

Qing-Dong Ling

List of Publications by Year in descending order

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28
papers

1,172
citations

516710

16
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526287

27
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28
all docs

28
docs citations

28
times ranked

2073
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical Cues of Biomaterials Guide Stem Cell Differentiation Fate. <i>Chemical Reviews</i> , 2013, 113, 3297-3328.	47.7	387
2	Polymeric Membranes for Chiral Separation of Pharmaceuticals and Chemicals. <i>Polymer Reviews</i> , 2010, 50, 113-143.	10.9	144
3	Design of polymeric materials for culturing human pluripotent stem cells: Progress toward feeder-free and xeno-free culturing. <i>Progress in Polymer Science</i> , 2014, 39, 1348-1374.	24.7	66
4	Generation of pluripotent stem cells without the use of genetic material. <i>Laboratory Investigation</i> , 2015, 95, 26-42.	3.7	62
5	Long-term xeno-free culture of human pluripotent stem cells on hydrogels with optimal elasticity. <i>Scientific Reports</i> , 2016, 5, 18136.	3.3	58
6	Polymeric design of cell culture materials that guide the differentiation of human pluripotent stem cells. <i>Progress in Polymer Science</i> , 2017, 65, 83-126.	24.7	54
7	Stem cell therapies for myocardial infarction in clinical trials: bioengineering and biomaterial aspects. <i>Laboratory Investigation</i> , 2017, 97, 1167-1179.	3.7	46
8	Continuous harvest of stem cells via partial detachment from thermoresponsive nanobrush surfaces. <i>Biomaterials</i> , 2016, 76, 76-86.	11.4	45
9	Biomaterials used in stem cell therapy for spinal cord injury. <i>Progress in Materials Science</i> , 2019, 103, 374-424.	32.8	43
10	Xeno-free culture of human pluripotent stem cells on oligopeptide-grafted hydrogels with various molecular designs. <i>Scientific Reports</i> , 2017, 7, 45146.	3.3	42
11	Effect of cell culture biomaterials for completely xeno-free generation of human induced pluripotent stem cells. <i>Biomaterials</i> , 2020, 230, 119638.	11.4	31
12	Efficient differentiation of human pluripotent stem cells into cardiomyocytes on cell sorting thermoresponsive surface. <i>Biomaterials</i> , 2020, 253, 120060.	11.4	29
13	Purification of human adipose-derived stem cells from fat tissues using PLGA/silk screen hybrid membranes. <i>Biomaterials</i> , 2014, 35, 4278-4287.	11.4	24
14	Generation of universal and hypoimmunogenic human pluripotent stem cells. <i>Cell Proliferation</i> , 2020, 53, e12946.	5.3	23
15	A hybrid-membrane migration method to isolate high-purity adipose-derived stem cells from fat tissues. <i>Scientific Reports</i> , 2015, 5, 10217.	3.3	22
16	The design of a thermoresponsive surface for the continuous culture of human pluripotent stem cells. <i>Biomaterials</i> , 2019, 221, 119411.	11.4	18
17	The effect of human platelet lysate on the differentiation ability of human adipose-derived stem cells cultured on ECM-coated surfaces. <i>Journal of Materials Chemistry B</i> , 2019, 7, 7110-7119.	5.8	17
18	Efficient differentiation of human ES and iPS cells into cardiomyocytes on biomaterials under xeno-free conditions. <i>Biomaterials Science</i> , 2019, 7, 5467-5481.	5.4	14

#	ARTICLE	IF	CITATIONS
19	Gene expression of human endometrial L-selectin ligand in relation to the phases of the natural menstrual cycle. <i>Scientific Reports</i> , 2018, 8, 1443.	3.3	9
20	Poly(vinyl alcohol-co-itaconic acid) hydrogels grafted with several designed peptides for human pluripotent stem cell culture and differentiation into cardiomyocytes. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7662-7673.	5.8	9
21	Endometrial L-selectin ligand is downregulated in the mid-secretory phase during the menstrual cycle in women with adenomyosis. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2018, 57, 507-516.	1.3	8
22	Human Pluripotent Stem Cell Culture on Polyvinyl Alcohol-Co-Itaconic Acid Hydrogels with Varying Stiffness Under Xeno-Free Conditions. <i>Journal of Visualized Experiments</i> , 2018, .	0.3	6
23	Transient characteristics of universal cells on human-induced pluripotent stem cells and their differentiated cells derived from foetal stem cells with mixed donor sources. <i>Cell Proliferation</i> , 2021, 54, e12995.	5.3	6
24	Chemogenomic analysis of neuronal differentiation with pathway changes in PC12 cells. <i>Molecular BioSystems</i> , 2016, 12, 283-294.	2.9	4
25	Visible Light-Regulated Gene Expression and Neurite Outgrowth of Nerve Cells. <i>Journal of Chemical Engineering of Japan</i> , 2011, 44, 171-178.	0.6	3
26	Separation of hematopoietic stem and progenitor cells from human peripheral blood through polyurethane foaming membranes modified with several amino acids. <i>Journal of Applied Polymer Science</i> , 2009, 114, 671-679.	2.6	1
27	Data of continuous harvest of stem cells via partial detachment from thermoresponsive nanobrush surfaces. <i>Data in Brief</i> , 2016, 6, 603-608.	1.0	1
28	Evaluation of Bioactivity and Effect of Polymeric Stabilizers During Heat Treatment for the Unfolded Fraction of Human Epidermal Growth Factor. <i>Journal of Fiber Science and Technology</i> , 2011, 67, 185-191.	0.0	0