

Amit Chandra

List of Publications by Year in descending order

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17
papers

678
citations

840585

11
h-index

887953

17
g-index

18
all docs

18
docs citations

18
times ranked

888
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated, scalable culture of human embryonic stem cells in feeder-free conditions. <i>Biotechnology and Bioengineering</i> , 2009, 102, 1636-1644.	1.7	147
2	Quality control guidelines for clinical-grade human induced pluripotent stem cell lines. <i>Regenerative Medicine</i> , 2018, 13, 859-866.	0.8	147
3	Manufacture of a human mesenchymal stem cell population using an automated cell culture platform. <i>Cytotechnology</i> , 2007, 55, 31-39.	0.7	55
4	Manufacturing models permitting roll out/scale out of clinically led autologous cell therapies: regulatory and scientific challenges for comparability. <i>Cytotherapy</i> , 2014, 16, 1033-1047.	0.3	54
5	Human cell culture process capability: a comparison of manual and automated production. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2009, 4, n/a-n/a.	1.3	47
6	Precision manufacturing for clinical-quality regenerative medicines. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2012, 370, 3924-3949.	1.6	42
7	Comparability of automated human induced pluripotent stem cell culture: a pilot study. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 1847-1858.	1.7	34
8	Investigating the feasibility of scale up and automation of human induced pluripotent stem cells cultured in aggregates in feeder free conditions. <i>Journal of Biotechnology</i> , 2014, 173, 53-58.	1.9	33
9	Enabling Consistency in Pluripotent Stem Cell-Derived Products for Research and Development and Clinical Applications Through Material Standards. <i>Stem Cells Translational Medicine</i> , 2015, 4, 217-223.	1.6	30
10	Stem cell culture conditions and stability: a joint workshop of the PluriMes Consortium and Pluripotent Stem Cell Platform. <i>Regenerative Medicine</i> , 2019, 14, 243-255.	0.8	18
11	Qualification of academic facilities for small-scale automated manufacture of autologous cell-based products. <i>Regenerative Medicine</i> , 2014, 9, 799-815.	0.8	12
12	Science-based assessment of source materials for cell-based medicines: report of a stakeholders workshop. <i>Regenerative Medicine</i> , 2018, 13, 935-944.	0.8	12
13	The Implementation of Novel Collaborative Structures for the Identification and Resolution of Barriers to Pluripotent Stem Cell Translation. <i>Stem Cells and Development</i> , 2013, 22, 63-72.	1.1	7
14	Distributed automated manufacturing of pluripotent stem cell products. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 106, 1085-1103.	1.5	7
15	Comparability of scalable, automated hMSC culture using manual and automated process steps. <i>Biochemical Engineering Journal</i> , 2016, 108, 69-83.	1.8	5
16	The management of risk and investment in cell therapy process development: a case study for neurodegenerative disease. <i>Regenerative Medicine</i> , 2019, 14, 465-488.	0.8	4
17	Feeling the pain: Disruptive Innovation in Healthcare Markets. , 2008, , 25-34.		1