <i>British Medical Bulletin</i> , 2011, 100, 137-155.	2.7	83
12	Automated, serum-free production of CTX0E03: a therapeutic clinical grade human neural stem cell line. <i>Biotechnology Letters</i> , 2009, 31, 1167-1172.	1.1	41
13	Remedi: A Research Consortium Applying Engineering Strategies to Establish Regenerative Medicine as a New Industry. <i>IFMBE Proceedings</i> , 2009, , 2209-2212.	0.2	0
14	Application of process quality engineering techniques to improve the understanding of the in vitro processing of stem cells for therapeutic use. <i>Journal of Biotechnology</i> , 2008, 136, 148-155.	1.9	60
15	Manufacture of a human mesenchymal stem cell population using an automated cell culture platform. <i>Cytotechnology</i> , 2007, 55, 31-39.	0.7	55